------------------------------------80/80 LIST OF INPUT DATA------------------------------------

WSP2	29						1
TITLE	STEWARTS & PAULS CREEK						2
TITLE	STEWARTS CREEK 02-28-83-SCS; 6-24-88-JET LOWER STARTE						3
DISCHARGE	187.57	1.98	2.78	3.91	5.50	7.73	4
DISCHARGE	187.57	10.87	15.28	21.48	30.20	42.47	5
DISCHARGE	187.57	59.72	83.96	118.06	166.00	200.00	5A
STARTE	155	964.63	964.79	965.05	965.41	965.93	6
STARTE	155	966.60	967.41	968.42	969.69	971.31	7
STARTE	155	11 973.32	12 975.78	13 978.79	14 982.41	15 986.31	
OUTPUT	RSK						9
REACH	155	187.57	0	0	0	0	10
REACH	165	187.51	1330	1330			11
REACH	145	187.23	2000	2000			12
REACH	23	76.25	1680	1680	600	600	13
REACH	71	76.22	720	720	820	920	14
ROAD	RR	2.7	200	100			15
REACH	73	76.22	180	80	80	180	16
REACH	24	76.13	960	880	960	1040	17
ROAD	SR2000	2.7	120	120			18
REACH	26	76.13	100	80	80	100	19
REACH	1	75.80	1920	1800	1800	1920	20
REACH	27	75.63	2520	2400	2400	2520	21
REACH	2	75.47	2680	2240	2240	2240	22
REACH	28	74.85	3040	2720	2770	3190	23
ROAD	SR2258	2.7	180	180			24
REACH	30	74.85	160	160	160	160	25
REACH	74	74.48	1600	1600	2260	2260	26
ROAD	US601	2.7	760	760			27
REACH	76	74.48	110	110	110	110	28
REACH	3	71.95	330	330	330	330	29
REACH	4	71.67	2000	1900	1900	2000	30
REACH	31	71.32	2360	2120	2120	2360	31
REACH	32	68.45	2140	2000	2000	2140	32
REACH	5	68.34	1480	1480	1480	1480	33
REACH	33	68.29	1200	1200	1200	1200	34
REACH	6	66.53	1760	1730	1760	1760	35
REACH	34	66.25	3600	3500	3500	3600	36
REACH	7	65.94	1980	1980	1980	1980	37
REACH	35	65.68	1950	1900	1950	2000	38
ROAD	SR1350	2.7	100	100			39
REACH	37	65.68	100	100	50	50	40
REACH	38	64.50	2300	2240	2240	2300	41
REACH	8	64.27	2800	2750	2750	2800	42
REACH	39	64.19	1800	1800	1800	1800	43
REACH	40	63.80	980	980	980	980	44

BO/BO LIST OF INPUT DATA

```
REACH      41          62.82       1600        1600        1650        1650        45
ROAD       NC89        2.7         110         110                                 46
REACH      43          62.82       190         190         140         140         47
SECTION    155                                                                     96
           -30         990                     981.7       35          970.4       97
           170         966.2       200         962.9       280         961.1       98
           291         968.6       440         981.7       540         990         99
ENDTABLE                                                                           99A
SEGMENT    155         1           D           170                                 100
NVALUE     .10                                                                     101
SEGMENT    155         2           C           291                                 102
NVALUE     .05                                                                     103
SEGMENT    155         3           D           540                                 104
NVALUE     .10                                                                     105
SECTION    165                                                                     106
           -30         990         0           982.2       15          974.1       107
           45          972.7       50          962.8       130         972.3       108
           170         971.2       210         972.3       250         982.2       109
           300         990                                                         110
ENDTABLE                                                                           111
SEGMENT    165         1           D           45                                  112
NVALUE     .10                                                                     113
SEGMENT    165         2           C           170                                 114
NVALUE     .05                                                                     115
SEGMENT    165         3           D           300                                 116
NVALUE     .10                                                                     117
SECTION    145                                                                     118
           -10         990         0           987.1       85          975.6       119
           770         975.1       790         958.7       900         959.2       120
           915         972         940         987.1       950         990         121
ENDTABLE                                                                           122
SEGMENT    145         1           D           770                                 123
NVALUE     .10                                                                     124
SEGMENT    145         2           C           915                                 125
NVALUE     .05                                                                     126
SEGMENT    145         3           D           950                                 127
NVALUE     .10                                                                     128
SECTION    23                                                                      129
           2645        1000        2665        988         2685        977.2       130
           2720        977.9       2735        964         2765        964.1       131
           2800        979.3       2955        979.8       3000        988         132
           3065        1000                                                        133
ENDTABLE                                                                           134
SEGMENT    23          1           D           2720                                135
NVALUE     .10                                                                     136
```

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```
SEGMENT   23          2         C         2800                                  137
NVALUE    .065                                                                  138
SEGMENT   23          3         D         3065                                  139
NVALUE    .10                                                                   140
SECTION   71                                                                    141
          -30         1000      0         991.4     55          973             142
          65          965.1     110       963.8     125         979.6           143
          170         978.5     195       994       205         1000            144
ENDTABLE                                                                        145
SEGMENT   71          1         D         55                                    146
NVALUE    .10                                                                   147
SEGMENT   71          2         C         125                                   148
NVALUE    .065                                                                  149
SEGMENT   71          3         D         205                                   150
NVALUE    .10                                                                   151
SECTION   RR                                                                    152
          0           1020.8    1260      1000.4    1260        990.8           153
          1300        975.3     1387      974.3     1392        963.2           154
          1437        962.3     1442      965.5     1530        978.4           155
          1570        999.6     1570      1006.5    2300        1020.8          156
ENDTABLE                                                                        157
----------MAX ELEV DIFFERENCE BETWEEN POINTS ON SECTION RR     EXCEEDS  20. FEET----------
BPR       RR          A         3         5                                     158
PIER      975.3       7         962.3     2         978.4     4                 159
GIRDER    1004.7      998.5     0         .6        2.7                         160
          1260        1000.4    1260      998.5     1570        1004.6          161
          1570        1006.5                                                    162
ENDTABLE                                                                        163
SECTION   73                                                                    164
          -12         1000      0         996.6     60          977.2           165
          278         980.4     284       965.7     340         964.6           166
          350         980.1     415       978.2     504         1000            167
ENDTABLE                                                                        168
----------MAX ELEV DIFFERENCE BETWEEN POINTS ON SECTION 73     EXCEEDS  20. FEET----------
SEGMENT   73          1         D         278                                   169
NVALUE    .10                                                                   170
SEGMENT   73          2         C         350                                   171
NVALUE    .065                                                                  172
SEGMENT   73          3         D         504                                   173
NVALUE    .10                                                                   174
SECTION   24                                                                    175
          0           999.3     25        987.8     50          982             176
          130         978.7     140       968.3     200         966.3           177
          210         979.1     345       980.9     440         990.5           178
          530         1000                                                      179
ENDTABLE                                                                        180
SEGMENT   24          1         D         130                                   181
```

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```
NVALUE    .10
SEGMENT   24        2         C         210
NVALUE    .065
SEGMENT   24        3         D         530
NVALUE    .10
SECTION   SR2000
          0         1006.3    280       992.3     435       999.4
          435       994.5     480       985.3     539       985.2
          539       977.7     570       979.      615       991.8
          615       996.7     890       1006.3
ENDTABLE
```

MAX ELEV DIFFERENCE BETWEEN POINTS ON SECTION SR2000 EXCEEDS 20. FEET

```
BPR       SR2000    A         3         4
PIER      965.3     4         979       2
GIRDER    994.6     991.8     0         6         2.7
          435       999.4     435       994.5     615       991.8
          615       996.7
ENDTABLE
SECTION   26
          -10       1000      0         999.1     90        996.4
          115       990.9     175       991.3     190       984.7
          240       979.8     255       966.2     325       966.2
          335       978.5     365       979.2     385       938.6
          415       1000
ENDTABLE
SEGMENT   26        1         D         240
NVALUE    .10
SEGMENT   26        2         C         335
NVALUE    .065
SEGMENT   26        3         D         415
NVALUE    .10
SECTION   1
          0         1000      25        994.5     46        988.5
          111       983.6     172       981.6     398       979.6
          450       979       504       978.5     641       978.8
          726       979.2     880       979.4     953       980.4
          984       981.4     1002      981.1     1014      981.6
          1016      979.9     1022      973.6     1027      971
          1030      970.9     1036      971.2     1042      971.5
          1048      971.5     1057      978.6     1059      981.6
          1086      981       1150      980.3     1205      980
          1224      980.5     1231      984.6     1260      1000
ENDTABLE
SEGMENT   1         1         D         1016
NVALUE    .10
SEGMENT   1         2         C         1059
```

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```
NVALUE    .065                                                        227
SEGMENT   1         3         D         1260                        228
NVALUE    .10                                                         229
SECTION   27                                                          230
          2200      1010      2225      1001.2    2365      984.5     231
          2865      985.1     2870      977.5     2915      976.6     232
          2930      985       2955      998.7     3000      1009      233
ENDTABLE                                                              234
SEGMENT   27        1         D         2865                        235
NVALUE    .09                                                         236
SEGMENT   27        2         C         2930                        237
NVALUE    .065                                                        238
SEGMENT   27        3         D         3000                        239
NVALUE    .09                                                         240
SECTION   2                                                           250
          12        1005.6    15        993.5     35        986.5     251
          60        986       160       986       285       986.5     252
          450       987       650       987       905       988       253
          1020      987       1100      989       1105      981       254
          1110      979.3     1128      978       1140      980.8     255
          1148      988       1165      988       1295      984.8     256
          1390      984       1465      984.5     1478      988.2     257
          1500      1000                                              258
ENDTABLE                                                              259
SEGMENT   2         1         D         1100                        260
NVALUE    .08                                                         261
SEGMENT   2         2         C         1148                        262
NVALUE    .065                                                        263
SEGMENT   2         3         D         1500                        264
NVALUE    .08                                                         265
SECTION   28                                                          266
          -50       1020      0         1007.9    550       1003.4    267
          575       991.1     590       992.8     610       982.8     268
          670       981.3     680       992.8     720       998.9     269
          760       1002.4    865       1005.2    905       1007.9    270
          1025      1020                                              271
ENDTABLE                                                              272
SEGMENT   28        1         D         590                         273
NVALUE    .03                                                         274
SEGMENT   28        2         C         680                         275
NVALUE    .065                                                        276
SEGMENT   28        3         D         1025                        277
NVALUE    .08                                                         278
SECTION   SR2258                                                      279
          0         1010      260       1004.2    600       1003.9    280
```

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```
                600         1001.5      620         993.2       637         993.4       281
                656         981         713         981.2       732         995.2       282
                750         1001.1      750         1003.5      1040        1010.1      283
ENDTABLE                                                                                284
BPR             SR2258      A           3           3                                   285
PIER            995.4       2           981         4           995.2       1           286
GIRDER          1001.6      1001.1      0           .6          2.7                     287
                600         1003.9      600         1001.5      750         1001.1      288
                750         1003.5                                                      288A
ENDTABLE                                                                                289
SECTION         30                                                                      290
                -15         1020        0           1007.8      5           1003.6      291
                45          1003.5      75          991.5       120         992.9       292
                130         983.8       165         984         175         989.9       293
                215         1000.6      335         1004.4      350         1000.6      294
                425         1007.8      555         1020                                295
ENDTABLE                                                                                296
SEGMENT         30          1           D           120                                 297
NVALUE          .08                                                                     298
SEGMENT         30          2           C           175                                 299
NVALUE          .065                                                                    300
SEGMENT         30          3           D           555                                 301
NVALUE          .08                                                                     302
SECTION         74                                                                      302A
                -10         1020        0           1007.7      70          995.8       303
                300         993.4       415         994.3       425         984.3       304
                468         984.6       475         994.6       765         992.2       305
                805         1007.1      838         1020                                306
ENDTABLE                                                                                307
SEGMENT         74          1           D           415                                 308
NVALUE          .07                                                                     309
SEGMENT         74          2           C           475                                 310
NVALUE          .065                                                                    311
SEGMENT         74          3           D           838                                 312
NVALUE          .07                                                                     313
SECTION         US601                                                                   314
                0           1023.6      390         1012.7      390         1007.6      315
                405         996.8       450         990.9       456         984.6       316
                503         984.4       510         989         554         988         317
                569         1003.4      569         1010.1      1630        1023.6      318
ENDTABLE                                                                                319
BPR             US601       A           3           4                                   320
PIER            990.8       2           989         2                                   321
GIRDER          1008.3      1005.6      0           .6          2.7                     322
                390         1012.7      390         1008.2      569         1005.6      323
```

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```
                569         1010.1                                                  324
ENDTABLE                                                                            325
SECTION         76                                                                  326
                -10         1020            0           1007.4      170         995.5   327
                410         993.9           775         995.8       780         987.7   328
                830         987.6           840         995.6       1430        992.6   329
                1460        1002.6          1500        1020                            330
ENDTABLE                                                                            331
SEGMENT         76          1               D           775                             332
NVALUE          .07                                                                 333
SEGMENT         76          2               C           840                             334
NVALUE          .065                                                                335
SEGMENT         76          3               D           1500                            336
NVALUE          .07                                                                 337
SECTION         3                                                                   338
                55          1020            130         1012.2      210         1008.2  339
                300         1001            340         1005        450         996.2   340
                550         994.5           670         994.8       810         993.9   350
                910         993.8           1042        996.4       1050        994     351
                1060        994             1065        991         1070        988     352
                1110        988.5           1112        989         1116        994.5   353
                1135        995             1170        994         1220        996     354
                1270        1008.5          1330        1020                            355
ENDTABLE                                                                            356
SEGMENT         3           1               D           1060                            357
NVALUE          .07                                                                 358
SEGMENT         3           2               C           1116                            359
NVALUE          .06                                                                 360
SEGMENT         3           3               D           1330                            361
NVALUE          .07                                                                 362
SECTION         4                                                                   363
                0           1020            90          1007.2      190         999.5   364
                250         998.8           305         999.5       365         997.3   365
                600         1000            850         998         1100        998     366
                1180        996.5           1250        997.9       1405        998.5   367
                1440        998.5           1450        993.2       1460        992.5   368
                1498        998.9           1510        999.4       1550        998.5   369
                1620        998.5           1775        997         1800        1010.5  370
                1830        1020                                                        371
ENDTABLE                                                                            372
SEGMENT         4           1               D           1440                            373
NVALUE          .07                                                                 374
SEGMENT         4           2               C           1498                            375
NVALUE          .06                                                                 376
SEGMENT         4           3               D           1830                            377
```

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```
NVALUE    .07
SECTION   31
          0        1019.8   65       1005.5   1025     1002.7
          1110     1003.8   1125     998.3    1170     993.3
          1175     1005.9   1200     1002.5   1475     1004.6
          1520     1019.6
ENDTABLE
SEGMENT   31       1        D        1110
NVALUE    .07
SEGMENT   31       2        C        1175
NVALUE    .06
SEGMENT   31       3        D        1520
NVALUE    .07
SECTION   32
          0        1019.5   20       1015.1   40       1006
          100      1004.7   1030     1008.2   1035     995.7
          1080     997.3    1090     1005.6   1295     1009.5
          1310     1024.5
ENDTABLE
SEGMENT   32       1        D        1030
NVALUE    .07
SEGMENT   32       2        C        1090
NVALUE    .06
SEGMENT   32       3        D        1310
NVALUE    .07
SECTION   5
          0        1024.2   365      1018.3   580      1015.7
          590      1017.2   665      1017.5   760      1013.5
          925      1011.5   980      1007.8   1140     1008.8
          1310     1008.5   1470     1009     1690     1008.5
          1700     1011.5   1760     1000     1785     1010.5
          1820     1024
ENDTABLE
SEGMENT   5        1        D        1700
NVALUE    .065
SEGMENT   5        2        C        1785
NVALUE    .06
SEGMENT   5        3        D        1820
NVALUE    .07
SECTION   33
          0        1030     60       1023     560      1008.8
          605      1008.2   710      1010.3   730      1003.1
          760      1000.8   780      1018     790      1018.7
          800      1023     815      1030
ENDTABLE
```

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SEGMENT	33	1	D	710			431
NVALUE	.065						432
SEGMENT	33	2	C	780			433
NVALUE	.06						434
SEGMENT	33	3	D	815			435
NVALUE	.07						436
SECTION	6						437
	70	1030	90	1022.5	360	1016	438
	490	1016	715	1016	985	1014.2	439
	1035	1015.1	1050	1018.5	1055	1008.5	440
	1060	1005.5	1100	1005	1110	1007.5	441
	1115	1014.5	1120	1016	1215	1014.5	442
	1470	1014.5	1980	1014.5	2080	1016.8	443
	2280	1017	2370	1024	2400	1030	444
ENDTABLE							445
SEGMENT	6	1	D	1050			446
NVALUE	.065						447
SEGMENT	6	2	C	1115			448
NVALUE	.06						449
SEGMENT	6	3	D	2400			450
NVALUE	.065						451
SECTION	34						452
	0	1045	10	1042.1	60	1025.9	453
	360	1025.9	605	1021.6	740	1022.6	454
	755	1014.8	800	1014.2	810	1023.2	455
	880	1023.2	900	1030.6	940	1045.6	456
ENDTABLE							457
SEGMENT	34	1	D	740			458
NVALUE	.065						459
SEGMENT	34	2	C	810			460
NVALUE	.06						461
SEGMENT	34	3	D	940			462
NVALUE	.065						463
SECTION	7						464
	170	1043.5	240	1038.5	320	1036.5	465
	495	1029.5	740	1028.5	1070	1028	466
	1230	1030	1350	1029.5	1400	1025	467
	1480	1026.5	1590	1029	1600	1017	468
	1650	1016	1654	1027.5	1690	1028.6	469
	1850	1025	2060	1025	2250	1029.5	470
	2310	1033.5	2350	1038	2400	1051.5	480
ENDTABLE							490
SEGMENT	7	1	D	1590			491
NVALUE	.065						492
SEGMENT	7	2	C	1654			493

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----------------------------------80/80 LIST OF INPUT DATA---------------------------------------
NVALUE     .06                                                                         494
SEGMENT    7          3          D          2400                                       495
NVALUE     .065                                                                        496
SECTION    35                                                                          497
           -10        1050       0          1045.8     5          1041.2               498
           35         1041.7     80         1026.4     95         1028.4               499
           115        1020.4     155        1020.3     165        1031.3               500
           205        1042.5     335        1045.8     350        1050                 501
ENDTABLE                                                                               502
SEGMENT    35         1          D          95                                         503
NVALUE     .08                                                                         504
SEGMENT    35         2          C          165                                        505
NVALUE     .07                                                                         506
SEGMENT    35         3          D          350                                        507
NVALUE     .08                                                                         508
SECTION    SR1350                                                                      509
           0          1050       205        1042.7     205        1039                 510
           225        1026.4     255        1026.4     260        1020.8               511
           310        1020.2     360        1039       360        1042.7               512
           500        1044.6     670        1054                                      513
ENDTABLE                                                                               514
BPR        SR1350     A          3          4                                          515
PIER       1026.4     2          1020.2     2.                                         516
GIRDER     1039.8     1039.7     0          .6         2.7                             517
           205        1042.7     205        1039.7     360        1039.7               518
           360        1042.7                                                           519
ENDTABLE                                                                               520
SECTION    37                                                                          521
           -100       1050       0          1040       50         1036.9               522
           200        1036       380        1029.7     460        1028.3               523
           470        1021.3     515        1021.2     525        1032.5               524
           530        1032.5     615        1038.8     650        1040.8               525
           655        1043.4     670        1050                                      526
ENDTABLE                                                                               527
SEGMENT    37         1          D          460                                        528
NVALUE     .08                                                                         529
SEGMENT    37         2          C          525                                        530
NVALUE     .07                                                                         531
SEGMENT    37         3          D          670                                        532
NVALUE     .08                                                                         533
SECTION    38                                                                          534
           -10        1055       0          1053.5     5          1048.7               535
           80         1040.4     130        1041.5     150        1029.1               536
           185        1028       215        1053.5     216        1055                 537
ENDTABLE                                                                               538
```

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----------------------------------80/80 LIST OF INPUT DATA----------------------------------------------
-------------------MAX ELEV DIFFERENCE BETWEEN POINTS ON SECTION 38      EXCEEDS  20. FEET-------------
SEGMENT    38     1         D         130                                    539
NVALUE     .08                                                               540
SEGMENT    38     2         C         216                                    541
NVALUE     .07                                                               542
SECTION    8                                                                 543
           0      1055      12        1049.5     30         1045.5           544
           62     1042.8    82        1044       94         1043             546
           98     1033.8    110       1032       122        1031.8           547
           140    1034.5    146       1044.5     245        1041.8           548
           295    1042.5    485       1043.5     762        1043.5           549
           1158   1043.8    1260      1042.5     1340       1043.2           550
           1380   1047      1400      1055                                   551
ENDTABLE                                                                     552
SEGMENT    8      1         D         94                                     553
NVALUE     .08                                                               554
SEGMENT    8      2         C         146                                    555
NVALUE     .065                                                              556
SEGMENT    8      3         D         1400                                   557
NVALUE     .08                                                               558
SECTION    39                                                                559
           0      1070      35        1058.3     195        1044.9           560
           660    1047      665       1038.8     715        1037.9           561
           720    1042.6    740       1046.8     840        1046.8           562
           860    1057.6    900       1076.2                                 563
ENDTABLE                                                                     564
SEGMENT    39     1         D         660                                    565
NVALUE     .07                                                               566
SEGMENT    39     2         C         720                                    567
NVALUE     .065                                                              568
SEGMENT    39     3         D         900                                    569
NVALUE     .07                                                               570
SECTION    40                                                                571
           0      1070      15        1060.8     100        1045.5           572
           550    1047.7    560       1038.7     605        1039.7           573
           615    1044.8    655       1047.6     745        1047.8           574
           765    1053.6    800       1072.3                                 575
ENDTABLE                                                                     576
SEGMENT    40     1         D         550                                    577
NVALUE     .07                                                               578
SEGMENT    40     2         C         615                                    579
NVALUE     .065                                                              580
SEGMENT    40     3         D         800                                    581
NVALUE     .07                                                               582
SECTION    41                                                                583
           -50    1070      0         1060.3     50         1050.4           584
```

----------80/80 LIST OF INPUT DATA----------

```
                90          1047.9      110         1041.2      170         1040.2      585
                175         1047.3      200         1055.2      250         1056.5      586
                420         1070                                                        586A
ENDTABLE                                                                                587
SEGMENT         41          1           D           90                                  588
NVALUE          .06                                                                     589
SEGMENT         41          2           C           175                                 590
NVALUE          .05                                                                     591
SEGMENT         41          3           D           420                                 592
NVALUE          .07                                                                     593
SECTION         NC89                                                                    594
                0           1072.6      410         1061.1      570         1061.4      595
                570         1045.5      616         1046        623         1039.3      596
                664         1040.1      709         1046        709         1061.3      597
                1130        1072.6                                                      597A
ENDTABLE                                                                                598
BPR             NC89        A           3           3                                   599
PIER            1046        2           1040.1      2                                   600
GIRDER          1057.6      1057.4      10          .6          2.7                     601
                570         1061.4      570         1057.5      709         1057.4      602
                709         1061.3                                                      603
ENDTABLE                                                                                604
SECTION         43                                                                      605
                0           1063.1      60          1061.7      60          1061.9      606
                70          1059.9      80          1053.7      165         1050.5      607
                235         1050.1      310         1048.4      313         1040.6      608
                365         1040.6      370         1042.3      450         1043.5      609
                560         1050.1      605         1067.1                              610
ENDTABLE                                                                                611
SEGMENT         43          1           D           310                                 612
NVALUE          .08                                                                     613
SEGMENT         43          2           C           370                                 614
NVALUE          .05                                                                     615
SEGMENT         43          3           D           605                                 616
NVALUE          .08                                                                     617
COMPUTE         155         43          155                                             618
```

----------END OF 80/80 LIST----------

COMPUTE 155 43 155 618

STARTING DATA FROM GIVEN ELEVATION

RATING TABLE FOR SECTION 155 DA= 187.6

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	961.1	0.0	0.0						
1	964.6	233.4	371.4	.00	.00	.00	1.98	962.8	.00096
2	964.8	249.7	521.4	.00	.00	.00	2.78	963.1	.00154
3	965.1	276.9	733.4	.00	.00	.00	3.91	963.4	.00224
4	965.4	315.3	1031.6	.00	.00	.00	5.50	963.7	.00301
5	965.9	373.5	1449.9	.00	.00	.00	7.73	964.1	.00360
BANK FULL	966.2	406.4	1687.2	.00	.00	.00			
ZERO DAMG	966.2	406.4	1687.2	.00	.00	.00			
6	966.6	455.3	2038.9	.00	.00	.00	10.87	964.6	.00392
7	967.4	572.4	2866.1	.00	.00	.00	15.28	965.3	.00411
8	968.4	749.7	4029.0	.00	.00	.00	21.48	966.1	.00412
9	969.7	1030.5	5664.6	.00	.00	.00	30.20	967.1	.00388
10	971.3	1469.3	7966.1	.00	.00	.00	42.47	968.2	.00339
11	973.3	2081.1	11201.7	.00	.00	.00	59.72	969.4	.00287
12	975.8	2909.2	15748.4	.00	.00	.00	83.96	970.7	.00244
13	978.8	4042.7	22144.5	.00	.00	.00	118.06	971.9	.00210
14	982.4	5577.5	31136.6	.00	.00	.00	166.00	973.5	.00183
15	986.3	7457.1	37514.0	.00	.00	.00	200.00	974.4	.00128

SEGMENT TABLE FOR SECTION 155

CSM				TOTAL	SEG NO 1 D	SEG NO 2 C	SEG NO 3 D
1		DISCHARGE CFS		371.	0.	371.	0.
	2.	VELOCITY FPS		1.60	.00	1.59	.00
2		DISCHARGE CFS		521.	0.	521.	0.
	3.	VELOCITY FPS		2.09	.00	2.09	.00
3		DISCHARGE CFS		733.	0.	733.	0.
	4.	VELOCITY FPS		2.66	.00	2.65	.00
4		DISCHARGE CFS		1032.	0.	1032.	0.
	5.	VELOCITY FPS		3.28	.00	3.27	.00
5		DISCHARGE CFS		1450.	0.	1450.	0.
	8.	VELOCITY FPS		3.89	.00	3.88	.00
6		DISCHARGE CFS		2039.	1.	2038.	0.
	11.	VELOCITY FPS		4.52	.37	4.51	.00
7		DISCHARGE CFS		2866.	17.	2849.	0.
	15.	VELOCITY FPS		5.19	.71	5.20	.00
8		DISCHARGE CFS		4029.	84.	3945.	0.
	21.	VELOCITY FPS		5.85	1.04	5.90	.00
9		DISCHARGE CFS		5665.	273.	5386.	6.
	30.	VELOCITY FPS		6.41	1.37	6.55	.73
10		DISCHARGE CFS		7966.	731.	7188.	46.
	42.	VELOCITY FPS		6.74	1.79	7.06	1.08
11		DISCHARGE CFS		11202.	1565.	9454.	182.
	60.	VELOCITY FPS		6.95	2.26	7.49	1.42
12		DISCHARGE CFS		15748.	2816.	12424.	509.
	84.	VELOCITY FPS		7.18	2.67	7.97	1.73
13		DISCHARGE CFS		22145.	4425.	16323.	1196.
	118.	VELOCITY FPS		7.44	3.03	8.48	2.02
14		DISCHARGE CFS		31137.	7171.	21468.	2497.
	166.	VELOCITY FPS		7.76	3.37	9.09	2.30
15		DISCHARGE CFS		37514.	9136.	24332.	4046.
	200.	VELOCITY FPS		7.14	3.23	8.59	2.26
1	ELEV	964.6	KD	12009.	1.	12007.	1.
2	ELEV	964.8	KD	13290.	1.	13288.	1.
3	ELEV	965.1	KD	15487.	1.	15485.	1.
4	ELEV	965.4	KD	18812.	1.	18810.	1.
5	ELEV	965.9	KD	24163.	1.	24160.	1.
6	ELEV	966.4	KD	32543.	16.	32531.	1.
7	ELEV	967.4	KD	44680.	231.	44448.	1.
8	ELEV	968.4	KD	62724.	1245.	61477.	1.
9	ELEV	969.7	KD	90722.	4147.	86525.	49.
10	ELEV	971.3	KD	136734.	12361.	123629.	743.
11	ELEV	973.3	KD	209019.	29040.	176673.	3306.
12	ELEV	975.8	KD	318464.	56809.	251495.	10160.
13	ELEV	978.8	KD	483545.	100837.	356845.	25864.
14	ELEV	982.4	KD	728225.	167660.	502374.	58191.
15	ELEV	986.3	KD	1048782.	255356.	680637.	112789.

KD TABLE FOR CROSS SECTION 155

ELEVATION	AREA	KD	KD BY SEGMENT		
961.10	0.				
962.	19.	325.	1.	323.	1.
963.	83.	2445.	1.	2443.	1.
964.	172.	7537.	1.	7535.	1.
965.	272.	15050.	1.	15048.	1.
966.	382.	24975.	2.	24970.	1.
967.	512.	38278.	64.	38163.	1.
968.	673.	54837.	685.	54075.	1.
969.	868.	74820.	2321.	72450.	6.
970.	1105.	98708.	5260.	93254.	119.
971.	1380.	127167.	10388.	116145.	537.
972.	1672.	159234.	17474.	141000.	1376.
973.	1979.	196615.	26054.	167745.	2749.
974.	2302.	237073.	35896.	196281.	4730.
975.	2638.	281360.	47115.	226613.	7453.
976.	2988.	329459.	59624.	258678.	11000.
977.	3352.	381364.	73375.	292425.	15454.
978.	3731.	437082.	88330.	327812.	20892.
979.	4126.	496560.	104345.	364751.	27330.
980.	4535.	559906.	121556.	403264.	34905.
981.	4957.	627141.	139973.	443344.	43712.
982.	5392.	698182.	159457.	484926.	53751.
983.	5847.	772869.	179795.	527937.	64986.
984.	6316.	851556.	201295.	572424.	77658.
985.	6797.	934310.	224001.	618374.	91881.
986.	7300.	1021167.	247727.	665668.	107563.
987.	7814.	1112193.	272702.	714403.	124965.
988.	8344.	1207427.	298789.	764481.	144025.
989.	8893.	1306939.	326018.	815896.	164819.
990.	9450.	1411467.	354742.	868687.	187940.
991.	10020.	1527362.	387065.	922724.	217101.
992.	10590.	1646878.	420298.	978031.	247809.
993.	11160.	1767509.	453139.	1034373.	277055.
994.	11730.	1892840.	487413.	1092071.	308687.
995.	12300.	2022904.	523136.	1151114.	342819.

RATING TABLE FOR SECTION 165 DA= 187.5

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	962.3	0.0	0.0						
1	965.3	304.6	371.3	.00	.00	.00	1.98	963.2	.00047
2	965.6	345.0	521.4	.00	.00	.00	2.78	963.4	.00062
3	966.1	396.6	733.3	.00	.00	.00	3.91	963.7	.00078
4	966.7	471.1	1031.5	.00	.00	.00	5.50	963.9	.00089
5	967.4	557.4	1449.7	.00	.00	.00	7.73	964.3	.00102
6	968.3	663.2	2038.5	.00	.00	.00	10.87	964.7	.00116
7	969.4	790.3	2865.6	.00	.00	.00	15.28	965.3	.00131
8	970.6	944.8	4028.3	.00	.00	.00	21.48	966.0	.00148
BANK FULL	971.2	1014.0	4641.2	.00	.00	.00			
ZERO DAMG	971.2	1014.0	4641.2	.00	.00	.00			
9	972.1	1148.4	5663.7	.00	.00	.00	30.20	966.8	.00165
10	973.8	1447.2	7964.8	.00	.00	.00	42.47	967.9	.00181
11	975.9	1867.7	11199.8	.00	.00	.00	59.72	969.3	.00191
12	978.3	2406.2	15745.7	.00	.00	.00	83.96	971.0	.00199
13	981.3	3102.3	22140.8	.00	.00	.00	118.06	973.7	.00205
14	984.8	4005.4	31131.4	.00	.00	.00	166.00	975.8	.00212
15	988.1	4978.9	37507.7	.00	.00	.00	200.00	977.1	.00181

SEGMENT TABLE FOR SECTION 165

CSM		TOTAL	SEG NO 1 D	SEG NO 2 C	SEG NO 3 D
1	DISCHARGE CFS	371.	0.	371.	0.
2.	VELOCITY FPS	1.22	.00	1.22	.00
2	DISCHARGE CFS	521.	0.	521.	0.
3.	VELOCITY FPS	1.51	.00	1.51	.00
3	DISCHARGE CFS	733.	0.	733.	0.
4.	VELOCITY FPS	1.85	.00	1.85	.00
4	DISCHARGE CFS	1031.	0.	1031.	0.
6.	VELOCITY FPS	2.19	.00	2.19	.00
5	DISCHARGE CFS	1450.	0.	1450.	0.
8.	VELOCITY FPS	2.60	.00	2.60	.00
6	DISCHARGE CFS	2039.	0.	2039.	0.
11.	VELOCITY FPS	3.08	.00	3.07	.00
7	DISCHARGE CFS	2866.	0.	2866.	0.
15.	VELOCITY FPS	3.63	.00	3.63	.00
8	DISCHARGE CFS	4028.	0.	4028.	0.
21.	VELOCITY FPS	4.27	.00	4.26	.00
9	DISCHARGE CFS	5664.	0.	5656.	7.
30.	VELOCITY FPS	5.01	.00	5.01	.40
10	DISCHARGE CFS	7965.	9.	7868.	88.
42.	VELOCITY FPS	5.83	.55	5.86	1.00
11	DISCHARGE CFS	11200.	90.	10821.	289.
60.	VELOCITY FPS	6.87	1.16	6.77	1.51
12	DISCHARGE CFS	15746.	287.	14788.	671.
84.	VELOCITY FPS	7.55	1.74	7.77	1.99
13	DISCHARGE CFS	22141.	654.	20139.	1348.
118.	VELOCITY FPS	8.49	2.30	8.86	2.47
14	DISCHARGE CFS	31131.	1232.	27475.	2425.
166.	VELOCITY FPS	9.58	2.72	10.14	2.88
15	DISCHARGE CFS	37508.	1837.	32146.	3524.
200.	VELOCITY FPS	9.60	2.80	10.29	2.94
1	ELEV 965.3 KD	17112.	1.	17110.	1.
2	ELEV 965.6 KD	20935.	1.	20933.	1.
3	ELEV 966.1 KD	26257.	1.	26255.	1.
4	ELEV 966.7 KD	34652.	1.	34650.	1.
5	ELEV 967.4 KD	45386.	1.	45384.	1.
6	ELEV 968.3 KD	59890.	1.	59888.	1.
7	ELEV 969.4 KD	79070.	1.	79068.	1.
8	ELEV 970.6 KD	104689.	1.	104687.	1.
9	ELEV 972.1 KD	139426.	1.	139322.	104.
10	ELEV 973.8 KD	187111.	110.	185074.	1928.
11	ELEV 975.9 KD	255974.	1937.	247574.	6463.
12	ELEV 978.3 KD	352782.	6340.	331533.	14910.
13	ELEV 981.3 KD	489243.	14341.	445284.	29618.
14	ELEV 984.8 KD	676130.	26737.	596763.	52630.
15	ELEV 988.1 KD	882604.	43181.	756582.	82841.

KD TABLE FOR CROSS SECTION 165

ELEVATION	AREA	KD	KD BY SEGMENT		
962.30	0.				
963.	50.	854.	1.	852.	1.
964.	162.	6050.	1.	6048.	1.
965.	275.	14459.	1.	14457.	1.
966.	390.	25533.	1.	25531.	1.
967.	506.	38930.	1.	38927.	1.
968.	625.	54453.	1.	54451.	1.
969.	745.	71951.	1.	71949.	1.
970.	866.	91319.	1.	91317.	1.
971.	989.	112519.	1.	112516.	2.
972.	1129.	136172.	1.	136022.	56.
973.	1292.	162785.	10.	161872.	741.
974.	1480.	192474.	171.	189901.	2216.
975.	1683.	225130.	856.	219800.	4208.
976.	1893.	260502.	2091.	251437.	6789.
977.	2109.	298490.	3698.	284757.	9924.
978.	2331.	339034.	5861.	319718.	13618.
979.	2559.	382091.	7936.	356269.	17845.
980.	2795.	427627.	10510.	394368.	22608.
981.	3035.	475628.	13469.	434021.	27818.
982.	3280.	526004.	16782.	475193.	34028.
983.	3534.	578083.	20041.	517819.	40163.
984.	3798.	632603.	23674.	561902.	46941.
985.	4071.	689653.	27713.	607425.	54441.
986.	4355.	749401.	32218.	654350.	62756.
987.	4650.	811900.	37200.	702657.	71914.
988.	4952.	877038.	42697.	752351.	81958.
989.	5269.	945107.	48709.	803366.	92909.
990.	5592.	1017265.	55689.	855727.	105668.
991.	5921.	1093771.	63741.	909413.	120559.
992.	6251.	1172132.	71376.	964233.	134948.
993.	6581.	1253122.	79473.	1020355.	150253.
994.	6911.	1338840.	88195.	1077784.	166719.
995.	7241.	1423288.	97536.	1136512.	184392.

RATING TABLE FOR SECTION 145 DA= 187.2

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	958.7	0.0	0.0						
1	965.3	751.4	371.0	.00	.00	.00	1.98	959.6	.00003
2	965.7	800.8	521.0	.00	.00	.00	2.78	959.8	.00004
3	966.2	865.5	732.7	.00	.00	.00	3.91	960.0	.00007
4	967.0	957.5	1030.7	.00	.00	.00	5.50	960.3	.00010
5	967.8	1065.6	1448.5	.00	.00	.00	7.73	960.7	.00014
6	968.8	1200.5	2037.0	.00	.00	.00	10.87	961.1	.00019
7	970.0	1365.1	2863.4	.00	.00	.00	15.28	961.7	.00025
8	971.5	1567.0	4025.2	.00	.00	.00	21.48	962.4	.00032
BANK FULL	972.0	1639.5	4516.2	.00	.00	.00			
ZERO DAMG	972.0	1639.5	4516.2	.00	.00	.00			
9	973.2	1811.7	5659.3	.00	.00	.00	30.20	963.2	.00041
10	975.2	2178.9	7258.6	.00	.00	.00	42.47	964.3	.00051
11	977.4	3862.5	11191.1	.00	.00	.00	59.72	965.6	.00054
12	980.0	6072.1	15733.5	.00	.00	.00	83.96	967.3	.00050
13	983.1	8820.8	22123.6	.00	.00	.00	118.06	969.3	.00045
14	986.8	12232.2	31107.2	.00	.00	.00	166.00	971.8	.00040
15	990.0	15262.1	37478.5	.00	.00	.00	200.00	973.5	.00033

MT AIRY FIS -.5 ft.

		Profile
10 YR	979.	11.6
50	983	13
100	985	13.5
500	990	15

SEGMENT TABLE FOR SECTION 145

CSM			TOTAL	SEG NO 1 D	2 C	3 D
1	DISCHARGE CFS		371.	0.	371.	0.
2.	VELOCITY FPS		.49	.00	.49	.00
2	DISCHARGE CFS		521.	0.	521.	0.
3.	VELOCITY FPS		.65	.00	.65	.00
3	DISCHARGE CFS		733.	0.	733.	0.
4.	VELOCITY FPS		.85	.00	.85	.00
4	DISCHARGE CFS		1031.	0.	1031.	0.
6.	VELOCITY FPS		1.08	.00	1.08	.00
5	DISCHARGE CFS		1449.	0.	1449.	0.
8.	VELOCITY FPS		1.36	.00	1.36	.00
6	DISCHARGE CFS		2037.	0.	2037.	0.
11.	VELOCITY FPS		1.70	.00	1.70	.00
7	DISCHARGE CFS		2863.	0.	2863.	0.
15.	VELOCITY FPS		2.10	.00	2.10	.00
8	DISCHARGE CFS		4025.	0.	4025.	0.
21.	VELOCITY FPS		2.57	.00	2.57	.00
9	DISCHARGE CFS		5659.	0.	5659.	0.
30.	VELOCITY FPS		3.13	.00	3.13	.22
10	DISCHARGE CFS		7959.	9.	7946.	4.
43.	VELOCITY FPS		3.80	.11	3.80	.42
11	DISCHARGE CFS		11191.	828.	10348.	15.
60.	VELOCITY FPS		4.14	.58	4.28	.61
12	DISCHARGE CFS		15733.	2958.	12736.	40.
84.	VELOCITY FPS		4.14	.92	4.57	.76
13	DISCHARGE CFS		22124.	6590.	15443.	91.
118.	VELOCITY FPS		4.05	1.20	4.77	.89
14	DISCHARGE CFS		31107.	12069.	18855.	183.
166.	VELOCITY FPS		4.01	1.46	5.00	1.01
15	DISCHARGE CFS		37479.	16613.	20592.	274.
200.	VELOCITY FPS		3.76	1.55	4.86	1.00
1	ELEV	965.3 KD	71964.	1.	71962.	1.
2	ELEV	965.7 KD	79536.	1.	79534.	1.
3	ELEV	966.2 KD	89804.	1.	89802.	1.
4	ELEV	967.0 KD	105095.	1.	105093.	1.
5	ELEV	967.8 KD	124058.	1.	124054.	1.
6	ELEV	968.8 KD	149046.	1.	149044.	1.
7	ELEV	970.0 KD	181360.	1.	181357.	1.
8	ELEV	971.5 KD	223558.	1.	223556.	1.
9	ELEV	973.2 KD	280100.	1.	280089.	11.
10	ELEV	975.2 KD	352563.	23.	352320.	145.
11	ELEV	977.4 KD	479663.	3142B.	447615.	620.
12	ELEV	980.0 KD	699582.	129866.	567956.	1761.
13	ELEV	983.1 KD	1040711.	308371.	728114.	4226.
14	ELEV	986.8 KD	1548998.	599254.	940665.	9079.
15	ELEV	990.0 KD	2073546.	917474.	1141014.	15058.

KD TABLE FOR CROSS SECTION 145

ELEVATION	AREA	KD	KD BY SEGMENT		
958.70	0.				
959.	11.	86.	1.	83.	1.
960.	117.	3537.	1.	3535.	1.
961.	231.	10810.	1.	10808.	1.
962.	347.	20959.	1.	20957.	1.
963.	465.	33646.	1.	33644.	1.
964.	586.	48623.	1.	48621.	1.
965.	710.	65768.	1.	65766.	1.
966.	835.	84953.	1.	84952.	1.
967.	963.	106097.	1.	106095.	1.
968.	1094.	129141.	1.	129139.	1.
969.	1227.	154031.	1.	154029.	1.
970.	1362.	180726.	1.	180724.	1.
971.	1500.	209193.	1.	209190.	1.
972.	1640.	239542.	1.	239539.	1.
973.	1782.	273023.	1.	273014.	8.
974.	1928.	308431.	1.	308380.	40.
975.	2140.	346508.	42.	346057.	125.
976.	2679.	394125.	2108.	386523.	274.
977.	3517.	453950.	22888.	429708.	509.
978.	4371.	527814.	49534.	474617.	823.
979.	5234.	611319.	86226.	521309.	1242.
980.	6105.	704255.	131517.	569781.	1782.
981.	6984.	806333.	183401.	619958.	2446.
982.	7876.	916478.	239723.	671740.	3228.
983.	8773.	1035176.	304957.	725253.	4174.
984.	9680.	1161627.	375133.	780364.	5265.
985.	10598.	1295505.	450889.	837059.	6515.
986.	11521.	1437627.	534082.	895399.	7948.
987.	12458.	1586577.	621127.	955221.	9463.
988.	13400.	1743777.	715316.	1016614.	11111.
989.	14349.	1909193.	816230.	1079542.	12877.
990.	15305.	2082236.	922351.	1143939.	15174.
991.	16264.	2263904.	1035887.	1209884.	17950.
992.	17224.	2444288.	1143188.	1276862.	20468.
993.	18184.	2631796.	1256013.	1345336.	23167.
994.	19144.	2827668.	1376241.	1415352.	26130.
995.	20104.	3032032.	1504132.	1486905.	29373.

RATING TABLE FOR SECTION 23 DA= 76.2

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	964.0	0.0	0.0						
1	967.0	156.5	226.9	.00	.77	.00	1.98	964.9	.00108
2	967.6	192.6	318.5	.00	.79	.00	2.78	965.1	.00111
3	968.2	227.9	446.0	.00	.81	.00	3.91	965.4	.00130
4	969.2	293.2	630.2	.00	.83	.00	5.50	965.7	.00132
5	970.2	345.8	885.7	.00	.86	.00	7.73	966.1	.00143
6	971.3	417.9	1245.5	.00	.90	.00	10.87	966.7	.00160
7	972.8	517.7	1750.8	.00	.94	.00	15.28	967.3	.00167
8	974.5	632.9	2461.2	.00	.99	.00	21.48	968.1	.00183
9	976.4	774.6	3460.3	.00	1.04	.00	30.20	969.1	.00202
ZERO DAMG	977.2	836.2	3971.8	.00	1.06	.00			
BANK FULL	977.9	909.1	4413.0	.51	1.08	.00			
10	978.6	989.6	4866.3	.75	1.09	.00	42.47	970.4	.00218
11	980.9	1464.1	6842.8	2.79	1.10	.00	59.72	971.9	.00223
12	983.3	2159.4	9620.2	3.03	1.10	.00	83.96	973.8	.00212
13	986.0	3024.3	13527.4	3.31	1.10	.00	118.06	976.1	.00197
14	989.4	4154.4	19020.5	3.65	1.10	.00	166.00	980.9	.00178
15	992.2	5136.9	22916.2	3.92	1.10	.00	200.00	981.6	.00150

SEGMENT TABLE FOR SECTION 23

CSM			TOTAL	SEG NO 1 D	2 C	3 D
1	DISCHARGE CFS		227.	0.	227.	0.
3.	VELOCITY FPS		1.45	.00	1.45	.00
2	DISCHARGE CFS		319.	0.	319.	0.
4.	VELOCITY FPS		1.65	.00	1.65	.00
3	DISCHARGE CFS		448.	0.	448.	0.
6.	VELOCITY FPS		1.97	.00	1.97	.00
4	DISCHARGE CFS		630.	0.	630.	0.
8.	VELOCITY FPS		2.23	.00	2.23	.00
5	DISCHARGE CFS		886.	0.	886.	0.
12.	VELOCITY FPS		2.56	.00	2.56	.00
6	DISCHARGE CFS		1245.	0.	1245.	0.
16.	VELOCITY FPS		2.98	.00	2.98	.00
7	DISCHARGE CFS		1751.	0.	1751.	0.
23.	VELOCITY FPS		3.38	.00	3.38	.00
8	DISCHARGE CFS		2461.	0.	2461.	0.
32.	VELOCITY FPS		3.89	.00	3.89	.00
9	DISCHARGE CFS		3460.	0.	3460.	0.
45.	VELOCITY FPS		4.47	.00	4.47	.00
10	DISCHARGE CFS		4866.	31.	4835.	1.
64.	VELOCITY FPS		5.09	.78	5.10	.21
11	DISCHARGE CFS		6843.	189.	6476.	177.
90.	VELOCITY FPS		5.60	1.45	5.74	.85
12	DISCHARGE CFS		9620.	463.	8190.	967.
126.	VELOCITY FPS		5.79	1.98	6.21	1.59
13	DISCHARGE CFS		13527.	885.	10246.	2396.
177.	VELOCITY FPS		5.90	2.39	6.65	2.15
14	DISCHARGE CFS		19020.	1525.	12793.	4702.
249.	VELOCITY FPS		5.99	2.75	7.06	2.63
15	DISCHARGE CFS		22916.	2043.	14241.	6652.
301.	VELOCITY FPS		5.78	2.84	6.99	2.79
1	ELEV	967.0 KD	6901.	1.	6899.	1.
2	ELEV	967.6 KD	9551.	1.	9549.	1.
3	ELEV	968.2 KD	12409.	1.	12407.	1.
4	ELEV	969.2 KD	17317.	1.	17315.	1.
5	ELEV	970.2 KD	23456.	1.	23454.	1.
6	ELEV	971.5 KD	31182.	1.	71180.	1.
7	ELEV	972.8 KD	42838.	1.	42836.	1.
8	ELEV	974.5 KD	57482.	1.	57480.	1.
9	ELEV	976.4 KD	76973.	1.	76971.	1.
10	ELEV	978.6 KD	104068.	537.	103529.	2.
11	ELEV	980.9 KD	144821.	3971.	137284.	3566.
12	ELEV	983.3 KD	208314.	9932.	178101.	20281.
13	ELEV	986.0 KD	304441.	19842.	231117.	53482.
14	ELEV	989.4 KD	450102.	36060.	302976.	111066.
15	ELEV	992.2 KD	590698.	52590.	367057.	171051.

KD TABLE FOR CROSS SECTION 23

ELEVATION	AREA	KD	KD BY SEGMENT		
964.00	0.				
965.	48.	1046.	1.	1044.	1.
966.	101.	3465.	1.	3463.	1.
967.	157.	6900.	1.	6898.	1.
968.	214.	11225.	1.	11223.	1.
969.	273.	16368.	1.	16366.	1.
970.	334.	22283.	1.	22281.	1.
971.	398.	28938.	1.	28936.	1.
972.	463.	36313.	1.	36311.	1.
973.	530.	44397.	1.	44395.	1.
974.	600.	53180.	1.	53178.	1.
975.	671.	62657.	1.	62655.	1.
976.	745.	72826.	1.	72824.	1.
977.	821.	83692.	1.	83689.	1.
978.	920.	95842.	58.	95579.	1.
979.	1039.	109858.	862.	108778.	8.
980.	1226.	126902.	2310.	123426.	233.
981.	1501.	148061.	4209.	139391.	4025.
982.	1789.	173102.	6493.	156111.	9901.
983.	2084.	201283.	9167.	173565.	17853.
984.	2386.	232422.	12299.	191729.	27943.
985.	2694.	266504.	15854.	210732.	39918.
986.	3012.	303256.	19679.	230334.	52911.
987.	3337.	342728.	23932.	250648.	67777.
988.	3666.	385055.	28660.	271689.	84707.
989.	4006.	429808.	33683.	293330.	102483.
990.	4352.	477357.	39186.	315674.	122300.
991.	4704.	527518.	45072.	338671.	143652.
992.	5065.	580126.	51297.	362284.	166317.
993.	5430.	635489.	57978.	386562.	190856.
994.	5806.	693236.	64982.	411431.	216601.
995.	6186.	753717.	72439.	436945.	244189.
996.	6574.	816720.	80276.	463059.	273235.
997.	6970.	882289.	88513.	489773.	303639.
998.	7371.	950563.	97191.	517102.	336193.
999.	7782.	1021253.	106228.	544989.	369870.
1000.	8196.	1094813.	115761.	573504.	405549.
1001.	8616.	1175551.	126312.	602537.	446414.
1002.	9036.	1259851.	137504.	632207.	490140.
1003.	9456.	1342135.	147816.	662225.	530983.
1004.	9876.	1427507.	158612.	692854.	574066.
1005.	10296.	1515996.	169899.	724092.	619451.
1006.	10716.	1607640.	181688.	755933.	667199.

RATING TABLE FOR SECTION 71 DA= 78.2

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	963.8	0.0	0.0						
1	967.7	157.3	226.8	.00	1.10	.00	1.98	965.4	.00097
2	968.4	192.8	318.5	.00	1.13	.00	2.78	965.6	.00102
3	969.1	231.3	447.9	.00	1.16	.00	3.91	965.9	.00113
4	970.0	284.7	630.1	.00	1.21	.00	5.50	966.2	.00122
5	971.1	349.6	885.5	.00	1.26	.00	7.73	966.7	.00130
6	972.4	426.1	1245.2	.00	1.32	.00	10.87	967.3	.00143
BANK FULL	973.0	464.7	1447.8	.00	1.34	.00			
ZERO DAMG	973.0	464.7	1447.8	.00	1.34	.00			
7	973.9	524.6	1750.4	.00	1.36	.00	15.28	968.0	.00151
8	975.6	647.0	2460.6	.00	1.40	.00	21.48	968.8	.00162
9	977.7	805.2	3459.6	.11	1.44	.00	30.20	969.9	.00174
10	980.0	1050.0	4865.1	1.04	1.48	.00	42.47	971.2	.00184
11	982.3	1383.0	6841.2	1.33	1.48	.00	59.72	972.8	.00197
12	984.7	1758.1	9618.0	1.54	1.48	.00	83.96	974.8	.00220
13	987.5	2221.2	13524.4	1.78	1.48	.00	118.06	977.2	.00244
14	990.8	2823.2	19016.1	2.07	1.48	.00	166.00	980.8	.00263
15	993.4	3326.4	22911.0	2.31	1.48	.00	200.00	982.0	.00253

SEGMENT TABLE FOR SECTION 71

OSM		TOTAL	SEG NO 1 D	2 C	3 D
1	DISCHARGE CFS	227.	0.	227.	0.
3.	VELOCITY FPS	1.45	.00	1.44	.00
2	DISCHARGE CFS	318.	0.	318.	0.
4.	VELOCITY FPS	1.65	.00	1.65	.00
3	DISCHARGE CFS	448.	0.	448.	0.
6.	VELOCITY FPS	1.94	.00	1.94	.00
4	DISCHARGE CFS	630.	0.	630.	0.
8.	VELOCITY FPS	2.22	.00	2.21	.00
5	DISCHARGE CFS	886.	0.	886.	0.
12.	VELOCITY FPS	2.54	.00	2.53	.00
6	DISCHARGE CFS	1245.	0.	1245.	0.
16.	VELOCITY FPS	2.93	.00	2.92	.00
7	DISCHARGE CFS	1750.	1.	1750.	0.
23.	VELOCITY FPS	3.35	.39	3.34	.00
8	DISCHARGE CFS	2461.	8.	2453.	0.
32.	VELOCITY FPS	3.85	.71	3.86	.00
9	DISCHARGE CFS	3460.	35.	3424.	0.
45.	VELOCITY FPS	4.42	1.07	4.43	.00
10	DISCHARGE CFS	4865.	105.	4728.	33.
64.	VELOCITY FPS	5.01	1.43	5.07	.74
11	DISCHARGE CFS	6841.	231.	6388.	222.
90.	VELOCITY FPS	5.66	1.78	5.83	1.40
12	DISCHARGE CFS	9618.	451.	8578.	590.
126.	VELOCITY FPS	6.45	2.19	6.78	2.05
13	DISCHARGE CFS	13524.	838.	11464.	1222.
177.	VELOCITY FPS	7.32	2.66	7.85	2.74
14	DISCHARGE CFS	19016.	1509.	15260.	2247.
249.	VELOCITY FPS	8.22	3.17	9.01	3.44
15	DISCHARGE CFS	22911.	2109.	17693.	3109.
301.	VELOCITY FPS	8.49	3.37	9.44	3.76
1	ELEV 967.7 KD	7275.	1.	7273.	1.
2	ELEV 968.4 KD	9970.	1.	9968.	1.
3	ELEV 969.1 KD	13172.	1.	13170.	1.
4	ELEV 970.0 KD	18060.	1.	18058.	1.
5	ELEV 971.1 KD	24570.	1.	24568.	1.
6	ELEV 972.4 KD	32893.	1.	32891.	1.
7	ELEV 973.9 KD	45018.	10.	45008.	1.
8	ELEV 975.6 KD	61210.	178.	61033.	1.
9	ELEV 977.7 KD	83007.	808.	82197.	1.
10	ELEV 980.0 KD	113012.	2391.	110148.	454.
11	ELEV 982.3 KD	153849.	5159.	143866.	4823.
12	ELEV 984.7 KD	205193.	9601.	183054.	12538.
13	ELEV 987.5 KD	273837.	16910.	232302.	24625.
14	ELEV 990.8 KD	370630.	29382.	297517.	43730.
15	ELEV 993.4 KD	455725.	41810.	352233.	61682.

KD TABLE FOR CROSS SECTION 71

ELEVATION	AREA	KD	KD BY SEGMENT		
963.80	0.				
964.	1.	5.	1.	3.	1.
965.	26.	415.	1.	413.	1.
966.	73.	2134.	1.	2132.	1.
967.	122.	4881.	1.	4879.	1.
968.	173.	8482.	1.	8480.	1.
969.	227.	12836.	1.	12834.	1.
970.	283.	17931.	1.	17929.	1.
971.	341.	23727.	1.	23725.	1.
972.	402.	30201.	1.	30199.	1.
973.	465.	37437.	2.	37434.	1.
974.	530.	45765.	12.	45747.	1.
975.	600.	54923.	83.	54831.	1.
976.	674.	64835.	248.	64573.	1.
977.	751.	75513.	545.	74967.	1.
978.	833.	86971.	980.	85973.	1.
979.	930.	99319.	1594.	97602.	29.
980.	1053.	113628.	2409.	110440.	471.
981.	1193.	130062.	3444.	124444.	1954.
982.	1337.	148190.	4735.	139282.	4173.
983.	1488.	167831.	6255.	154715.	6678.
984.	1643.	188885.	8068.	170821.	9833.
985.	1801.	211363.	10190.	187578.	13529.
986.	1965.	235240.	12616.	204938.	17614.
987.	2134.	260494.	15359.	222887.	22091.
988.	2306.	287170.	18482.	241477.	27153.
989.	2484.	315215.	21946.	260425.	32538.
990.	2666.	344661.	25797.	280361.	38389.
991.	2852.	375536.	30074.	300700.	44762.
992.	3045.	407852.	34602.	321551.	51398.
993.	3241.	441203.	39576.	342987.	58555.
994.	3442.	476170.	44991.	364969.	66120.
995.	3650.	512588.	50892.	387491.	74100.
996.	3860.	550480.	57312.	410567.	82552.
997.	4079.	589856.	64236.	434145.	91361.
998.	4299.	630746.	71734.	458288.	100724.
999.	4528.	673148.	79747.	482899.	110389.
1000.	4758.	717474.	88610.	508064.	120729.
1001.	4993.	764995.	99126.	533704.	131965.
1002.	5228.	813807.	110181.	559854.	143600.
1003.	5463.	862390.	120484.	586350.	154617.
1004.	5698.	912538.	131455.	613384.	166169.
1005.	5933.	964264.	143118.	640955.	178270.

TABLE OF VALUES FOR BPR EQUATION

COEFK	AKB	DGTAK	SIGMA	DKE	DKS	M	ALPHA	ALPHA2	BRIDA	APPAR	AEXIT
.1001	.0000	.1001	.9979	.0000	.0000	.9999	1.0000	1.0000	256.1108	291.1140	241.8002
DCRIT	963.69	KBCRIT=									
.0943	.0000	.0943	.9979	.0000	.0000	.9999	1.0000	1.0000	303.0268	333.7195	280.6392
DCRIT	963.93	KBCRIT=									
.0886	.0000	.0886	.9979	.0000	.0000	.9999	1.0000	1.0000	356.6196	379.4773	322.9871
DCRIT	964.23	KBCRIT=									
.0818	.0000	.0818	.9979	.0000	.0000	.9999	1.0000	1.0000	434.0833	442.5388	381.1641
DCRIT	964.60	KBCRIT=									
.0747	.0000	.0747	.9979	.0000	.0000	.9999	1.0000	1.0000	533.3403	516.0557	451.7712
DCRIT	965.06	KBCRIT=									
.0677	.0000	.0677	.9979	.0000	.0000	.9999	1.0000	1.0000	656.2102	601.7615	536.1064
DCRIT	965.65	KBCRIT=									
.0604	.0000	.0604	.9979	.0000	.0000	.9999	1.0000	1.0000	821.4707	707.7400	646.5562
DCRIT	966.41	KBCRIT=									
.0581	.0000	.0581	.9979	.0000	.0000	.9999	1.0000	1.0000	1121.8638	894.0798	783.8796
DCRIT	967.31	KBCRIT=									
.2091	.1409	.0682	.9809	.0000	.0000	.9007	1.5233	1.4713	1565.6489	1460.8687	979.1953
DCRIT	968.35	KBCRIT=									
.4715	.3917	.0798	.9324	.0000	.0000	.7815	1.4970	1.3884	2104.7783	2424.2278	1311.6038
DCRIT	969.57	KBCRIT=									
.6724	.5872	.0852	.8890	.0000	.0000	.7082	1.3371	1.2387	2671.6577	3432.7581	1673.3491
DCRIT	970.99	KBCRIT=									
.8191	.7321	.0870	.8554	.0000	.0000	.6600	1.2257	1.1489	3295.7043	4559.2461	2081.7441
DCRIT	972.64	KBCRIT=									
.9304	.8432	.0872	.8292	.0000	.0000	.6256	1.1568	1.0981	4042.5244	5914.0664	2582.3669
DCRIT	975.53	KBCRIT=									
1.0571	.9720	.0852	.7985	.0000	.0000	.5879	1.1134	1.0667	4981.2227	7627.6836	3231.4521
DCRIT	976.95	KBCRIT=									
1.1273	1.0438	.0836	.7813	.0000	.0000	.5679	1.0952	1.0541	5711.5352	8932.0391	3759.9690
DCRIT	977.85	KBCRIT=									

ROAD SECTION RR

NO.	HW	CFS	HL	TW	CSM
0	962.30	0.00	0.00	0.00	0.00
1	967.78	226.82	.02	967.76	1.98
2	968.47	318.46	.02	968.45	2.78
3	969.21	447.81	.02	969.19	3.91
4	970.20	630.05	.04	970.16	5.50
5	971.34	885.51	.04	971.30	7.73
6	972.64	1245.21	.06	972.58	10.87
7	974.22	1750.40	.08	974.14	15.28
8	976.00	2460.64	.10	975.90	21.48
9	978.15	3459.56	.18	977.97	30.20
10	980.66	4865.15	.34	980.32	42.47
11	983.17	6841.22	.48	982.69	59.72
12	985.85	9618.03	.66	985.19	83.96
13	988.93	13524.36	.88	988.05	118.06
14	992.61	19016.12	1.16	991.45	166.00
15	995.20	22910.98	1.26	994.02	200.00

MIN ROAD ELEVATION 1000.40

BRIDGE TYPE 2 GIRDER BOTTOM ELEVATION = 998.50 OPENING NO.= 1

RATING TABLE FOR SECTION 73 DA= 76.2

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	964.6	0.0	0.0						
1	968.0	162.2	226.8	.00	.24	.00	1.98	965.9	.00105
2	968.6	202.5	318.5	.00	.25	.00	2.78	966.1	.00102
3	969.4	246.8	447.9	.00	.25	.00	3.91	966.4	.00108
4	970.4	307.3	630.1	.00	.25	.00	5.50	966.7	.00107
5	971.5	378.3	885.5	.00	.26	.00	7.73	967.1	.00112
6	972.8	461.5	1245.2	.00	.27	.00	10.87	967.6	.00120
7	974.4	564.5	1750.4	.00	.27	.00	15.28	968.2	.00129
8	976.2	684.6	2460.6	.00	.28	.00	21.48	969.0	.00144
ZERO DAMG	977.2	759.6	2936.0	.00	.28	.00			
9	978.3	391.1	3459.6	.01	.29	.00	30.20	970.0	.00158
BANK FULL	980.1	1331.6	4486.5	.28	.30	.00			
10	980.8	1572.1	4865.1	.38	.30	.00	42.47	971.2	.00132
11	983.3	2532.2	6841.2	.43	.30	.00	59.72	972.7	.00092
12	985.9	3609.0	9613.0	.46	.30	.00	83.94	974.6	.00071
13	989.0	4910.1	13524.4	.50	.30	.00	118.06	979.6	.00059
14	992.7	6561.0	19016.1	.55	.30	.00	166.00	980.8	.00050
15	995.3	7815.5	22911.0	.59	.30	.00	200.00	981.5	.00043

SEGMENT TABLE FOR SECTION 73

CSM		TOTAL	SEG NO 1 D	2 C	3 D
1	DISCHARGE CFS	227.	0.	227.	0.
3.	VELOCITY FPS	1.40	.00	1.40	.00
2	DISCHARGE CFS	318.	0.	318.	0.
4.	VELOCITY FPS	1.57	.00	1.57	.00
3	DISCHARGE CFS	448.	0.	448.	0.
6.	VELOCITY FPS	1.82	.00	1.81	.00
4	DISCHARGE CFS	630.	0.	630.	0.
8.	VELOCITY FPS	2.05	.00	2.05	.00
5	DISCHARGE CFS	886.	0.	886.	0.
12.	VELOCITY FPS	2.34	.00	2.34	.00
6	DISCHARGE CFS	1245.	0.	1245.	0.
16.	VELOCITY FPS	2.70	.00	2.70	.00
7	DISCHARGE CFS	1750.	0.	1750.	0.
23.	VELOCITY FPS	3.10	.00	3.10	.00
8	DISCHARGE CFS	2461.	0.	2461.	0.
32.	VELOCITY FPS	3.60	.00	3.59	.00
9	DISCHARGE CFS	3460.	42.	3416.	2.
45.	VELOCITY FPS	4.10	.74	4.12	.47
10	DISCHARGE CFS	4865.	581.	4150.	134.
64.	VELOCITY FPS	3.88	1.30	4.13	1.13
11	DISCHARGE CFS	6841.	1796.	4541.	504.
90.	VELOCITY FPS	3.30	1.75	3.84	1.58
12	DISCHARGE CFS	9618.	3442.	513.	1040.
126.	VELOCITY FPS	3.07	2.06	3.73	1.85
13	DISCHARGE CFS	13524.	5711.	5987.	1827.
177.	VELOCITY FPS	3.03	2.34	3.75	2.08
14	DISCHARGE CFS	19016.	8880.	7138.	2998.
249.	VELOCITY FPS	3.10	2.62	3.83	2.29
15	DISCHARGE CFS	22911.	11166.	7844.	3900.
301.	VELOCITY FPS	3.09	2.72	3.82	2.36
1	ELEV 968.0 KD	6998.	1.	6995.	1.
2	ELEV 968.6 KD	9977.	1.	9974.	1.
3	ELEV 969.4 KD	13651.	1.	13648.	1.
4	ELEV 970.4 KD	19225.	1.	19222.	1.
5	ELEV 971.5 KD	26513.	1.	26511.	1.
6	ELEV 972.8 KD	35927.	1.	35924.	1.
7	ELEV 974.4 KD	48696.	1.	46693.	1.
8	ELEV 976.2 KD	64879.	1.	64876.	1.
9	ELEV 978.3 KD	86522.	439.	86072.	11.
10	ELEV 980.8 KD	132122.	14431.	114599.	3092.
11	ELEV 983.3 KD	224903.	58166.	150595.	16221.
12	ELEV 985.9 KD	361110.	128767.	193481.	38862.
13	ELEV 989.0 KD	558677.	275518.	247908.	75251.
14	ELEV 992.7 KD	851400.	397235.	320181.	133983.
15	ELEV 995.3 KD	1100857.	536454.	377071.	187332.

KD TABLE FOR CROSS SECTION 73

ELEVATION	AREA	KD	KD BY SEGMENT		
964.60	0.				
965.	4.	35.	1.	32.	1.
966.	48.	961.	1.	957.	1.
967.	106.	3523.	1.	3520.	1.
968.	164.	7154.	1.	7151.	1.
969.	224.	11713.	1.	11710.	1.
970.	285.	17072.	1.	17069.	1.
971.	347.	23171.	1.	23168.	1.
972.	409.	29933.	1.	29930.	1.
973.	473.	37328.	1.	37325.	1.
974.	538.	45329.	1.	45326.	1.
975.	604.	53902.	1.	53900.	1.
976.	671.	63027.	1.	63024.	1.
977.	744.	72722.	7.	72682.	1.
978.	840.	83341.	205.	82861.	3.
979.	1006.	96010.	2319.	93548.	143.
980.	1302.	114032.	7270.	104803.	1138.
981.	1662.	140808.	17500.	117845.	3966.
982.	2043.	174750.	32918.	131937.	8540.
983.	2432.	214826.	53016.	146749.	14641.
984.	2828.	260252.	75838.	162188.	21750.
985.	3232.	310538.	101688.	178186.	30012.
986.	3642.	365962.	131119.	194820.	39638.
987.	4058.	426405.	163798.	212054.	50553.
988.	4485.	490618.	198085.	229825.	62245.
989.	4917.	560034.	236108.	248195.	75458.
990.	5355.	633953.	276793.	267126.	89862.
991.	5803.	711878.	319654.	286591.	105330.
992.	6255.	794783.	365793.	306825.	122260.
993.	6717.	881569.	413944.	327177.	140256.
994.	7185.	972723.	464683.	348260.	159544.
995.	7659.	1068615.	518357.	369884.	180264.
996.	8143.	1168131.	573815.	392001.	202094.
997.	8629.	1272755.	632546.	414665.	225545.
998.	9129.	1380196.	692230.	437792.	249983.
999.	9632.	1493262.	755417.	461452.	276315.
1000.	10145.	1612492.	821605.	485585.	304920.
1001.	10659.	1735618.	890152.	510168.	334702.
1002.	11175.	1861398.	959256.	535146.	365072.
1003.	11691.	1992606.	1031683.	560637.	397284.
1004.	12207.	2129332.	1107505.	586640.	431401.

RATING TABLE FOR SECTION 24 DA= 78.1

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	966.3	0.0	0.0						
1	969.0	164.7	226.7	.00	1.53	.00	1.98	967.1	.00109
2	969.6	205.6	318.2	.00	1.56	.00	2.78	967.2	.00106
3	970.4	256.5	447.6	.00	1.59	.00	3.91	967.5	.00104
4	971.3	321.9	629.6	.00	1.62	.00	5.50	967.8	.00101
5	972.5	400.3	884.9	.00	1.67	.00	7.73	968.2	.00102
6	973.9	498.6	1244.4	.00	1.72	.00	10.87	968.6	.00103
7	975.5	616.5	1749.2	.00	1.78	.00	15.28	969.2	.00107
8	977.3	759.2	2459.0	.00	1.85	.00	21.48	970.0	.00114
BANK FULL	978.7	870.8	3080.4	.00	1.89	.00			
ZERO DAMG	978.7	870.8	3080.4	.00	1.89	.00			
9	979.5	948.3	3457.2	.99	1.91	.00	30.20	970.9	.00120
10	981.9	1427.9	4861.9	4.72	1.91	.00	42.47	972.0	.00114
11	984.2	2250.1	6836.6	5.52	1.91	.00	59.72	973.4	.00106
12	986.8	3165.9	9611.5	6.33	1.91	.00	83.96	975.2	.00100
13	989.8	4341.7	13515.2	7.17	1.91	.00	118.06	977.4	.00093
14	993.4	5898.5	19003.3	8.10	1.91	.00	166.00	981.9	.00085
15	996.0	7115.2	22895.5	8.75	1.91	.00	200.00	982.6	.00077

SEGMENT TABLE FOR SECTION 24

CSM		TOTAL	SEG NO 1 D	2 C	3 D
1	DISCHARGE CFS	227.	0.	227.	0.
3.	VELOCITY FPS	1.38	.00	1.38	.00
2	DISCHARGE CFS	318.	0.	318.	0.
4.	VELOCITY FPS	1.55	.00	1.55	.00
3	DISCHARGE CFS	448.	0.	448.	0.
6.	VELOCITY FPS	1.75	.00	1.74	.00
4	DISCHARGE CFS	630.	0.	630.	0.
8.	VELOCITY FPS	1.96	.00	1.96	.00
5	DISCHARGE CFS	885.	0.	885.	0.
12.	VELOCITY FPS	2.21	.00	2.21	.00
6	DISCHARGE CFS	1244.	0.	1244.	0.
16.	VELOCITY FPS	2.50	.00	2.50	.00
7	DISCHARGE CFS	1749.	0.	1749.	0.
23.	VELOCITY FPS	2.84	.00	2.84	.00
8	DISCHARGE CFS	2459.	0.	2459.	0.
32.	VELOCITY FPS	3.24	.00	3.24	.00
9	DISCHARGE CFS	3457.	3.	3453.	2.
45.	VELOCITY FPS	3.70	.32	3.70	.25
10	DISCHARGE CFS	4642.	87.	4576.	199.
64.	VELOCITY FPS	3.97	.72	4.09	.77
11	DISCHARGE CFS	6837.	380.	5696.	761.
90.	VELOCITY FPS	4.02	1.19	4.36	1.22
12	DISCHARGE CFS	9612.	873.	7046.	1692.
126.	VELOCITY FPS	4.08	1.55	4.66	1.55
13	DISCHARGE CFS	13515.	1666.	8697.	3152.
178.	VELOCITY FPS	4.15	1.89	4.97	1.84
14	DISCHARGE CFS	19003.	2854.	10740.	5409.
250.	VELOCITY FPS	4.21	2.22	5.27	2.10
15	DISCHARGE CFS	22895.	3749.	11947.	7200.
301.	VELOCITY FPS	4.16	2.35	5.32	2.20
1	ELEV 969.0 KD	6876.	1.	6874.	1.
2	ELEV 969.6 KD	9789.	1.	9787.	1.
3	ELEV 970.4 KD	13895.	1.	13893.	1.
4	ELEV 971.3 KD	19823.	1.	19821.	1.
5	ELEV 972.5 KD	27773.	1.	27771.	1.
6	ELEV 973.9 KD	38846.	1.	38844.	1.
7	ELEV 975.5 KD	53306.	1.	53304.	1.
8	ELEV 977.3 KD	72959.	1.	72957.	1.
9	ELEV 979.5 KD	99797.	69.	99694.	34.
10	ELEV 981.9 KD	143594.	2545.	135288.	5762.
11	ELEV 984.2 KD	209271.	11361.	175095.	22825.
12	ELEV 986.8 KD	303812.	27334.	223466.	53013.
13	ELEV 989.8 KD	442292.	54238.	285366.	102688.
14	ELEV 993.4 KD	650415.	97626.	367787.	185002.
15	ELEV 996.0 KD	826585.	135183.	432028.	259405.

KD TABLE FOR CROSS SECTION 24

ELEVATION	AREA	KD	KD BY SEGMENT		
966.30	0.				
967.	42.	756.	1.	754.	1.
968.	104.	3293.	1.	3290.	1.
969.	168.	7085.	1.	7083.	1.
970.	233.	11933.	1.	11931.	1.
971.	300.	17723.	1.	17721.	1.
972.	368.	24381.	1.	24379.	1.
973.	438.	31854.	1.	31852.	1.
974.	509.	40104.	1.	40102.	1.
975.	582.	49101.	1.	49099.	1.
976.	657.	58821.	1.	58819.	1.
977.	733.	69248.	1.	69246.	1.
978.	811.	80368.	1.	80366.	1.
979.	898.	92800.	12.	92745.	8.
980.	1038.	107400.	186.	106552.	154.
981.	1255.	125153.	1039.	121612.	1911.
982.	1539.	146977.	2850.	137460.	6457.
983.	1852.	173273.	6104.	154063.	12831.
984.	2181.	203218.	10274.	171399.	20799.
985.	2523.	236515.	15620.	189487.	30882.
986.	2876.	273251.	21975.	208306.	42854.
987.	3247.	313348.	29018.	227808.	56194.
988.	3632.	356978.	37196.	248005.	71382.
989.	4028.	404159.	46518.	268893.	88496.
990.	4437.	454810.	56767.	290446.	107321.
991.	4859.	508852.	67835.	312653.	128009.
992.	5289.	566488.	79960.	335531.	150928.
993.	5735.	627299.	92438.	359023.	175367.
994.	6191.	691620.	106281.	383140.	201952.
995.	6656.	759452.	120820.	407932.	230634.
996.	7139.	830472.	135923.	433293.	260957.
997.	7626.	905276.	152138.	459296.	293788.
998.	8132.	983263.	168877.	485871.	328279.
999.	8644.	1065807.	186854.	513062.	365734.
1000.	9169.	1153782.	206120.	540831.	406593.
1001.	9697.	1245211.	225454.	569126.	449498.
1002.	10227.	1340010.	244618.	597934.	494300.
1003.	10757.	1439107.	264813.	627344.	542142.
1004.	11287.	1542571.	286066.	657352.	593142.

TABLE OF VALUES FOR BPR EQUATION

COEFK	AKB	DGTAK	SIGMA	DKE	DKS	M	ALPHA	ALPHA2	BRIDA	APPAR	AEXIT
.6180	.3856	.2325	.9301	.0000	.0000	.7841	1.0000	1.0000	179.3518	283.6396	240.0634
DCRIT	966.19	KBCRIT=									
.5818	.3510	.2308	.9378	.0000	.0000	.7984	1.0000	1.0000	213.4018	335.1570	282.6882
DCRIT	966.41	KBCRIT=									
.5428	.3146	.2282	.9457	.0000	.0000	.8142	1.0000	1.0000	256.4534	397.4128	335.7725
DCRIT	966.72	KBCRIT=									
.4921	.2670	.2251	.9558	.0000	.0000	.8358	1.0000	1.0000	312.5227	478.8843	403.5093
DCRIT	967.09	KBCRIT=									
.4392	.2183	.2209	.9657	.0000	.0000	.8594	1.0000	1.0000	381.1790	574.0127	484.7271
DCRIT	967.55	KBCRIT=									
.3791	.1634	.2157	.9762	.0000	.0000	.8881	1.0000	1.0000	469.0962	695.1880	586.3767
DCRIT	968.12	KBCRIT=									
.3183	.1090	.2093	.9856	.0000	.0000	.9195	1.0000	1.0000	577.3918	838.8757	708.3613
DCRIT	968.83	KBCRIT=									
.2628	.0000	.2028	.9990	.0000	.0000	.9999	1.0000	1.0000	712.1211	1020.0513	859.0300
DCRIT	969.71	KBCRIT=									
.1927	.0043	.1883	.9986	.0000	.0000	.9943	1.0792	1.0788	918.4836	1292.6475	1190.4260
DCRIT	970.78	KBCRIT=									
.2094	.0303	.1791	.9963	.0000	.0000	.9732	1.1761	1.1714	1188.3567	1657.5190	1892.5574
DCRIT	972.10	KBCRIT=									
.2223	.0529	.1693	.9937	.0000	.0000	.9565	1.2632	1.2517	1483.3999	2072.7700	2685.8308
DCRIT	973.71	KBCRIT=									
.2307	.0718	.1589	.9912	.0000	.0000	.9434	1.3214	1.3033	1839.3560	2571.3474	3643.7869
DCRIT	975.66	KBCRIT=									
.2034	.0551	.1483	.9934	.0000	.0000	.9549	1.4158	1.3970	2294.1460	3194.9250	4862.2305
DCRIT	978.86	KBCRIT=									
.2364	.0950	.1413	.9878	.0000	.0000	.9282	1.5512	1.5116	2800.8228	4202.1289	6467.6367
DCRIT	981.22	KBCRIT=									
.0000	.0000	.0000	.0000	.0000	.0000	.0000	1.5512	1.5116	2843.9023	4202.1289	6467.6367
DCRIT	-1.00	KBCRIT=									

ROAD SECTION SR2000

NO.	HW	CFS	HL	TW	CSM
0	965.20	0.00	0.00	0.00	0.00
1	969.03	226.67	.02	969.01	1.98
2	969.69	318.25	.04	969.65	2.78
3	970.47	447.41	.04	970.43	3.91
4	971.45	629.83	.04	971.41	5.50
5	972.62	884.91	.06	972.56	7.73
6	974.04	1244.37	.08	973.96	10.87
7	975.66	1748.22	.08	975.58	15.28
8	977.57	2458.98	.10	977.47	21.48
9	979.79	3457.22	.12	979.67	30.20
10	982.17	4861.86	.14	982.03	42.47
11	984.46	6836.59	.10	984.36	59.72
12	987.01	9611.82	.08	986.93	83.96
13	989.91	13515.21	.00	989.91	118.06
14	993.49	19003.25	.00	993.49	166.00
15	998.63	22895.48	2.56	996.07	200.00

MIN ROAD ELEVATION 996.70

BRIDGE TYPE 2 GIRDER BOTTOM ELEVATION = 991.80 OPENING NO.= 1

RATING TABLE FOR SECTION 26 DA= 76.1

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	966.2	0.0	0.0						
1	969.1	209.8	226.7	.00	.17	.00	1.98	966.9	.00060
2	969.7	259.9	318.2	.00	.18	.00	2.78	967.1	.00059
3	970.5	320.6	447.6	.00	.18	.00	3.91	967.3	.00060
4	971.5	396.3	629.6	.00	.18	.00	5.50	967.5	.00061
5	972.7	493.1	884.9	.00	.19	.00	7.73	967.9	.00062
6	974.1	611.6	1244.4	.00	.20	.00	10.87	968.3	.00063
7	975.7	752.5	1749.2	.00	.20	.00	15.28	968.8	.00067
8	977.6	924.8	2458.0	.00	.21	.00	21.48	969.5	.00071
BANK FULL	978.5	1010.2	2853.1	.00	.21	.00			
ZERO DAME	978.5	1010.2	2853.1	.00	.21	.00			
9	979.8	1164.4	3457.2	.02	.22	.00	30.20	970.3	.00075
10	982.2	1500.8	4861.9	.07	.22	.00	42.47	971.4	.00078
11	984.5	1890.5	6834.8	.12	.22	.00	59.72	972.7	.00088
12	987.1	2378.5	9611.5	.14	.22	.00	83.96	974.3	.00100
13	990.0	2972.0	13515.2	.17	.22	.00	118.06	976.2	.00113
14	993.5	3912.6	19003.3	.32	.22	.00	164.00	979.5	.00124
15	998.7	5588.3	22395.5	.31	.22	.00	200.00	981.0	.00083

SEGMENT TABLE FOR SECTION 26

CSM		TOTAL	SEG NO 1 D	2 C	3 D
1	DISCHARGE CFS	227.	0.	227.	0.
3.	VELOCITY FPS	1.08	.00	1.08	.00
2	DISCHARGE CFS	318.	0.	318.	0.
4.	VELOCITY FPS	1.23	.00	1.22	.00
3	DISCHARGE CFS	448.	0.	448.	0.
6.	VELOCITY FPS	1.40	.00	1.40	.00
4	DISCHARGE CFS	630.	0.	630.	0.
8.	VELOCITY FPS	1.58	.00	1.58	.00
5	DISCHARGE CFS	885.	0.	885.	0.
12.	VELOCITY FPS	1.80	.00	1.79	.00
6	DISCHARGE CFS	1244.	0.	1244.	0.
16.	VELOCITY FPS	2.04	.00	2.03	.00
7	DISCHARGE CFS	1749.	0.	1749.	0.
23.	VELOCITY FPS	2.33	.00	2.32	.00
8	DISCHARGE CFS	2459.	0.	2459.	0.
32.	VELOCITY FPS	2.66	.00	2.66	.00
9	DISCHARGE CFS	3457.	0.	3442.	15.
45.	VELOCITY FPS	3.04	.25	3.04	.49
10	DISCHARGE CFS	4862.	17.	4744.	102.
64.	VELOCITY FPS	3.46	.53	3.49	.91
11	DISCHARGE CFS	6837.	95.	6480.	261.
90.	VELOCITY FPS	4.02	.84	4.11	1.30
12	DISCHARGE CFS	9612.	329.	8749.	534.
126.	VELOCITY FPS	4.62	1.33	4.81	1.71
13	DISCHARGE CFS	13515.	773.	11767.	975.
178.	VELOCITY FPS	5.30	1.85	5.62	2.13
14	DISCHARGE CFS	19003.	1448.	15845.	1710.
250.	VELOCITY FPS	6.02	1.78	6.51	2.57
15	DISCHARGE CFS	22895.	2782.	17602.	2512.
301.	VELOCITY FPS	5.38	1.69	6.03	2.46
1	ELEV 969.1 KD	9279.	1.	9277.	1.
2	ELEV 969.7 KD	13057.	1.	13055.	1.
3	ELEV 970.5 KD	18198.	1.	18196.	1.
4	ELEV 971.5 KD	25554.	1.	25552.	1.
5	ELEV 972.7 KD	35585.	1.	35583.	1.
6	ELEV 974.1 KD	49497.	1.	49495.	1.
7	ELEV 975.7 KD	67703.	1.	67701.	1.
8	ELEV 977.6 KD	92147.	1.	92144.	1.
9	ELEV 979.8 KD	126264.	4.	125903.	357.
10	ELEV 982.2 KD	174058.	496.	170045.	3517.
11	ELEV 984.5 KD	229875.	3120.	218015.	8740.
12	ELEV 987.1 KD	303807.	10300.	276674.	16833.
13	ELEV 990.0 KD	402155.	22867.	350324.	28964.
14	ELEV 993.5 KD	539297.	40890.	449912.	48496.
15	ELEV 998.7 KD	792289.	96139.	609238.	86911.

KD TABLE FOR CROSS SECTION 26

ELEVATION	AREA	KD	KD BY SEGMENT		
966.20	0.				
967.	57.	1102.	1.	1100.	1.
968.	129.	4242.	1.	4240.	1.
969.	204.	8840.	1.	8838.	1.
970.	280.	14682.	1.	14680.	1.
971.	358.	21649.	1.	21647.	1.
972.	438.	29661.	1.	29659.	1.
973.	520.	38660.	1.	38658.	1.
974.	604.	48605.	1.	48602.	1.
975.	690.	59465.	1.	59462.	1.
976.	778.	71214.	1.	71212.	1.
977.	868.	83837.	1.	83834.	1.
978.	960.	97316.	1.	97314.	1.
979.	1064.	112270.	1.	112159.	33.
980.	1185.	129273.	6.	128611.	460.
981.	1320.	148399.	64.	146579.	1600.
982.	1466.	169392.	393.	165748.	3157.
983.	1625.	192076.	1110.	185851.	5114.
984.	1799.	216623.	2234.	206821.	7351.
985.	1982.	243106.	4085.	228707.	10040.
986.	2171.	271538.	6803.	251482.	13144.
987.	2366.	301852.	10047.	275096.	16585.
988.	2565.	333920.	13796.	299540.	20390.
989.	2769.	367677.	18129.	324825.	24572.
990.	2977.	403083.	22988.	350937.	29072.
991.	3213.	436052.	24183.	377808.	33961.
992.	3464.	470912.	25850.	405507.	39330.
993.	3753.	514527.	35030.	433961.	45107.
994.	4048.	560559.	45602.	463187.	51352.
995.	4348.	609006.	57708.	493194.	58105.
996.	4661.	658049.	68549.	523901.	65264.
997.	4984.	708527.	80098.	555390.	72988.
998.	5346.	761830.	89260.	587580.	81170.
999.	5730.	813195.	102251.	620512.	90011.
1000.	6146.	876279.	122106.	654152.	99570.
1001.	6567.	943958.	143016.	688397.	109389.
1002.	6992.	1015964.	165206.	723280.	119548.
1003.	7417.	1091251.	190083.	758896.	130331.
1004.	7842.	1169874.	217885.	795242.	141758.

RATING TABLE FOR SECTION 1 DA= 75.8

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	970.2	0.0	0.0						
1	974.8	93.4	226.1	.00	1.38	.00	1.98	972.7	.00287
2	975.5	115.9	317.5	.00	1.45	.00	2.78	973.1	.00298
3	976.4	146.6	446.5	.00	1.53	.00	3.91	973.5	.00297
4	977.4	184.2	628.1	.00	1.64	.00	5.50	974.0	.00305
ZERO DAMG	978.5	247.9	872.7	.00	1.74	.00			
5	978.5	252.1	882.7	4.52	1.74	.00	7.73	974.7	.00324
6	979.5	544.0	1241.3	16.64	1.82	.00	10.87	975.5	.00308
BANK FULL	979.9	730.4	1472.7	22.19	1.85	.00			
7	980.4	1101.4	1744.8	28.73	1.86	.00	15.28	976.4	.00230
8	981.2	1831.6	2452.8	37.41	1.88	.00	21.48	977.6	.00170
9	982.3	2898.3	3448.6	42.56	1.93	.00	30.20	979.5	.00111
10	983.7	4420.5	4849.7	44.18	1.92	.00	42.47	979.8	.00066
11	985.5	6524.1	6819.5	45.51	1.90	.00	59.72	980.3	.00040
12	987.9	9284.6	9587.5	46.96	1.90	.00	83.96	980.7	.00026
13	990.8	12722.1	13481.5	47.88	1.90	.00	118.06	981.1	.00019
14	994.4	17098.8	18955.8	48.69	1.90	.00	166.00	981.7	.00015
15	999.3	23143.4	22838.3	49.97	1.90	.00	200.00	982.0	.00008

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SEGMENT TABLE FOR SECTION 1

CSM		TOTAL	SEG NO 1 D	2 C	3 D
1	DISCHARGE CFS	226.	0.	226.	0.
3.	VELOCITY FPS	2.42	.00	2.42	.00
2	DISCHARGE CFS	317.	0.	317.	0.
4.	VELOCITY FPS	2.74	.00	2.74	.00
3	DISCHARGE CFS	446.	0.	446.	0.
6.	VELOCITY FPS	3.05	.00	3.05	.00
4	DISCHARGE CFS	628.	0.	628.	0.
8.	VELOCITY FPS	3.41	.00	3.41	.00
5	DISCHARGE CFS	883.	8.	875.	0.
12.	VELOCITY FPS	3.83	.32	3.84	.00
6	DISCHARGE CFS	1241.	195.	1047.	0.
16.	VELOCITY FPS	3.72	.70	3.94	.00
7	DISCHARGE CFS	1745.	642.	1086.	16.
23.	VELOCITY FPS	3.03	.84	3.58	.47
8	DISCHARGE CFS	2453.	1258.	1117.	77.
32.	VELOCITY FPS	2.42	.92	3.29	.62
9	DISCHARGE CFS	3449.	2120.	1111.	217.
45.	VELOCITY FPS	1.87	.95	2.89	.75
10	DISCHARGE CFS	4850.	3314.	1098.	438.
64.	VELOCITY FPS	1.47	.96	2.47	.83
11	DISCHARGE CFS	6820.	4944.	1136.	739.
90.	VELOCITY FPS	1.25	.96	2.17	.88
12	DISCHARGE CFS	9588.	7191.	1245.	1152.
126.	VELOCITY FPS	1.15	.97	1.99	.91
13	DISCHARGE CFS	13481.	10339.	1435.	1708.
178.	VELOCITY FPS	1.14	1.01	1.91	.96
14	DISCHARGE CFS	18956.	14754.	1718.	2484.
250.	VELOCITY FPS	1.17	1.07	1.90	1.01
15	DISCHARGE CFS	22838.	17950.	1810.	3079.
301.	VELOCITY FPS	1.03	.96	1.62	.90
1	ELEV 974.8 KD	4223.	1.	4221.	1.
2	ELEV 975.5 KD	5817.	1.	5815.	1.
3	ELEV 976.4 KD	8191.	1.	8189.	1.
4	ELEV 977.4 KD	11379.	1.	11377.	1.
5	ELEV 978.5 KD	15401.	23.	15377.	1.
6	ELEV 979.5 KD	20800.	1637.	19161.	1.
7	ELEV 980.4 KD	34988.	11555.	23405.	28.
8	ELEV 981.2 KD	58688.	29410.	27925.	1352.
9	ELEV 982.3 KD	102717.	62621.	34034.	6062.
10	ELEV 983.7 KD	187654.	127791.	43280.	16582.
11	ELEV 985.5 KD	340769.	246895.	57049.	36825.
12	ELEV 987.9 KD	589293.	441837.	76725.	70731.
13	ELEV 990.8 KD	972126.	745415.	103623.	123088.
14	ELEV 994.4 KD	1561728.	1215381.	141755.	204591.
15	ELEV 999.3 KD	2531362.	1989435.	200702.	341226.

KD TABLE FOR CROSS SECTION 1

ELEVATION	AREA	KD	KD BY SEGMENT		
970.90	0.				
971.	0.	4.	1.	3.	1.
972.	17.	302.	1.	300.	1.
973.	42.	1267.	1.	1265.	1.
974.	70.	2760.	1.	2758.	1.
975.	101.	4748.	1.	4746.	1.
976.	134.	7183.	1.	7181.	1.
977.	169.	10058.	1.	10056.	1.
978.	206.	13373.	1.	13371.	1.
979.	330.	17853.	342.	17163.	1.
980.	806.	28690.	6847.	21468.	2.
981.	1584.	51698.	23958.	26571.	861.
982.	2591.	89607.	52500.	32260.	4638.
983.	3674.	144787.	94691.	38712.	11243.
984.	4788.	213002.	147262.	45626.	19929.
985.	5920.	293210.	209563.	52979.	30414.
986.	7068.	385108.	281389.	60773.	42743.
987.	8230.	487883.	361991.	68993.	56762.
988.	9407.	601230.	451172.	77625.	72340.
989.	10596.	725892.	549719.	86665.	89471.
990.	11795.	860414.	656448.	98079.	107783.
991.	12998.	1005719.	772075.	105891.	127677.
992.	14205.	1160948.	895793.	116090.	149050.
993.	15420.	1323679.	1025472.	126644.	171518.
994.	16640.	1494945.	1162037.	137560.	195282.
995.	17863.	1676329.	1306863.	148857.	220596.
996.	19096.	1863553.	1456169.	160482.	246856.
997.	20333.	2059924.	1612911.	172467.	274511.
998.	21578.	2264968.	1776674.	184862.	303484.
999.	22828.	2476475.	1945556.	197456.	333430.
1000.	24083.	2698426.	2122902.	210459.	365041.
1001.	25343.	2931182.	2308892.	223782.	398472.
1002.	26602.	3167896.	2497942.	237384.	432252.
1003.	27862.	3406737.	2689028.	251256.	466134.
1004.	29122.	3655643.	2888184.	265474.	501508.
1005.	30382.	3914511.	3095503.	280036.	538393.

RATING TABLE FOR SECTION 27 DA= 75.8

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	976.6	0.0	0.0						
1	979.7	129.0	225.8	.00	3.01	.00	1.98	977.9	.00184
2	980.3	159.4	317.0	.00	3.09	.00	2.78	978.2	.00187
3	981.0	197.8	445.9	.00	3.19	.00	3.91	978.5	.00190
4	982.0	256.6	627.2	.00	3.33	.00	5.50	978.8	.00170
5	983.0	314.9	801.2	.00	3.48	.00	7.73	979.3	.00182
6	984.3	399.4	1239.7	.00	3.66	.00	10.87	979.8	.00182
ZERO DAMG	984.5	410.9	1335.3	.00	3.69	.00			
BANK FULL	985.0	604.0	1619.6	14.30	3.72	.00			
7	985.2	704.8	1742.6	18.73	3.74	.00	15.28	980.5	.00199
8	986.1	1171.5	2449.7	28.22	3.76	.00	21.48	981.3	.00187
9	986.9	1653.9	3444.1	28.68	3.76	.00	30.20	982.4	.00181
10	988.0	2266.0	4843.5	29.26	3.76	.00	42.47	983.7	.00164
11	989.2	3027.4	6810.7	29.97	3.76	.00	59.72	985.7	.00147
12	990.9	4054.3	9575.1	30.90	3.76	.00	83.96	986.1	.00125
13	993.1	5509.4	13464.1	32.18	3.76	.00	118.06	986.6	.00099
14	996.2	7534.6	18931.3	33.88	3.76	.00	166.00	987.3	.00077
15	1000.3	10420.4	22808.8	36.40	3.76	.00	200.00	987.7	.00042

SEGMENT TABLE FOR SECTION 27

CSM				TOTAL	SEG NO 1 D	2 C	3 D
1	DISCHARGE CFS			226.	0.	226.	0.
3.	VELOCITY FPS			1.75	.00	1.75	.00
2	DISCHARGE CFS			317.	0.	317.	0.
4.	VELOCITY FPS			1.99	.00	1.99	.00
3	DISCHARGE CFS			446.	0.	446.	0.
6.	VELOCITY FPS			2.26	.00	2.25	.00
4	DISCHARGE CFS			627.	0.	627.	0.
8.	VELOCITY FPS			2.45	.00	2.44	.00
5	DISCHARGE CFS			882.	0.	882.	0.
12.	VELOCITY FPS			2.80	.00	2.80	.00
6	DISCHARGE CFS			1240.	0.	1239.	0.
16.	VELOCITY FPS			3.13	.10	3.13	.00
7	DISCHARGE CFS			1743.	160.	1582.	0.
23.	VELOCITY FPS			3.37	.64	3.49	.00
8	DISCHARGE CFS			2450.	605.	1844.	1.
32.	VELOCITY FPS			3.26	.92	3.61	.53
9	DISCHARGE CFS			3444.	1290.	2151.	2.
46.	VELOCITY FPS			3.16	1.19	3.81	.68
10	DISCHARGE CFS			4843.	2359.	2478.	7.
64.	VELOCITY FPS			3.02	1.45	3.93	.83
11	DISCHARGE CFS			6811.	3917.	2878.	16.
90.	VELOCITY FPS			2.96	1.70	4.04	.99
12	DISCHARGE CFS			9575.	6167.	3373.	35.
127.	VELOCITY FPS			2.90	1.93	4.11	1.12
13	DISCHARGE CFS			13464.	9420.	3968.	76.
178.	VELOCITY FPS			2.85	2.10	4.10	1.25
14	DISCHARGE CFS			18931.	14022.	4755.	154.
250.	VELOCITY FPS			2.82	2.24	4.08	1.35
15	DISCHARGE CFS			22809.	17594.	4964.	251.
302.	VELOCITY FPS			2.40	2.01	3.47	1.16
1	ELEV	979.7	KD	5268.	1.	5266.	1.
2	ELEV	980.3	KD	7333.	1.	7331.	1.
3	ELEV	981.0	KD	10230.	1.	10228.	1.
4	ELEV	982.0	KD	15196.	1.	15194.	1.
5	ELEV	983.0	KD	20679.	1.	20677.	1.
6	ELEV	984.3	KD	29088.	5.	29083.	1.
7	ELEV	985.2	KD	36299.	549.	35749.	2.
8	ELEV	986.1	KD	55084.	11719.	43356.	9.
9	ELEV	986.9	KD	80384.	29109.	51227.	48.
10	ELEV	988.0	KD	119320.	57398.	61766.	156.
11	ELEV	989.2	KD	177102.	101051.	75647.	404.
12	ELEV	990.9	KD	270900.	174242.	95664.	993.
13	ELEV	993.1	KD	426751.	298332.	126040.	2379.
14	ELEV	996.2	KD	683514.	506241.	171718.	5556.
15	ELEV	1000.3	KD	1110412.	856342.	241879.	12191.

KD TABLE FOR CROSS SECTION 27

ELEVATION	AREA	KD	KD BY SEGMENT		
976.60	0.				
977.	4.	34.	1.	32.	1.
978.	45.	955.	1.	952.	1.
979.	94.	3182.	1.	3180.	1.
980.	145.	6336.	1.	6334.	1.
981.	199.	10333.	1.	10331.	1.
982.	256.	15104.	1.	15102.	1.
983.	314.	20621.	1.	20619.	1.
984.	377.	26860.	2.	26856.	1.
985.	604.	36074.	138.	34023.	1.
986.	1116.	54152.	10285.	42478.	7.
987.	1700.	83652.	30874.	52001.	53.
988.	2295.	121728.	58851.	62278.	163.
989.	2900.	167252.	93257.	73278.	353.
990.	3515.	220126.	134336.	84995.	648.
991.	4139.	279719.	181262.	97398.	1059.
992.	4776.	345015.	232860.	110443.	1593.
993.	5422.	416643.	290086.	124144.	2274.
994.	6079.	494248.	352500.	138478.	3112.
995.	6744.	578226.	420585.	153449.	4132.
996.	7420.	667596.	493184.	169017.	5328.
997.	8108.	762425.	570433.	185172.	6716.
998.	8804.	863182.	652905.	201925.	8283.
999.	9509.	969667.	740407.	219263.	9997.
1000.	10233.	1080505.	831573.	237135.	11713.
1001.	10963.	1198811.	929403.	255587.	13747.
1002.	11705.	1324925.	1034060.	274588.	16231.
1003.	12456.	1457764.	1144353.	294116.	19185.
1004.	13212.	1597370.	1260938.	314196.	22594.
1005.	13978.	1741957.	1380559.	334788.	26526.
1006.	14751.	1892093.	1505092.	355901.	30980.
1007.	15528.	2048178.	1634581.	377539.	36002.
1008.	16316.	2209032.	1767637.	399648.	41595.
1009.	17107.	2376244.	1906089.	422324.	47831.
1010.	17906.	2550634.	2049149.	445446.	55833.
1011.	18706.	2730538.	2196848.	469063.	64417.
1012.	19506.	2910792.	2344596.	493063.	71967.
1013.	20306.	3097422.	2497748.	517572.	80154.
1014.	21106.	3290480.	2656352.	542585.	89012.

RATING TABLE FOR SECTION 2 DA= 75.5

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	978.0	0.0	0.0						
1	982.8	131.5	225.5	.00	1.97	.00	1.98	980.1	.00118
2	983.6	162.5	316.7	.00	2.04	.00	2.78	980.4	.00123
ZERO DAMG	984.0	190.1	381.9	.00	2.08	.00			
3	984.4	218.4	445.4	5.56	2.12	.00	3.91	980.8	.00136
4	985.2	375.6	626.5	9.68	2.18	.00	5.50	981.3	.00128
5	986.0	606.4	880.5	12.66	2.26	.00	7.73	981.8	.00104
6	986.8	997.4	1238.1	29.66	2.33	.00	10.87	982.5	.00094
7	987.4	1602.6	1740.5	42.12	2.38	.00	15.28	983.4	.00086
BANK FULL	988.0	2284.6	2339.3	66.25	2.44	.00			
8	988.1	2435.3	2446.7	69.33	2.44	.00	21.48	985.0	.00073
9	988.7	3329.1	3439.9	71.32	2.46	.00	30.20	985.5	.00065
10	989.6	4536.0	4837.6	72.32	2.47	.00	42.47	986.0	.00052
11	990.5	5948.4	6802.4	72.55	2.47	.00	59.72	986.6	.00045
12	991.9	7947.0	9563.5	72.88	2.47	.00	83.96	987.2	.00035
13	993.9	10903.3	13447.6	73.32	2.47	.00	118.06	987.6	.00025
14	996.7	15068.7	18908.3	73.62	2.47	.00	166.00	988.1	.00017
15	1000.6	20751.9	22781.6	73.95	2.47	.00	200.00	988.4	.00009

WARNING**********PROFILE NO 15 EXCEEDS SURVEY DATA BY .6 FT. COMPUTATION BASED ON VERTICAL EXTENSION OF END POINTS**********

SEGMENT TABLE FOR SECTION 2

CSM		TOTAL	SEG NO 1 D	2 C	3 D
1	DISCHARGE CFS	226.	0.	226.	0.
3.	VELOCITY FPS	1.72	.00	1.72	.00
2	DISCHARGE CFS	317.	0.	317.	0.
4.	VELOCITY FPS	1.95	.00	1.95	.00
3	DISCHARGE CFS	445.	0.	439.	6.
6.	VELOCITY FPS	2.23	.00	2.24	.28
4	DISCHARGE CFS	626.	0.	534.	92.
8.	VELOCITY FPS	2.18	.00	2.34	.63
5	DISCHARGE CFS	880.	6.	599.	276.
12.	VELOCITY FPS	1.93	.47	2.25	.84
6	DISCHARGE CFS	1238.	86.	663.	489.
16.	VELOCITY FPS	1.79	.44	2.23	.97
7	DISCHARGE CFS	1740.	324.	712.	704.
23.	VELOCITY FPS	1.65	.55	2.18	1.03
8	DISCHARGE CFS	2447.	724.	765.	957.
32.	VELOCITY FPS	1.44	.61	2.13	1.08
9	DISCHARGE CFS	3440.	1387.	811.	1242.
46.	VELOCITY FPS	1.36	.75	2.08	1.13
10	DISCHARGE CFS	4838.	2366.	858.	1613.
64.	VELOCITY FPS	1.27	.87	2.00	1.18
11	DISCHARGE CFS	6802.	3736.	946.	2120.
90.	VELOCITY FPS	1.28	.99	1.99	1.25
12	DISCHARGE CFS	9563.	5719.	1047.	2798.
127.	VELOCITY FPS	1.28	1.09	1.93	1.30
13	DISCHARGE CFS	13448.	8573.	1165.	3710.
178.	VELOCITY FPS	1.27	1.15	1.82	1.31
14	DISCHARGE CFS	18908.	12612.	1332.	4965.
251.	VELOCITY FPS	1.28	1.20	1.72	1.31
15	DISCHARGE CFS	22781.	15653.	1356.	5772.
302.	VELOCITY FPS	1.11	1.07	1.42	1.12
1	ELEV 982.8 KD	6568.	1.	6565.	1.
2	ELEV 983.6 KD	9038.	1.	9035.	1.
3	ELEV 984.4 KD	12084.	1.	11929.	153.
4	ELEV 985.2 KD	17376.	1.	14922.	2452.
5	ELEV 986.0 KD	27091.	2.	18645.	8444.
6	ELEV 986.8 KD	38085.	602.	21969.	15513.
7	ELEV 987.4 KD	57219.	7988.	25167.	24064.
8	ELEV 988.1 KD	90094.	25472.	28864.	35758.
9	ELEV 988.7 KD	133031.	51191.	32657.	49183.
10	ELEV 989.6 KD	210234.	100963.	38290.	70980.
11	ELEV 990.5 KD	320374.	174196.	45448.	100729.
12	ELEV 991.9 KD	509721.	303606.	56369.	149746.
13	ELEV 993.9 KD	852242.	542728.	74106.	235408.
14	ELEV 996.7 KD	1445667.	963650.	102117.	379900.
15	ELEV 1000.6 KD	2445790.	1680331.	145719.	619740.

KD TABLE FOR CROSS SECTION 2

ELEVATION	AREA	KD	KD BY SEGMENT		
978.00	0.				
979.	9.	132.	1.	130.	1.
980.	34.	849.	1.	847.	1.
981.	66.	2252.	1.	2250.	1.
982.	102.	4440.	1.	4437.	1.
983.	147.	7193.	1.	7191.	1.
984.	190.	10523.	1.	10454.	14.
985.	340.	16127.	1.	14206.	1333.
986.	580.	26521.	1.	18430.	8090.
987.	1125.	45540.	3713.	23111.	18717.
988.	2285.	84618.	22548.	28248.	33822.
989.	3714.	158717.	68263.	34363.	56091.
990.	5168.	260477.	134623.	41461.	84392.
991.	6627.	382248.	215993.	49067.	116759.
992.	8090.	525215.	314073.	57189.	153585.
993.	9559.	687628.	427033.	65808.	194530.
994.	11031.	868394.	553961.	74909.	239366.
995.	12506.	1066490.	694057.	84476.	287878.
996.	13983.	1279955.	845602.	94490.	339773.
997.	15462.	1508050.	1008068.	104940.	394919.
998.	16943.	1752757.	1183124.	115839.	453718.
999.	18426.	2013089.	1369929.	127175.	515984.
1000.	19912.	2284554.	1564480.	138898.	581116.
1001.	21399.	2571256.	1770159.	151042.	649990.
1002.	22886.	2874440.	1988001.	163616.	722822.
1003.	24373.	3186293.	2212154.	176548.	797538.
1004.	25861.	3513445.	2447892.	189896.	875619.
1005.	27348.	3852974.	2692816.	203631.	956406.
1006.	28836.	4203076.	2945836.	217732.	1039474.
1007.	30324.	4564192.	3207026.	232200.	1124918.
1008.	31812.	4922636.	3465789.	246906.	1209651.
1009.	33300.	5296096.	3735919.	262015.	1297677.
1010.	34788.	5684660.	4017618.	277524.	1389006.

*****SECT.28 KD VALUES REVERSED ON SEGMENT 1 AT ELEVATION 1003.70 VALUE CHANGED TO EQUAL PREVIOUS VALUE*****

RATING TABLE FOR SECTION 28 DA= 74.9

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	981.3	0.0	0.0						
1	985.1	191.8	224.5	.00	1.96	.00	1.98	982.8	.00069
2	985.7	234.6	315.2	.00	5.09	.00	2.78	983.0	.00072
3	986.6	297.9	443.3	.00	5.28	.00	3.91	983.2	.00068
4	987.5	366.0	623.5	.00	5.48	.00	5.50	983.5	.00072
5	988.5	443.2	876.3	.00	5.69	.00	7.73	983.9	.00079
6	989.6	529.5	1232.3	.00	5.92	.00	10.87	984.4	.00092
7	990.8	628.3	1732.2	.00	6.17	.00	15.28	984.9	.00110
ZERO DAMG	991.1	654.1	1907.2	.00	6.23	.00			
8	992.0	739.2	2435.1	.00	6.43	.00	21.48	985.7	.00138
BANK FULL	992.8	819.6	2960.9	.36	6.54	.00			
9	993.5	895.5	3423.6	.68	6.59	.00	30.20	986.6	.00161
10	995.0	1084.3	4814.6	1.53	6.59	.00	42.47	987.7	.00187
11	996.7	1310.4	6770.2	2.45	6.59	.00	59.72	989.0	.00222
12	998.8	1624.8	9518.1	3.67	6.59	.00	83.96	990.7	.00250
13	1001.4	2083.3	13383.9	5.76	6.59	.00	118.06	993.1	.00266
14	1004.5	2947.5	18818.6	20.60	6.59	.00	166.00	995.4	.00285
15	1006.9	4345.8	22673.0	42.39	6.59	.00	200.00	996.8	.00234

SEGMENT TABLE FOR SECTION 28

CSM		TOTAL	SEG NO 1 D	2 C	3 D
1	DISCHARGE CFS	224.	0.	224.	0.
3.	VELOCITY FPS	1.17	.00	1.17	.00
2	DISCHARGE CFS	315.	0.	315.	0.
4.	VELOCITY FPS	1.35	.00	1.34	.00
3	DISCHARGE CFS	443.	0.	443.	0.
6.	VELOCITY FPS	1.49	.00	1.49	.00
4	DISCHARGE CFS	624.	0.	624.	0.
8.	VELOCITY FPS	1.71	.00	1.70	.00
5	DISCHARGE CFS	876.	0.	876.	0.
12.	VELOCITY FPS	1.98	.00	1.98	.00
6	DISCHARGE CFS	1232.	0.	1232.	0.
16.	VELOCITY FPS	2.33	.00	2.33	.00
7	DISCHARGE CFS	1732.	0.	1732.	0.
23.	VELOCITY FPS	2.76	.00	2.76	.00
8	DISCHARGE CFS	2435.	3.	2432.	0.
33.	VELOCITY FPS	3.32	.51	3.32	.00
9	DISCHARGE CFS	3424.	30.	3393.	1.
46.	VELOCITY FPS	3.91	1.02	3.93	.58
10	DISCHARGE CFS	4815.	102.	4696.	17.
64.	VELOCITY FPS	4.63	1.63	4.68	.98
11	DISCHARGE CFS	6770.	232.	6464.	74.
90.	VELOCITY FPS	5.49	2.23	5.59	1.46
12	DISCHARGE CFS	9518.	471.	8806.	240.
127.	VELOCITY FPS	6.37	2.89	6.56	2.01
13	DISCHARGE CFS	13384.	881.	11868.	636.
179.	VELOCITY FPS	7.19	3.53	7.54	2.45
14	DISCHARGE CFS	18819.	1104.	16192.	1522.
251.	VELOCITY FPS	8.15	2.26	8.71	2.54
15	DISCHARGE CFS	22673.	2205.	17589.	2879.
303.	VELOCITY FPS	7.56	1.80	8.48	2.76
1	ELEV 985.1 KD	8572.	1.	8570.	1.
2	ELEV 985.7 KD	11746.	1.	11744.	1.
3	ELEV 986.6 KD	16987.	1.	16985.	1.
4	ELEV 987.5 KD	23296.	1.	23294.	1.
5	ELEV 988.5 KD	31130.	1.	31128.	1.
6	ELEV 989.6 KD	40572.	1.	40570.	1.
7	ELEV 990.8 KD	52249.	1.	52246.	1.
8	ELEV 992.0 KD	65615.	37.	65577.	1.
9	ELEV 993.5 KD	85285.	682.	84592.	11.
10	ELEV 995.0 KD	111182.	2249.	108414.	320.
11	ELEV 996.7 KD	143689.	4873.	137297.	1519.
12	ELEV 998.8 KD	190074.	9312.	176125.	4637.
13	ELEV 1001.4 KD	259105.	16977.	230055.	12074.
14	ELEV 1004.5 KD	351792.	20694.	303231.	27867.
15	ELEV 1006.9 KD	468891.	45394.	364000.	59498.

KD TABLE FOR CROSS SECTION 28

ELEVATION	AREA	KD	KD BY SEGMENT		
981.30	0.				
982.	10.	115.	1.	113.	1.
983.	58.	1258.	1.	1256.	1.
984.	122.	4148.	1.	4145.	1.
985.	188.	8299.	1.	8297.	1.
986.	257.	13536.	1.	13533.	1.
987.	329.	19795.	1.	19792.	1.
988.	404.	27027.	1.	27025.	1.
989.	481.	35215.	1.	35213.	1.
990.	562.	44335.	1.	44333.	1.
991.	646.	54382.	2.	54379.	1.
992.	737.	65420.	34.	65346.	1.
993.	841.	78283.	353.	77856.	4.
994.	956.	93509.	1079.	92245.	44.
995.	1079.	110586.	2199.	107958.	304.
996.	1210.	129254.	3639.	124650.	873.
997.	1350.	149569.	5403.	142292.	1839.
998.	1499.	171599.	7469.	160833.	3254.
999.	1658.	195289.	9841.	180241.	5060.
1000.	1828.	220775.	12594.	200562.	7473.
1001.	2008.	248161.	15720.	221766.	10626.
1002.	2205.	277841.	19167.	243767.	14768.
1003.	2429.	309800.	20303.	266601.	18796.
1004.	2721.	344677.	20445.	290266.	23725.
1005.	3144.	387851.	20908.	314718.	31956.
1006.	3732.	415542.	29486.	339943.	44100.
1007.	4411.	474490.	47086.	365982.	60740.
1008.	5275.	550898.	75733.	392731.	79449.
1009.	6169.	640772.	116139.	420256.	101520.
1010.	7094.	746659.	170299.	448540.	126907.
1011.	8040.	862287.	227752.	477503.	153964.
1012.	8991.	990128.	297619.	507251.	184831.
1013.	9965.	1126243.	369198.	537654.	217258.
1014.	10946.	1273912.	451022.	568805.	253212.
1015.	11945.	1430324.	536904.	600629.	291420.
1016.	12957.	1596816.	630011.	633154.	332650.
1017.	13981.	1773076.	729207.	666343.	376760.
1018.	15025.	1957529.	832795.	700232.	423382.
1019.	16076.	2152838.	943975.	734796.	473399.
1020.	17142.	2361112.	1060509.	769996.	529581.
1021.	18216.	2583156.	1185075.	805878.	591594.
1022.	19290.	2804308.	1305715.	842264.	652941.
1023.	20365.	3031266.	1428374.	879257.	716078.
1024.	21440.	3270557.	1559231.	916940.	783647.
1025.	22515.	3522537.	1698631.	955310.	855782.

TABLE OF VALUES FOR BPR EQUATION

COEFK	AKB	DGTAK	SIGMA	DKE	DKS	M	ALPHA	ALPHA2	BRIDA	APPAR	AEXIT
.2528	.0000	.2528	1.0002	.0000	.0000	.9999	1.0000	1.0000	238.1540	165.4717	218.6762
DCRIT	981.91	KBCRIT=									
.2475	.0000	.2475	1.0002	.0000	.0000	.9999	1.0000	1.0000	279.3499	195.0724	262.4771
DCRIT	982.12	KBCRIT=									
.2407	.0000	.2407	1.0002	.0000	.0000	.9999	1.0000	1.0000	339.8921	239.1935	326.7974
DCRIT	982.38	KBCRIT=									
.2341	.0000	.2341	1.0002	.0000	.0000	.9999	1.0000	1.0000	406.0120	288.3674	396.9136
DCRIT	982.70	KBCRIT=									
.2273	.0000	.2273	1.0002	.0000	.0000	.9999	1.0000	1.0000	481.4758	347.7463	476.6772
DCRIT	983.10	KBCRIT=									
.2205	.0000	.2205	1.0002	.0000	.0000	.9999	1.0000	1.0000	566.1992	438.4377	566.0007
DCRIT	983.60	KBCRIT=									
.2134	.0000	.2134	1.0002	.0000	.0000	.9999	1.2546	1.2545	664.1338	576.0942	668.9236
DCRIT	984.22	KBCRIT=									
.2065	.0000	.2065	1.0002	.0000	.0000	.9998	1.3060	1.3059	770.3091	734.9233	792.5488
DCRIT	984.99	KBCRIT=									
.2002	.0000	.2002	1.0002	.0000	.0000	.9999	1.3277	1.3277	909.0554	935.2996	962.3188
DCRIT	985.94	KBCRIT=									
.1998	.0000	.1998	1.0002	.0000	.0000	.9999	1.3373	1.3373	1082.9954	1169.3337	1163.6187
DCRIT	987.10	KBCRIT=									
.2023	.0000	.2023	1.0002	.0000	.0000	.9999	1.3372	1.3371	1285.1223	1448.3853	1410.9348
DCRIT	988.53	KBCRIT=									
.2010	.0000	.2010	1.0002	.0000	.0000	.9999	1.5031	1.5031	1554.0410	1878.6511	1746.1760
DCRIT	990.26	KBCRIT=									
.0000	.0000	.0000	.0000	.0000	.0000	.0000	1.5031	1.5031	1838.2109	1878.6511	1746.1760
DCRIT	-1.00	KBCRIT=									
.0000	.0000	.0000	.0000	.0000	.0000	.0000	1.5031	1.5031	1838.2109	1878.6511	1746.1760
DCRIT	-1.00	KBCRIT=									
.0000	.0000	.0000	.0000	.0000	.0000	.0000	1.5031	1.5031	1838.2109	1878.6511	1746.1760
DCRIT	-1.00	KBCRIT=									

ROAD SECTION SR2258

NO.	HW	CFS	HL	TW	CSM
0	981.00	0.00	0.00	0.00	0.00
1	985.15	224.46	.00	985.15	1.98
2	985.78	315.16	.00	985.78	2.78
3	986.67	443.24	.00	986.67	3.91
4	987.61	623.51	.00	987.61	5.50
5	988.64	876.31	.00	988.64	7.73
6	989.75	1232.28	.00	989.75	10.87
7	990.98	1732.22	.00	990.98	15.28
8	992.25	2435.09	.00	992.25	21.48
9	993.75	3423.63	.00	993.75	30.20
10	995.40	4814.62	.04	995.36	42.47
11	997.21	6770.17	.10	997.11	59.72
12	999.42	9518.16	.18	999.24	83.96
13	1004.10	13383.91	2.22	1001.88	118.06
14	1006.67	18818.64	1.58	1005.08	166.00
15	1008.31	22673.05	.86	1007.45	200.00

MIN ROAD ELEVATION 1003.50

BRIDGE TYPE 2 GIRDER BOTTOM ELEVATION = 1001.10 OPENING NO.= 1

RATING TABLE FOR SECTION 30 DA= 74.9

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	983.8	0.0	0.0						
1	986.0	79.2	224.5	.00	.15	.00	1.98	985.0	.00664
2	986.5	102.0	315.2	.00	.16	.00	2.78	985.2	.00599
3	987.3	136.4	443.3	.00	.16	.00	3.91	985.6	.00486
4	988.2	176.3	623.5	.00	.17	.00	5.50	986.0	.00444
5	989.2	225.5	876.3	.00	.18	.00	7.73	986.5	.00423
BANK FULL	989.9	260.2	1102.7	.00	.19	.00			
ZERO DAMG	989.9	260.2	1102.7	.00	.19	.00			
6	990.3	280.7	1232.3	.01	.19	.00	10.87	987.1	.00434
7	991.5	349.7	1732.2	.05	.20	.00	15.28	987.9	.00451
8	992.8	455.4	2435.1	.20	.20	.00	21.48	988.9	.00489
9	994.2	627.0	3423.6	.25	.20	.00	30.20	990.0	.00476
10	995.8	832.4	4814.6	.29	.20	.00	42.47	991.9	.00469
11	997.6	1081.8	6770.2	.33	.20	.00	59.72	993.6	.00474
12	999.8	1415.5	9518.1	.38	.20	.00	83.96	994.9	.00462
13	1004.2	2469.8	13383.9	1.08	.20	.00	118.06	996.4	.00305
14	1006.7	3479.3	18818.6	1.31	.20	.00	166.00	998.3	.00292
15	1008.4	4178.1	22673.0	1.38	.20	.00	200.00	999.4	.00270

SEGMENT TABLE FOR SECTION 30

CSM		TOTAL	SEG NO 1 D	2 C	3 D
1	DISCHARGE CFS	224.	0.	224.	0.
3.	VELOCITY FPS	2.84	.00	2.83	.00
2	DISCHARGE CFS	315.	0.	315.	0.
4.	VELOCITY FPS	3.10	.00	3.09	.00
3	DISCHARGE CFS	443.	0.	443.	0.
6.	VELOCITY FPS	3.25	.00	3.25	.00
4	DISCHARGE CFS	624.	0.	624.	0.
8.	VELOCITY FPS	3.54	.00	3.54	.00
5	DISCHARGE CFS	876.	0.	876.	0.
12.	VELOCITY FPS	3.89	.00	3.89	.00
6	DISCHARGE CFS	1232.	0.	1232.	0.
16.	VELOCITY FPS	4.40	.00	4.40	.00
7	DISCHARGE CFS	1732.	0.	1726.	6.
23.	VELOCITY FPS	5.02	.38	5.02	1.11
8	DISCHARGE CFS	2435.	27.	2383.	25.
33.	VELOCITY FPS	5.73	.97	5.78	1.62
9	DISCHARGE CFS	3424.	202.	3147.	74.
46.	VELOCITY FPS	6.18	2.02	6.40	2.12
10	DISCHARGE CFS	4815.	524.	4122.	168.
64.	VELOCITY FPS	6.66	2.81	7.10	2.56
11	DISCHARGE CFS	6770.	1050.	5375.	345.
90.	VELOCITY FPS	7.25	3.61	7.91	3.09
12	DISCHARGE CFS	9518.	1868.	6986.	664.
127.	VELOCITY FPS	7.79	4.34	8.72	3.60
13	DISCHARGE CFS	13384.	3080.	8789.	1516.
179.	VELOCITY FPS	7.17	4.01	9.45	2.29
14	DISCHARGE CFS	18819.	4541.	10600.	3677.
251.	VELOCITY FPS	7.21	4.25	8.97	2.99
15	DISCHARGE CFS	22673.	5713.	11529.	5431.
303.	VELOCITY FPS	7.07	4.51	9.06	3.31
1	ELEV 986.0 KD	2755.	1.	2753.	1.
2	ELEV 986.5 KD	4073.	1.	4071.	1.
3	ELEV 987.3 KD	6360.	1.	6358.	1.
4	ELEV 988.2 KD	9357.	1.	9355.	1.
5	ELEV 989.2 KD	13472.	1.	13470.	1.
6	ELEV 990.3 KD	18697.	1.	18693.	3.
7	ELEV 991.5 KD	25792.	4.	25720.	69.
8	ELEV 992.8 KD	34781.	345.	34087.	349.
9	ELEV 994.2 KD	49456.	2734.	45682.	1040.
10	ELEV 995.8 KD	70324.	7644.	60229.	2451.
11	ELEV 997.6 KD	98255.	15092.	78216.	4948.
12	ELEV 999.8 KD	140023.	27384.	102931.	9708.
13	ELEV 1004.2 KD	241670.	55846.	159221.	26602.
14	ELEV 1006.7 KD	347449.	83798.	196749.	66902.
15	ELEV 1008.4 KD	436110.	109872.	222661.	103578.

KD TABLE FOR CROSS SECTION 30

ELEVATION	AREA	KD	KD BY SEGMENT		
983.80	0.				
984.	4.	19.	1.	17.	1.
985.	40.	941.	1.	939.	1.
986.	80.	2777.	1.	2775.	1.
987.	122.	5358.	1.	5354.	1.
988.	167.	8617.	1.	8615.	1.
989.	215.	12536.	1.	12534.	1.
990.	265.	17185.	1.	17182.	2.
991.	320.	22766.	1.	22737.	28.
992.	387.	29208.	18.	28968.	150.
993.	483.	37032.	563.	35913.	431.
994.	601.	47232.	2301.	43926.	914.
995.	726.	59242.	4905.	52627.	1641.
996.	857.	72908.	8250.	61943.	2648.
997.	994.	88211.	12361.	71869.	3982.
998.	1138.	105107.	17043.	82355.	5648.
999.	1288.	123623.	22429.	93411.	7702.
1000.	1444.	143770.	28496.	105022.	10175.
1001.	1618.	164416.	35221.	117171.	11950.
1002.	1814.	184625.	42666.	129858.	12101.
1003.	2079.	210895.	53448.	143037.	17023.
1004.	2405.	237552.	55450.	156732.	24780.
1005.	2778.	267607.	59689.	170932.	36629.
1006.	3176.	312435.	73224.	185612.	53186.
1007.	3588.	361353.	87700.	200764.	72117.
1008.	4008.	414789.	103570.	216406.	94568.
1009.	4442.	472060.	120175.	232501.	118921.
1010.	4888.	533518.	137854.	249057.	146164.
1011.	5342.	599467.	156741.	266078.	176649.
1012.	5814.	668937.	176182.	283524.	208849.
1013.	6295.	742896.	196797.	301424.	244388.
1014.	6788.	820765.	218300.	319757.	282601.
1015.	7293.	903179.	240705.	338520.	323630.
1016.	7807.	989837.	264138.	357716.	367830.
1017.	8338.	1080344.	288258.	377320.	414445.
1018.	8874.	1175685.	313559.	397358.	464768.
1019.	9431.	1274628.	339371.	417787.	517174.
1020.	9990.	1380118.	366472.	438642.	574822.
1021.	10560.	1496877.	394818.	459887.	641664.
1022.	11130.	1618117.	423989.	481536.	712139.
1023.	11700.	1737602.	452260.	503518.	779339.
1024.	12270.	1862556.	481629.	525911.	850941.
1025.	12840.	1993098.	512115.	548714.	927121.

RATING TABLE FOR SECTION 74 DA= 74.5

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	984.3	0.0	0.0						
1	987.7	147.5	223.8	.00	2.52	.00	1.98	985.4	.00108
2	988.4	185.5	314.3	.00	2.59	.00	2.78	985.6	.00105
3	989.2	223.6	442.0	.00	2.65	.00	3.91	985.9	.00117
4	990.2	276.9	621.7	.00	2.74	.00	5.50	986.3	.00121
5	991.4	341.2	873.8	.00	2.85	.00	7.73	986.7	.00127
ZERO DAMG	992.2	385.3	1094.5	.00	2.92	.00			
6	992.7	440.3	1228.8	3.05	2.96	.00	10.87	987.3	.00141
7	994.0	766.5	1727.3	18.90	3.08	.00	15.28	988.0	.00137
BANK FULL	994.3	869.4	1931.3	21.83	3.10	.00			
8	995.0	1303.4	2428.1	28.95	3.11	.00	21.48	988.9	.00120
9	996.1	2047.6	3413.9	33.20	3.11	.00	30.20	990.0	.00091
10	997.5	3007.7	4800.9	34.19	3.11	.00	42.47	991.4	.00065
11	999.1	4213.7	6750.9	34.93	3.11	.00	59.72	994.4	.00048
12	1001.3	5823.2	9491.0	35.90	3.11	.00	83.96	994.8	.00036
13	1005.3	8852.9	13345.7	37.65	3.11	.00	118.06	995.4	.00019
14	1007.8	10900.5	18765.0	38.67	3.11	.00	166.00	996.0	.00020
15	1009.4	12210.5	22608.4	39.04	3.11	.00	200.00	996.4	.00020

SEGMENT TABLE FOR SECTION 74

CSM		TOTAL	SEG NO 1 D	SEG NO 2 C	SEG NO 3 D
1	DISCHARGE CFS	224.	0.	224.	0.
3.	VELOCITY FPS	1.52	.00	1.52	.00
2	DISCHARGE CFS	314.	0.	314.	0.
4.	VELOCITY FPS	1.69	.00	1.69	.00
3	DISCHARGE CFS	442.	0.	442.	0.
6.	VELOCITY FPS	1.98	.00	1.98	.00
4	DISCHARGE CFS	622.	0.	622.	0.
8.	VELOCITY FPS	2.25	.00	2.25	.00
5	DISCHARGE CFS	874.	0.	874.	0.
12.	VELOCITY FPS	2.56	.00	2.56	.00
6	DISCHARGE CFS	1229.	0.	1214.	15.
16.	VELOCITY FPS	2.94	.00	2.95	.53
7	DISCHARGE CFS	1727.	29.	1532.	166.
23.	VELOCITY FPS	2.98	.46	3.13	.78
8	DISCHARGE CFS	2428.	206.	1714.	508.
33.	VELOCITY FPS	2.72	.76	3.12	1.05
9	DISCHARGE CFS	3414.	592.	1810.	1012.
46.	VELOCITY FPS	2.31	.96	2.94	1.24
10	DISCHARGE CFS	4801.	1244.	1892.	1665.
64.	VELOCITY FPS	1.97	1.14	2.71	1.36
11	DISCHARGE CFS	6751.	2185.	2028.	2537.
91.	VELOCITY FPS	1.83	1.30	2.55	1.47
12	DISCHARGE CFS	9491.	3511.	2251.	3729.
127.	VELOCITY FPS	1.76	1.41	2.43	1.55
13	DISCHARGE CFS	13346.	5516.	2421.	5409.
179.	VELOCITY FPS	1.56	1.37	2.08	1.48
14	DISCHARGE CFS	18765.	8078.	3028.	7659.
252.	VELOCITY FPS	1.77	1.59	2.30	1.70
15	DISCHARGE CFS	22608.	9943.	3432.	9227.
304.	VELOCITY FPS	1.89	1.73	2.43	1.83
1	ELEV 987.7 KD	6800.	1.	6798.	1.
2	ELEV 988.4 KD	9715.	1.	9713.	1.
3	ELEV 989.2 KD	12934.	1.	12932.	1.
4	ELEV 990.2 KD	17891.	1.	17889.	1.
5	ELEV 991.4 KD	24488.	1.	24486.	1.
6	ELEV 992.7 KD	32352.	1.	32329.	22.
7	ELEV 994.0 KD	45368.	151.	41571.	3645.
8	ELEV 995.0 KD	68265.	4683.	50042.	13540.
9	ELEV 996.1 KD	112295.	18794.	60503.	32997.
10	ELEV 997.5 KD	188383.	48725.	74333.	65325.
11	ELEV 999.1 KD	306389.	98537.	92835.	115018.
12	ELEV 1001.3 KD	502271.	185503.	119457.	197311.
13	ELEV 1005.3 KD	961461.	397307.	174489.	389665.
14	ELEV 1007.8 KD	1327993.	571275.	214684.	542033.
15	ELEV 1009.4 KD	1590106.	699374.	241713.	649020.

KD TABLE FOR CROSS SECTION 74

ELEVATION	AREA	KD	KD BY SEGMENT		
984.30	0.				
985.	24.	362.	1.	360.	1.
986.	69.	2024.	1.	2022.	1.
987.	115.	4617.	1.	4615.	1.
988.	164.	7990.	1.	7988.	1.
989.	214.	12057.	1.	12055.	1.
990.	265.	16769.	1.	16767.	1.
991.	319.	22092.	1.	22090.	1.
992.	374.	28007.	1.	28005.	1.
993.	483.	35207.	1.	34494.	169.
994.	765.	46615.	148.	41546.	3624.
995.	1290.	69356.	4487.	49841.	13211.
996.	1955.	106986.	16432.	59200.	30117.
997.	2663.	158267.	35680.	69245.	52120.
998.	3383.	221733.	62042.	79918.	79107.
999.	4110.	295792.	93850.	91199.	110426.
1000.	4846.	379694.	130737.	103048.	145800.
1001.	5591.	472276.	171989.	115504.	184683.
1002.	6346.	572870.	217288.	128487.	226814.
1003.	7108.	682974.	267737.	142033.	273007.
1004.	7877.	801995.	322897.	156126.	322929.
1005.	8657.	927924.	381491.	170729.	375586.
1006.	9445.	1062000.	444396.	185853.	431619.
1007.	10241.	1204823.	512126.	201494.	491114.
1008.	11045.	1356251.	584865.	217632.	553658.
1009.	11855.	1516720.	663145.	234260.	619176.
1010.	12666.	1686875.	747203.	251389.	688257.
1011.	13483.	1862696.	833948.	268779.	759669.
1012.	14302.	2046530.	925043.	287051.	834356.
1013.	15124.	2237982.	1020194.	305598.	912167.
1014.	15952.	2434784.	1117859.	324586.	992245.
1015.	16780.	2640400.	1220403.	344054.	1075924.
1016.	17614.	2850944.	1325181.	363949.	1161739.
1017.	18449.	3069493.	1434287.	384306.	1250866.
1018.	19289.	3293858.	1546227.	405096.	1342487.
1019.	20132.	3525515.	1661768.	426325.	1437377.
1020.	20978.	3764258.	1780736.	447988.	1535503.
1021.	21826.	4005022.	1899209.	470010.	1635552.
1022.	22674.	4251012.	2019648.	492437.	1738367.
1023.	23522.	4505064.	2144266.	515304.	1844695.
1024.	24370.	4767244.	2273100.	538609.	1954565.

TABLE OF VALUES FOR BPR EQUATION

COEFK	AKB	DGTAK	SIGMA	DKE	DKS	M	ALPHA	ALPHA2	BRIDA	APPAR	AEXIT
.0000	.0000	.0000	.0000	.0000	.0000	1.0000	1.0000	1.5031	192.9309	201.6840	169.2627
DCRIT	985.38	KBCRIT=									
.0000	.0000	.0000	.0000	.0000	.0000	1.0000	1.0000	1.5031	261.8015	248.4977	209.7171
DCRIT	985.59	KBCRIT=									
.0000	.0000	.0000	.0000	.0000	.0000	1.0000	1.0000	1.5031	346.7046	327.4221	252.4789
DCRIT	985.88	KBCRIT=									
.0000	.0000	.0000	.0000	.0000	.0000	1.0000	1.0000	1.5031	455.6904	617.2893	308.1653
DCRIT	986.22	KBCRIT=									
.0177	.0000	.0177	.9990	.0000	.0000	.9999	1.0000	1.0000	591.7842	1710.8306	377.6665
DCRIT	986.65	KBCRIT=									
2.1760	2.1604	.0156	.4906	.0000	.0000	.3062	1.5142	1.1575	749.7471	3550.2290	552.9575
DCRIT	987.19	KBCRIT=									
2.5105	2.4944	.0161	.4097	.0000	.0000	.2397	1.2503	1.0600	913.4893	5239.6914	1075.6187
DCRIT	987.87	KBCRIT=									
2.6433	2.6272	.0161	.3779	.0000	.0000	.2143	1.1636	1.0350	1041.9519	6535.8437	1651.7598
DCRIT	989.03	KBCRIT=									
2.7368	2.7209	.0159	.3557	.0000	.0000	.1966	1.1106	1.0217	1192.2302	8005.7734	2360.8811
DCRIT	989.72	KBCRIT=									
2.8063	2.7906	.0157	.3393	.0000	.0000	.1836	1.0756	1.0139	1381.8142	9894.7500	3239.1624
DCRIT	990.56	KBCRIT=									
2.8583	2.8427	.0156	.3271	.0000	.0000	.1740	1.0522	1.0091	1630.790312363.8555		4387.3242
DCRIT	991.67	KBCRIT=									
2.9012	2.8859	.0153	.3170	.0000	.0000	.1661	1.0369	1.0061	1971.278615750.6406		5948.1797
DCRIT	993.06	KBCRIT=									
2.9550	2.9403	.0147	.3043	.0000	.0000	.1562	1.0216	1.0034	2616.959521540.6328		8889.5000
DCRIT	994.70	KBCRIT=									
2.9757	2.9597	.0161	.2998	.0000	.0000	.1527	1.0173	1.0026	2881.655024047.6797	10942.3164	
DCRIT	996.62	KBCRIT=									
.0000	.0000	.0000	.0000	.0000	.0000	.0000	1.0173	1.0026	2881.655024047.6797	10942.3164	
DCRIT	-1.00	KBCRIT=									

ROAD SECTION US601

NO.	HW	CFS	HL	TW	CSM
0	984.40	0.00	0.00	0.00	0.00
1	988.21	223.82	.00	988.21	1.98
2	989.02	314.26	.00	989.02	2.78
3	989.86	441.99	.00	989.86	3.91
4	990.91	621.73	.00	990.91	5.50
5	992.25	873.81	.08	992.17	7.73
6	993.71	1228.77	.22	993.49	10.87
7	995.00	1727.28	.26	994.74	15.28
8	996.98	2428.14	.42	996.66	21.48
9	997.08	3413.87	.40	996.68	30.20
10	998.46	4800.89	.56	997.90	42.47
11	1000.24	6750.87	.76	999.48	59.72
12	1002.62	9491.00	1.04	1001.57	83.96
13	1006.56	13345.74	1.16	1005.40	118.06
14	1009.79	18764.97	1.82	1007.97	166.00
15	1012.01	22608.39	2.42	1009.59	200.00

MIN ROAD ELEVATION 1010.10

BRIDGE TYPE 2 GIRDER BOTTOM ELEVATION = 1005.60 OPENING NO.= 1

RATING TABLE FOR SECTION 76 DA= 74.5

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	987.6	0.0	0.0						
1	989.1	75.3	223.8	.00	.13	.00	1.90	988.5	.01088
2	989.7	107.2	314.3	.00	.14	.00	2.78	988.7	.00687
3	990.3	141.8	442.0	.00	.14	.00	3.91	989.0	.00559
4	991.3	192.8	621.7	.00	.14	.00	5.50	989.3	.00420
5	992.4	263.7	873.8	.00	.15	.00	7.73	989.7	.00321
ZERO DAMG	992.6	279.6	913.3	.00	.15	.00			
6	993.8	504.2	1228.8	.68	.16	.00	10.87	990.3	.00225
7	995.1	1303.6	1727.3	2.24	.16	.00	15.28	990.9	.00116
BANK FULL	995.6	1849.0	2116.6	2.67	.16	.00			
8	996.0	2390.7	2428.1	3.01	.16	.00	21.48	991.7	.00066
9	997.1	3773.7	3413.9	3.11	.16	.00	30.20	993.7	.00037
10	998.5	5571.6	4800.9	3.17	.16	.00	42.47	994.3	.00022
11	1000.2	7937.2	6750.9	3.25	.16	.00	59.72	994.8	.00014
12	1002.6	11191.9	9491.0	3.35	.16	.00	83.96	995.2	.00010
13	1006.6	16806.8	13345.7	3.52	.16	.00	118.06	995.6	.00005
14	1009.8	21563.3	18765.0	3.57	.16	.00	166.00	996.0	.00005
15	1012.0	24854.9	22608.4	3.59	.16	.00	200.00	996.3	.00004

SEGMENT TABLE FOR SECTION 76

CSM		TOTAL	SEG NO 1 D	2 C	3 D
1	DISCHARGE CFS	224.	0.	224.	0.
3.	VELOCITY FPS	2.98	.00	2.97	.00
2	DISCHARGE CFS	314.	0.	314.	0.
4.	VELOCITY FPS	2.93	.00	2.93	.00
3	DISCHARGE CFS	442.	0.	442.	0.
6.	VELOCITY FPS	3.12	.00	3.12	.00
4	DISCHARGE CFS	622.	0.	622.	0.
8.	VELOCITY FPS	3.23	.00	3.22	.00
5	DISCHARGE CFS	874.	0.	873.	1.
12.	VELOCITY FPS	3.34	.00	3.34	.54
6	DISCHARGE CFS	1229.	0.	1106.	123.
16.	VELOCITY FPS	3.08	.14	3.21	.77
7	DISCHARGE CFS	1727.	145.	1062.	521.
23.	VELOCITY FPS	2.10	.56	2.51	.84
8	DISCHARGE CFS	2428.	494.	971.	963.
33.	VELOCITY FPS	1.49	.66	2.00	.83
9	DISCHARGE CFS	3414.	991.	922.	1501.
46.	VELOCITY FPS	1.12	.70	1.66	.83
10	DISCHARGE CFS	4801.	1674.	932.	2195.
64.	VELOCITY FPS	.96	.73	1.45	.83
11	DISCHARGE CFS	6751.	2626.	992.	3133.
91.	VELOCITY FPS	.90	.76	1.31	.84
12	DISCHARGE CFS	9491.	3961.	1107.	4424.
127.	VELOCITY FPS	.88	.78	1.21	.85
13	DISCHARGE CFS	13346.	5902.	1240.	6204.
179.	VELOCITY FPS	.81	.74	1.06	.81
14	DISCHARGE CFS	18765.	8629.	1538.	8598.
252.	VELOCITY FPS	.88	.82	1.11	.89
15	DISCHARGE CFS	22608.	10608.	1735.	10265.
304.	VELOCITY FPS	.92	.87	1.14	.92
1	ELEV 989.1 KD	2146.	1.	2144.	1.
2	ELEV 989.7 KD	3791.	1.	3789.	1.
3	ELEV 990.3 KD	5914.	1.	5912.	1.
4	ELEV 991.3 KD	9598.	1.	9596.	1.
5	ELEV 992.4 KD	15398.	1.	15396.	1.
6	ELEV 993.8 KD	25382.	3.	23384.	1995.
7	ELEV 995.1 KD	49566.	3172.	31863.	14571.
8	ELEV 996.0 KD	92448.	16760.	39400.	36287.
9	ELEV 997.1 KD	177419.	50183.	49281.	77953.
10	ELEV 998.5 KD	323876.	112541.	63242.	148073.
11	ELEV 1000.2 KD	561768.	217636.	83177.	260756.
12	ELEV 1002.6 KD	967762.	403382.	113250.	451130.
13	ELEV 1006.6 KD	1837591.	812193.	171041.	854357.
14	ELEV 1009.8 KD	2747682.	1263207.	225327.	1259148.
15	ELEV 1012.0 KD	3462589.	1624259.	265993.	1572337.

KD TABLE FOR CROSS SECTION 76

ELEVATION	AREA	KD	KD BY SEGMENT		
987.60	0.				
988.	18.	200.	1.	198.	1.
989.	69.	1875.	1.	1873.	1.
990.	123.	4707.	1.	4705.	1.
991.	178.	8477.	1.	8475.	1.
992.	235.	13083.	1.	13081.	1.
993.	321.	18703.	1.	18457.	86.
994.	553.	27839.	5.	24562.	3272.
995.	1233.	48529.	2694.	31338.	13545.
996.	2359.	92786.	16229.	39184.	35521.
997.	3643.	169411.	46575.	48311.	73641.
998.	4946.	268881.	88535.	58246.	121610.
999.	6266.	380236.	140506.	68910.	170551.
1000.	7605.	525739.	201568.	80275.	243626.
1001.	8959.	681764.	272166.	92332.	317153.
1002.	10330.	854698.	351384.	105056.	398259.
1003.	11721.	1042104.	437820.	118414.	485779.
1004.	13128.	1245889.	532706.	132408.	580665.
1005.	14553.	1465015.	635556.	147021.	682313.
1006.	15990.	1700500.	747018.	162250.	791183.
1007.	17446.	1949739.	865704.	178066.	905916.
1008.	18915.	2219668.	998507.	194460.	1026572.
1009.	20390.	2507772.	1142473.	211435.	1153772.
1010.	21867.	2811892.	1295663.	228978.	1287249.
1011.	23348.	3126685.	1454184.	247058.	1425336.
1012.	24832.	3457427.	1621616.	265697.	1570047.
1013.	26318.	3801477.	1796174.	284875.	1720386.
1014.	27809.	4157209.	1976816.	304576.	1875745.
1015.	29301.	4527588.	2165518.	324811.	2037242.
1016.	30797.	4909108.	2359950.	345555.	2203560.
1017.	32297.	5303140.	2561048.	366810.	2375224.
1018.	33799.	5710652.	2769452.	388577.	2552596.
1019.	35305.	6128483.	2983099.	410833.	2734506.
1020.	36812.	6560711.	3204661.	433597.	2922453.
1021.	38322.	7006324.	3430992.	456831.	3118460.
1022.	39832.	7464007.	3663758.	480553.	3319654.
1023.	41342.	7921644.	3897860.	504697.	3520828.
1024.	42852.	8393416.	4135580.	529333.	3728082.
1025.	44362.	8879360.	4382960.	554454.	3941422.

RATING TABLE FOR SECTION 3 DA= 71.9

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	988.0	0.0	0.0						
1	990.3	92.1	219.4	.00	.36	.00	1.98	989.2	.00391
2	990.9	117.1	308.0	.00	.36	.00	2.78	989.4	.00363
3	991.5	150.2	433.3	.00	.38	.00	3.91	989.7	.00331
4	992.3	188.3	609.4	.00	.39	.00	5.50	990.1	.00327
5	993.4	245.6	856.5	.00	.41	.00	7.73	990.6	.00289
ZERO DAMG	993.8	291.8	982.5	.00	.42	.00			
BANK FULL	994.0	326.0	1042.2	1.22	.42	.00			
6	994.5	467.1	1204.5	2.25	.42	.00	10.87	991.1	.00234
7	995.5	1018.9	1693.1	4.66	.42	.00	15.28	991.8	.00148
8	996.4	1619.5	2380.2	5.29	.42	.00	21.48	992.7	.00107
9	997.3	2376.4	3346.4	5.56	.42	.00	30.20	994.6	.00077
10	998.6	3412.4	4706.0	5.72	.42	.00	42.47	995.1	.00053
11	1000.3	4829.3	6617.4	5.94	.42	.00	59.72	995.4	.00036
12	1002.7	6872.3	9303.4	6.51	.42	.00	83.96	995.9	.00026
13	1006.6	10717.2	13082.0	7.40	.42	.00	118.06	996.3	.00014
14	1009.8	14147.1	18394.1	7.90	.42	.00	166.00	996.9	.00012
15	1012.0	16640.6	22161.6	8.32	.42	.00	200.00	997.2	.00011

SEGMENT TABLE FOR SECTION 3

CSM		TOTAL	SEG NO 1 D	2 C	3 D
1	DISCHARGE CFS	219.	0.	219.	0.
3.	VELOCITY FPS	2.38	.00	2.38	.00
2	DISCHARGE CFS	308.	0.	308.	0.
4.	VELOCITY FPS	2.64	.00	2.63	.00
3	DISCHARGE CFS	433.	0.	433.	0.
6.	VELOCITY FPS	2.89	.00	2.88	.00
4	DISCHARGE CFS	609.	0.	609.	0.
8.	VELOCITY FPS	3.24	.00	3.24	.00
5	DISCHARGE CFS	857.	0.	857.	0.
12.	VELOCITY FPS	3.49	.00	3.49	.00
6	DISCHARGE CFS	1204.	103.	1093.	8.
17.	VELOCITY FPS	3.42	.72	3.53	.61
7	DISCHARGE CFS	1693.	504.	1126.	64.
24.	VELOCITY FPS	2.65	.88	3.08	.78
8	DISCHARGE CFS	2380.	1059.	1166.	156.
33.	VELOCITY FPS	2.19	1.01	2.83	.95
9	DISCHARGE CFS	3346.	1832.	1227.	287.
47.	VELOCITY FPS	1.86	1.12	2.63	1.07
10	DISCHARGE CFS	4706.	2930.	1304.	473.
65.	VELOCITY FPS	1.64	1.19	2.42	1.14
11	DISCHARGE CFS	6617.	4451.	1432.	735.
92.	VELOCITY FPS	1.53	1.24	2.26	1.19
12	DISCHARGE CFS	9303.	6531.	1648.	1125.
129.	VELOCITY FPS	1.46	1.26	2.15	1.23
13	DISCHARGE CFS	13082.	9576.	1841.	1665.
182.	VELOCITY FPS	1.28	1.16	1.87	1.15
14	DISCHARGE CFS	18394.	13768.	2264.	2363.
256.	VELOCITY FPS	1.35	1.25	1.94	1.21
15	DISCHARGE CFS	22162.	16746.	2551.	2845.
308.	VELOCITY FPS	1.38	1.28	1.98	1.24
1	ELEV 990.3 KD	3509.	1.	3507.	1.
2	ELEV 990.9 KD	5113.	1.	5111.	1.
3	ELEV 991.5 KD	7535.	1.	7533.	1.
4	ELEV 992.3 KD	10659.	1.	10657.	1.
5	ELEV 993.4 KD	15922.	1.	15920.	1.
6	ELEV 994.5 KD	24379.	1476.	22840.	63.
7	ELEV 995.5 KD	43090.	11754.	29954.	1382.
8	ELEV 996.4 KD	71790.	30758.	36614.	4418.
9	ELEV 997.3 KD	120385.	65164.	45048.	10173.
10	ELEV 998.6 KD	204694.	126928.	57327.	20439.
11	ELEV 1000.3 KD	346312.	232582.	75380.	38350.
12	ELEV 1002.7 KD	580698.	407471.	107069.	70159.
13	ELEV 1006.6 KD	1111313.	813153.	156699.	141461.
14	ELEV 1009.8 KD	1684222.	1260392.	207510.	216320.
15	ELEV 1012.0 KD	2134160.	1612878.	245670.	275913.

KD TABLE FOR CROSS SECTION 3

ELEVATION	AREA	KD	KD BY SEGMENT		
988.00	0.				
989.	31.	614.	1.	612.	1.
990.	76.	2600.	1.	2598.	1.
991.	123.	5562.	1.	5560.	1.
992.	173.	9377.	1.	9374.	1.
993.	225.	13985.	1.	13983.	1.
994.	326.	19901.	36.	19425.	6.
995.	696.	32102.	4602.	26037.	370.
996.	1341.	58904.	22174.	33681.	3049.
997.	2112.	103417.	53120.	42090.	8207.
998.	2904.	162465.	93956.	51232.	15277.
999.	3713.	233774.	148611.	61078.	24085.
1000.	4538.	316542.	210407.	71606.	34530.
1001.	5382.	408578.	279228.	82785.	46439.
1002.	6256.	507579.	352897.	94609.	59959.
1003.	7165.	615937.	433744.	107059.	75032.
1004.	8112.	734999.	523176.	120120.	91625.
1005.	9094.	866538.	622984.	133777.	109711.
1006.	10108.	1016781.	739660.	148011.	129237.
1007.	11141.	1179011.	865884.	162812.	150200.
1008.	12188.	1351434.	1000569.	178180.	172618.
1009.	13251.	1532295.	1141832.	194101.	196360.
1010.	14347.	1719305.	1287776.	210548.	220925.
1011.	15466.	1917175.	1442484.	227531.	247090.
1012.	16600.	2126416.	1606448.	245050.	274918.
1013.	17768.	2355292.	1787859.	263064.	304282.
1014.	18946.	2596752.	1979731.	281600.	335360.
1015.	20137.	2849820.	2181074.	300636.	368122.
1016.	21348.	3112843.	2389840.	320161.	402573.
1017.	22569.	3387037.	2608026.	340183.	438799.
1018.	23810.	3670815.	2833310.	360677.	476761.
1019.	25061.	3968113.	3068250.	381657.	517149.
1020.	26328.	4279236.	3315686.	403106.	560389.
1021.	27600.	4602460.	3570676.	424981.	606357.
1022.	28875.	4938248.	3834864.	447293.	654983.
1023.	30150.	5287712.	4110070.	470078.	705930.
1024.	31425.	5651012.	4396436.	493332.	759248.

RATING TABLE FOR SECTION 4 DA= 71.7

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	992.5	0.0	0.0						
ZERO DAMG	996.5	96.0	216.8	.00	1.84	.00			
*****WARNING-BANKFULL OR ZERO DAMAGE ELEV BELOW FIRST PROFILE. FLOW INTERPOLATED LINEARLY FROM CHANNEL BOTTOM*****									
1	996.5	97.6	218.9	.57	1.85	.00	1.98	994.6	.00277
2	997.0	136.3	307.4	2.89	2.02	.00	2.73	995.0	.00307
3	997.6	251.7	432.3	12.72	2.22	.00	3.91	995.5	.00286
4	998.1	419.5	608.1	28.18	2.40	.00	5.50	996.0	.00270
5	998.3	644.2	854.6	34.78	2.48	.00	7.73	997.0	.00290
BANK FULL	998.5	826.2	1016.7	39.55	2.54	.00			
6	998.7	1033.9	1201.8	45.01	2.60	.00	10.87	997.5	.00215
7	999.1	1546.0	1489.3	54.06	2.66	.00	15.28	997.9	.00164
8	999.5	2115.1	2374.8	61.28	2.66	.00	21.48	998.2	.00141
9	1000.0	2780.8	3338.9	65.19	2.66	.00	30.20	998.3	.00127
10	1000.5	3668.9	4695.4	67.35	2.66	.00	42.47	998.5	.00105
11	1001.6	5335.4	6602.5	68.02	2.66	.00	59.72	998.8	.00063
12	1003.3	8218.5	9282.5	69.16	2.66	.00	83.96	999.1	.00031
13	1006.8	14045.6	13052.5	71.41	2.66	.00	118.06	999.4	.00011
14	1010.0	19460.4	18352.6	72.74	2.66	.00	166.00	999.8	.00007
15	1012.2	23266.5	22111.6	73.68	2.66	.00	200.00	1000.0	.00006

SEGMENT TABLE FOR SECTION 4

CSM			TOTAL	SEG NO 1 D	2 C	3 D
1	DISCHARGE CFS		219.	0.	219.	0.
3.	VELOCITY FPS		2.26	.25	2.27	.00
2	DISCHARGE CFS		307.	11.	295.	1.
4.	VELOCITY FPS		2.52	.63	2.55	.35
3	DISCHARGE CFS		432.	50.	366.	17.
6.	VELOCITY FPS		2.48	.78	2.58	.70
4	DISCHARGE CFS		608.	109.	453.	46.
8.	VELOCITY FPS		2.38	.57	2.72	.75
5	DISCHARGE CFS		855.	288.	478.	89.
12.	VELOCITY FPS		2.37	.80	2.65	.85
6	DISCHARGE CFS		1202.	553.	499.	150.
17.	VELOCITY FPS		1.88	.85	2.47	.84
7	DISCHARGE CFS		1689.	921.	518.	250.
24.	VELOCITY FPS		1.59	.88	2.29	.91
8	DISCHARGE CFS		2375.	1404.	582.	389.
33.	VELOCITY FPS		1.48	.95	2.33	1.01
9	DISCHARGE CFS		3339.	2117.	647.	575.
47.	VELOCITY FPS		1.48	1.06	2.35	1.13
10	DISCHARGE CFS		4695.	3136.	731.	829.
66.	VELOCITY FPS		1.44	1.16	2.37	1.24
11	DISCHARGE CFS		6603.	4669.	761.	1172.
92.	VELOCITY FPS		1.32	1.17	2.07	1.22
12	DISCHARGE CFS		9282.	6833.	803.	1647.
130.	VELOCITY FPS		1.17	1.09	1.71	1.12
13	DISCHARGE CFS		13052.	9885.	863.	2304.
182.	VELOCITY FPS		.94	.91	1.28	.93
14	DISCHARGE CFS		18353.	14073.	1068.	3212.
256.	VELOCITY FPS		.95	.93	1.25	.94
15	DISCHARGE CFS		22112.	17054.	1215.	3843.
309.	VELOCITY FPS		.96	.94	1.24	.94
1	ELEV	996.5 KD	4156.	5.	4149.	1.
2	ELEV	997.0 KD	5423.	69.	5348.	6.
3	ELEV	997.6 KD	7707.	700.	6993.	94.
4	ELEV	998.1 KD	11603.	2037.	8751.	815.
5	ELEV	998.3 KD	14974.	3826.	9723.	1426.
6	ELEV	998.7 KD	24565.	10176.	11396.	2993.
7	ELEV	999.1 KD	41186.	21791.	13551.	5844.
8	ELEV	999.5 KD	62844.	36701.	16024.	10119.
9	ELEV	1000.0 KD	93254.	58430.	18839.	15985.
10	ELEV	1000.5 KD	145084.	96763.	22715.	25606.
11	ELEV	1001.6 KD	263797.	186411.	30554.	46833.
12	ELEV	1003.3 KD	529911.	389871.	46004.	94036.
13	ELEV	1006.8 KD	1262347.	955945.	83528.	222874.
14	ELEV	1010.0 KD	2141541.	1641935.	124791.	374815.
15	ELEV	1012.2 KD	2860941.	2206532.	157221.	497188.

KD TABLE FOR CROSS SECTION 4

ELEVATION	AREA	KD	KD BY SEGMENT		
992.50	0.				
993.	3.	27.	1.	25.	1.
994.	19.	436.	1.	434.	1.
995.	43.	1396.	1.	1394.	1.
996.	75.	2992.	1.	2990.	1.
997.	136.	5518.	65.	5327.	6.
998.	397.	11168.	1778.	8504.	619.
999.	1361.	36138.	18261.	12803.	4852.
1000.	2808.	54953.	59386.	18951.	16230.
1001.	4407.	191480.	131215.	26632.	33884.
1002.	6026.	319057.	228231.	34010.	56647.
1003.	7661.	471806.	345142.	42815.	83742.
1004.	9310.	647929.	480583.	52408.	114867.
1005.	10974.	845516.	633020.	62749.	149680.
1006.	12652.	1065427.	803216.	73843.	188332.
1007.	14344.	1306056.	989899.	85650.	230494.
1008.	16051.	1567431.	1193466.	98127.	275824.
1009.	17767.	1848030.	1412457.	111262.	324285.
1010.	19492.	2147232.	1646360.	125049.	375787.
1011.	21225.	2465976.	1896130.	139502.	430328.
1012.	22967.	2801676.	2159932.	154578.	487157.
1013.	24723.	3153024.	2436094.	170234.	546677.
1014.	26486.	3522641.	2726844.	186510.	609272.
1015.	28259.	3909844.	3031592.	203391.	674849.
1016.	30045.	4311504.	3347695.	220813.	742977.
1017.	31839.	4730724.	3677785.	238827.	814099.
1018.	33642.	5166848.	4021299.	257418.	888128.
1019.	35459.	5616820.	4375636.	276523.	964646.
1020.	37281.	6080260.	4746844.	298204.	1045205.
1021.	39111.	6585256.	5137680.	316410.	1131163.
1022.	40941.	7087972.	5533032.	336994.	1217863.
1023.	42771.	7603350.	5938466.	358060.	1306735.
1024.	44601.	8137738.	6359068.	379878.	1398700.
1025.	46431.	8691200.	6794912.	401907.	1494066.

RATING TABLE FOR SECTION 31 DA= 71.3

NO	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	995.3	0.0	0.0						
1	998.8	145.1	218.3	.00	2.81	.00	1.98	998.7	.00101
2	999.4	176.7	306.5	.00	2.89	.00	2.78	996.9	.00108
3	1000.2	221.7	431.1	.00	3.00	.00	3.91	997.2	.00107
4	1001.0	267.0	606.3	.00	3.11	.00	5.50	997.6	.00121
5	1001.9	314.6	852.2	.00	3.22	.00	7.73	998.0	.00146
ZERO DAMG	1002.5	353.2	1094.8	.00	3.31	.00			
6	1002.8	412.4	1198.4	5.88	3.35	.00	10.87	998.5	.00174
7	1003.6	736.1	1684.5	25.23	3.44	.00	15.28	999.2	.00184
BANK FULL	1003.6	736.5	1685.2	25.25	3.44	.00			
8	1004.1	1091.6	2368.1	37.79	3.47	.00	21.48	1000.1	.00218
9	1004.8	1769.8	3329.4	51.54	3.49	.00	30.20	1001.1	.00197
10	1005.3	2343.5	4682.1	60.89	3.51	.00	42.47	1002.4	.00215
11	1005.9	3206.4	6583.8	63.92	3.52	.00	59.72	1004.0	.00201
12	1006.8	4447.3	9256.2	65.70	3.52	.00	83.96	1004.4	.00157
13	1008.6	7071.3	13015.5	66.37	3.52	.00	118.06	1004.8	.00074
14	1011.0	10480.4	18300.7	67.24	3.52	.00	166.00	1005.3	.00042
15	1012.8	13219.9	22049.0	67.92	3.52	.00	200.00	1005.5	.00029

SEGMENT TABLE FOR SECTION 31

CSM			TOTAL	SEG NO 1 D	2 C	3 D
1	DISCHARGE CFS		218.	0.	218.	0.
3.	VELOCITY FPS		1.51	.00	1.50	.00
2	DISCHARGE CFS		306.	0.	306.	0.
4.	VELOCITY FPS		1.74	.00	1.73	.00
3	DISCHARGE CFS		431.	0.	431.	0.
6.	VELOCITY FPS		1.95	.00	1.94	.00
4	DISCHARGE CFS		606.	0.	606.	0.
9.	VELOCITY FPS		2.27	.00	2.27	.00
5	DISCHARGE CFS		852.	0.	852.	0.
12.	VELOCITY FPS		2.71	.00	2.71	.00
6	DISCHARGE CFS		1198.	11.	1179.	8.
17.	VELOCITY FPS		3.17	.42	3.19	.51
7	DISCHARGE CFS		1685.	158.	1451.	75.
24.	VELOCITY FPS		3.31	.73	3.44	.76
8	DISCHARGE CFS		2368.	406.	1784.	178.
33.	VELOCITY FPS		3.50	.91	3.92	.94
9	DISCHARGE CFS		3329.	988.	1908.	434.
47.	VELOCITY FPS		3.17	1.08	3.84	1.21
10	DISCHARGE CFS		4682.	1672.	2273.	738.
66.	VELOCITY FPS		3.16	1.27	4.30	1.47
11	DISCHARGE CFS		6584.	3001.	2403.	1180.
92.	VELOCITY FPS		2.98	1.54	4.22	1.72
12	DISCHARGE CFS		9256.	4950.	2516.	1790.
130.	VELOCITY FPS		2.65	1.73	4.02	1.88
13	DISCHARGE CFS		13016.	8008.	2349.	2659.
182.	VELOCITY FPS		2.04	1.67	3.15	1.75
14	DISCHARGE CFS		18301.	12059.	2417.	3824.
257.	VELOCITY FPS		1.83	1.65	2.69	1.69
15	DISCHARGE CFS		22049.	14928.	2475.	4646.
309.	VELOCITY FPS		1.72	1.60	2.42	1.62
1	ELEV 998.8	KD	6885.	1.	6883.	1.
2	ELEV 999.4	KD	9333.	1.	9331.	1.
3	ELEV 1000.2	KD	13191.	1.	13189.	1.
4	ELEV 1001.0	KD	17460.	1.	17458.	1.
5	ELEV 1001.9	KD	22304.	1.	22302.	1.
6	ELEV 1002.8	KD	28372.	11.	28352.	10.
7	ELEV 1003.6	KD	37332.	1785.	34491.	1056.
8	ELEV 1004.1	KD	48468.	6640.	38693.	3135.
9	ELEV 1004.8	KD	72681.	19554.	44566.	8561.
10	ELEV 1005.3	KD	100602.	35648.	49233.	15722.
11	ELEV 1005.9	KD	144998.	63857.	55388.	25755.
12	ELEV 1006.8	KD	232384.	122747.	64779.	44858.
13	ELEV 1008.6	KD	478535.	294123.	86666.	97746.
14	ELEV 1011.0	KD	895527.	590003.	118383.	137142.
15	ELEV 1012.8	KD	1297981.	878211.	146293.	273477.

KD TABLE FOR CROSS SECTION 31

ELEVATION	AREA	KD	KD BY SEGMENT		
995.30	0.				
996.	11.	138.	1.	136.	1.
997.	55.	1485.	1.	1483.	1.
998.	104.	4066.	1.	4064.	1.
999.	155.	7812.	1.	7810.	1.
1000.	208.	12009.	1.	12007.	1.
1001.	264.	17214.	1.	17212.	1.
1002.	323.	23197.	1.	23195.	1.
1003.	461.	30727.	72.	29943.	56.
1004.	1017.	48154.	5073.	37793.	2509.
1005.	2037.	86333.	25960.	46711.	11405.
1006.	3369.	157242.	70802.	56570.	28071.
1007.	4786.	260884.	141675.	67475.	50806.
1008.	6215.	388694.	230322.	79243.	78316.
1009.	7650.	539888.	336835.	91770.	110820.
1010.	9093.	712012.	458997.	105024.	147762.
1011.	10542.	903778.	595829.	118987.	188898.
1012.	12000.	1112804.	745386.	133626.	233721.
1013.	13467.	1337821.	906711.	148920.	281983.
1014.	14940.	1582149.	1082650.	164892.	334461.
1015.	16420.	1844424.	1272021.	181520.	390849.
1016.	17909.	2120312.	1471265.	198756.	450204.
1017.	19405.	2412450.	1682605.	216616.	513133.
1018.	20908.	2721108.	1906251.	235097.	579701.
1019.	22418.	3044270.	2140588.	254172.	649479.
1020.	23935.	3385497.	2387664.	273832.	723916.
1021.	25455.	3744112.	2647432.	294079.	802541.
1022.	26975.	4096847.	2902282.	314715.	879257.
1023.	28495.	4467996.	3170930.	335962.	960077.
1024.	30015.	4857812.	3453587.	357812.	1045060.

RATING TABLE FOR SECTION 32 DA= 68.4

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	995.7	0.0	0.0						
1	1000.1	170.8	213.1	.00	2.48	.00	1.98	997.4	.00055
2	1000.8	205.6	299.3	.00	2.53	.00	2.78	997.6	.00061
3	1001.6	250.2	420.9	.00	2.61	.00	3.91	997.9	.00066
4	1002.6	302.8	592.1	.00	2.69	.00	5.50	998.2	.00074
5	1003.7	361.9	832.1	.00	2.77	.00	7.73	998.7	.00085
ZERO DAMG	1004.7	421.3	1114.3	.00	2.86	.00			
6	1004.9	501.6	1170.1	6.13	2.87	.00	10.87	999.2	.00095
BANK FULL	1005.6	774.5	1549.2	24.74	2.93	.00			
7	1005.8	889.5	1644.9	31.95	2.94	.00	15.28	999.9	.00107
8	1006.3	1446.3	2312.3	41.59	2.94	.00	21.48	1000.7	.00112
9	1007.0	2131.3	3251.0	48.68	2.95	.00	30.20	1001.8	.00106
10	1007.5	2753.8	4571.8	50.06	2.95	.00	42.47	1003.1	.00113
11	1008.2	3582.3	6428.7	51.82	2.95	.00	59.72	1004.7	.00114
12	1009.1	4660.3	9038.1	53.81	2.95	.00	83.96	1006.2	.00106
13	1010.5	6341.2	12708.9	55.17	2.95	.00	118.06	1006.6	.00084
14	1012.3	8652.3	17869.5	55.43	2.95	.00	166.00	1007.0	.00063
15	1013.8	10637.8	21529.5	55.66	2.95	.00	200.00	1007.3	.00047

SEGMENT TABLE FOR SECTION 32

CSM		TOTAL	SEG NO 1 D	2 C	3 D
1	DISCHARGE CFS	213.	0.	213.	0.
3.	VELOCITY FPS	1.25	.00	1.25	.00
2	DISCHARGE CFS	299.	0.	299.	0.
4.	VELOCITY FPS	1.46	.00	1.46	.00
3	DISCHARGE CFS	421.	0.	421.	0.
6.	VELOCITY FPS	1.69	.00	1.69	.00
4	DISCHARGE CFS	592.	0.	592.	0.
9.	VELOCITY FPS	1.96	.00	1.96	.00
5	DISCHARGE CFS	832.	0.	832.	0.
12.	VELOCITY FPS	2.30	.00	2.30	.00
6	DISCHARGE CFS	1170.	29.	1141.	0.
17.	VELOCITY FPS	2.62	.42	2.63	.00
7	DISCHARGE CFS	1645.	216.	1428.	1.
24.	VELOCITY FPS	2.80	.54	2.94	.46
8	DISCHARGE CFS	2312.	707.	1596.	10.
34.	VELOCITY FPS	2.71	.78	3.08	.48
9	DISCHARGE CFS	3251.	1468.	1749.	34.
47.	VELOCITY FPS	2.50	.97	3.14	.61
10	DISCHARGE CFS	4572.	2487.	2011.	74.
67.	VELOCITY FPS	2.49	1.21	3.41	.74
11	DISCHARGE CFS	6429.	4019.	2235.	174.
94.	VELOCITY FPS	2.48	1.46	3.54	.92
12	DISCHARGE CFS	9038.	6170.	2512.	356.
132.	VELOCITY FPS	2.43	1.69	3.67	1.08
13	DISCHARGE CFS	12709.	9232.	2700.	777.
186.	VELOCITY FPS	2.31	1.85	3.53	1.30
14	DISCHARGE CFS	17869.	13436.	2935.	1499.
261.	VELOCITY FPS	2.24	1.97	3.36	1.54
15	DISCHARGE CFS	21530.	16425.	3021.	2084.
315.	VELOCITY FPS	2.14	1.96	3.12	1.61
1	ELEV 1000.1 KD	9080.	1.	9078.	1.
2	ELEV 1000.8 KD	12096.	1.	12094.	1.
3	ELEV 1001.6 KD	15341.	1.	16339.	1.
4	ELEV 1002.6 KD	21820.	1.	21818.	1.
5	ELEV 1003.7 KD	28517.	1.	28515.	1.
6	ELEV 1004.9 KD	37230.	6.	37223.	1.
7	ELEV 1005.8 KD	49383.	5367.	44013.	3.
8	ELEV 1006.3 KD	64988.	15919.	49002.	67.
9	ELEV 1007.0 KD	97953.	42019.	55166.	767.
10	ELEV 1007.5 KD	134201.	71532.	60705.	1964.
11	ELEV 1008.2 KD	188770.	116171.	68078.	4522.
12	ELEV 1009.1 KD	276787.	188469.	77957.	10361.
13	ELEV 1010.5 KD	436640.	316952.	93747.	25942.
14	ELEV 1012.3 KD	710024.	533763.	117123.	59138.
15	ELEV 1013.8 KD	987798.	753078.	138743.	95477.

KD TABLE FOR CROSS SECTION 32

ELEVATION	AREA	KD	KD BY SEGMENT		
995.70	0.				
996.	1.	12.	1.	9.	1.
997.	25.	445.	1.	442.	1.
998.	67.	2153.	1.	2151.	1.
999.	117.	4995.	1.	4993.	1.
1000.	166.	8716.	1.	8714.	1.
1001.	218.	13191.	1.	13189.	1.
1002.	270.	18392.	1.	18390.	1.
1003.	325.	24262.	1.	24260.	1.
1004.	381.	30773.	1.	30771.	1.
1005.	539.	39148.	14.	37934.	1.
1006.	1114.	57216.	8385.	45596.	11.
1007.	2157.	100982.	42978.	55390.	799.
1008.	3312.	171885.	101424.	65667.	3592.
1009.	4515.	265795.	179350.	76644.	9480.
1010.	5770.	379984.	271372.	88283.	19911.
1011.	7035.	513232.	377286.	100557.	34729.
1012.	8304.	665006.	497706.	113470.	53311.
1013.	9577.	833409.	631105.	126999.	74876.
1014.	10852.	1019753.	778780.	141151.	99739.
1015.	12131.	1219136.	935531.	155867.	126505.
1016.	13414.	1430853.	1103491.	171167.	155955.
1017.	14702.	1658597.	1283292.	187047.	188139.
1018.	15996.	1899904.	1473763.	203486.	222603.
1019.	17296.	2152420.	1673062.	220449.	258729.
1020.	18599.	2421856.	1886110.	237979.	297685.
1021.	19905.	2705602.	2110986.	256031.	338495.
1022.	21212.	3001167.	2345198.	274601.	381254.
1023.	22520.	3311186.	2590970.	293708.	426489.
1024.	23829.	3630146.	2843660.	313300.	473104.
1025.	25139.	3962112.	3106519.	333407.	522106.
1026.	26449.	4306376.	3378910.	354015.	573394.
1027.	27759.	4660720.	3661388.	375018.	624005.
1028.	29069.	5002700.	3929940.	396483.	675549.
1029.	30379.	5369348.	4220288.	418465.	729582.
1030.	31689.	5750836.	4522544.	440963.	786146.

RATING TABLE FOR SECTION 5 DA= 88.3

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	1000.0	0.0	0.0						
1	1004.7	85.3	212.9	.00	1.22	.00	1.98	1002.9	.00339
2	1005.5	114.9	299.0	.00	1.42	.00	2.76	1003.3	.00303
3	1006.2	148.7	420.5	.00	1.61	.00	3.91	1003.8	.00301
4	1007.0	187.1	581.5	.00	1.81	.00	5.50	1004.3	.00323
ZERO DAMG	1007.8	234.2	786.4	.00	2.01	.00			
5	1008.0	245.6	831.3	1.16	2.06	.00	7.73	1004.9	.00319
6	1008.8	520.7	1169.0	20.28	2.27	.00	10.87	1005.7	.00291
7	1009.4	941.8	1643.3	25.06	2.44	.00	15.28	1006.5	.00224
8	1009.9	1295.0	2310.1	25.33	2.55	.00	21.48	1008.1	.00214
9	1010.4	1708.8	3247.9	25.65	2.66	.00	30.20	1009.1	.00209
BANK FULL	1010.5	1814.4	3666.7	25.74	2.69	.00			
10	1010.8	2041.6	4567.5	25.92	2.75	.00	42.47	1009.2	.00248
11	1011.6	2733.6	6422.7	27.10	2.85	.00	59.72	1009.5	.00211
12	1012.3	3377.2	9029.6	28.70	2.89	.00	83.96	1009.8	.00225
13	1013.4	4482.6	12697.0	31.65	2.89	.00	118.06	1010.2	.00197
14	1014.8	5915.3	17852.8	33.36	2.89	.00	166.00	1010.7	.00168
15	1015.9	7090.1	21509.4	35.06	2.89	.00	200.00	1011.1	.00143

SEGMENT TABLE FOR SECTION 5

CSM			TOTAL	SEG NO 1 D	2 C	3 D
1	DISCHARGE CFS		213.	0.	213.	0.
3.	VELOCITY FPS		2.50	.00	2.50	.00
2	DISCHARGE CFS		299.	0.	299.	0.
4.	VELOCITY FPS		2.61	.00	2.60	.00
3	DISCHARGE CFS		421.	0.	421.	0.
6.	VELOCITY FPS		2.84	.00	2.83	.00
4	DISCHARGE CFS		592.	0.	592.	0.
9.	VELOCITY FPS		3.17	.00	3.16	.00
5	DISCHARGE CFS		831.	1.	830.	0.
12.	VELOCITY FPS		3.43	.28	3.43	.00
6	DISCHARGE CFS		1169.	144.	1025.	0.
17.	VELOCITY FPS		3.30	.64	3.47	.00
7	DISCHARGE CFS		1643.	630.	1013.	0.
24.	VELOCITY FPS		2.74	1.05	2.98	.00
8	DISCHARGE CFS		2310.	1140.	1170.	0.
34.	VELOCITY FPS		2.51	1.23	3.15	.00
9	DISCHARGE CFS		3248.	1941.	1307.	0.
48.	VELOCITY FPS		2.46	1.49	3.19	.00
10	DISCHARGE CFS		4568.	2966.	1602.	0.
67.	VELOCITY FPS		2.70	1.85	3.63	.00
11	DISCHARGE CFS		6423.	4585.	1836.	1.
94.	VELOCITY FPS		2.65	2.06	3.62	.72
12	DISCHARGE CFS		9030.	6738.	2287.	4.
132.	VELOCITY FPS		2.93	2.40	4.02	.97
13	DISCHARGE CFS		12697.	9891.	2792.	13.
186.	VELOCITY FPS		3.05	2.60	4.20	1.19
14	DISCHARGE CFS		17853.	14444.	3375.	34.
261.	VELOCITY FPS		3.18	2.83	4.32	1.40
15	DISCHARGE CFS		21509.	17700.	3754.	56.
315.	VELOCITY FPS		3.17	2.86	4.30	1.49
1	ELEV	1004.7 KD	3658.	1.	3656.	1.
2	ELEV	1005.5 KD	5433.	1.	5431.	1.
3	ELEV	1006.2 KD	7659.	1.	7657.	1.
4	ELEV	1007.0 KD	10406.	1.	10404.	1.
5	ELEV	1008.0 KD	14729.	16.	14712.	1.
6	ELEV	1008.8 KD	20413.	1277.	19134.	1.
7	ELEV	1009.4 KD	31814.	8804.	23009.	1.
8	ELEV	1009.9 KD	48020.	22069.	25950.	1.
9	ELEV	1010.4 KD	70181.	40485.	29695.	1.
10	ELEV	1010.8 KD	90966.	58020.	32944.	2.
11	ELEV	1011.6 KD	139690.	98903.	40672.	15.
12	ELEV	1012.3 KD	190021.	141308.	48641.	72.
13	ELEV	1013.4 KD	285624.	222084.	63257.	283.
14	ELEV	1014.8 KD	435008.	351472.	82744.	793.
15	ELEV	1015.9 KD	569751.	468724.	99575.	1452.

KD TABLE FOR CROSS SECTION 5

ELEVATION	AREA	KD	KD BY SEGMENT		
1000.00	0.				
1001.	4.	60.	1.	58.	1.
1002.	15.	369.	1.	367.	1.
1003.	34.	1084.	1.	1082.	1.
1004.	61.	2332.	1.	2330.	1.
1005.	95.	4227.	1.	4225.	1.
1006.	137.	6873.	1.	6871.	1.
1007.	187.	10367.	1.	10365.	1.
1008.	247.	14817.	17.	14799.	1.
1009.	585.	23593.	3331.	20260.	1.
1010.	1396.	55335.	28501.	26834.	1.
1011.	2233.	105835.	70922.	34910.	3.
1012.	3103.	170416.	125064.	45303.	49.
1013.	4059.	247044.	189090.	57631.	182.
1014.	5081.	344445.	272586.	71185.	454.
1015.	6140.	460663.	373688.	85897.	899.
1016.	7243.	584966.	481466.	101714.	1547.
1017.	8429.	706802.	585763.	118583.	2426.
1018.	9767.	838114.	693087.	136436.	3556.
1019.	1121B.	1011536.	851137.	155236.	4958.
1020.	12733.	1212809.	1030918.	175069.	6884.
1021.	14302.	1433979.	1229331.	195891.	8755.
1022.	15962.	1671427.	1442675.	217485.	11137.
1023.	17679.	1929085.	1674987.	240026.	13906.
1024.	19435.	2208554.	1927874.	263568.	17114.
1025.	21254.	2543960.	2234830.	287793.	21043.
1026.	23074.	2893604.	2555186.	312701.	25096.
1027.	24894.	3241548.	2877766.	337968.	28767.
1028.	26714.	3616359.	3216077.	364245.	32811.
1029.	28534.	4019044.	3566188.	391535.	37252.

RATING TABLE FOR SECTION 33 DA= 68.3

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	1000.8	0.0	0.0						
1	1005.8	139.4	212.9	.00	1.19	.00	1.98	1003.0	.00086
2	1006.6	175.3	298.9	.00	1.28	.00	2.78	1003.3	.00087
3	1007.4	216.3	420.3	.00	1.37	.00	3.91	1003.7	.00095
ZERO DAMG	1008.2	261.3	563.9	.00	1.45	.00			
4	1008.3	273.3	591.3	.90	1.47	.00	5.50	1004.1	.00106
5	1009.4	411.5	831.0	3.43	1.58	.00	7.73	1004.7	.00107
6	1010.3	602.9	1168.5	5.17	1.66	.00	10.87	1005.3	.00109
BANK FULL	1010.3	613.7	1196.6	5.24	1.66	.00			
7	1011.0	791.1	1642.8	6.23	1.70	.00	15.28	1006.1	.00124
8	1011.7	1002.5	2309.1	6.91	1.73	.00	21.48	1007.1	.00142
9	1012.3	1216.8	3246.5	7.54	1.75	.00	30.20	1009.2	.00177
10	1013.2	1530.7	4565.6	8.40	1.77	.00	42.47	1010.0	.00199
11	1014.2	1917.5	6420.0	9.38	1.81	.00	59.72	1010.6	.00220
12	1015.2	2332.3	9025.8	10.33	1.84	.00	83.96	1011.4	.00242
13	1016.6	2987.0	12691.6	11.69	1.80	.00	119.06	1012.2	.00273
14	1018.1	3775.7	17845.2	13.25	1.92	.00	166.00	1013.2	.00293
15	1019.1	4326.8	21500.2	14.39	1.93	.00	200.00	1013.9	.00295

SEGMENT TABLE FOR SECTION 33

			TOTAL	SEG NO 1 D	2 C	3 D
1		DISCHARGE CFS	213.	0.	213.	0.
	3.	VELOCITY FPS	1.53	.00	1.53	.00
2		DISCHARGE CFS	299.	0.	299.	0.
	4.	VELOCITY FPS	1.71	.00	1.70	.00
3		DISCHARGE CFS	420.	0.	420.	0.
	6.	VELOCITY FPS	1.95	.00	1.94	.00
4		DISCHARGE CFS	591.	3.	588.	0.
	9.	VELOCITY FPS	2.23	.33	2.23	.00
5		DISCHARGE CFS	831.	58.	773.	0.
	12.	VELOCITY FPS	2.35	.64	2.41	.00
6		DISCHARGE CFS	1169.	204.	965.	0.
	17.	VELOCITY FPS	2.42	.89	2.59	.00
7		DISCHARGE CFS	1643.	426.	1216.	0.
	24.	VELOCITY FPS	2.61	1.14	2.93	.00
8		DISCHARGE CFS	2309.	783.	1526.	0.
	34.	VELOCITY FPS	2.85	1.44	3.32	.00
9		DISCHARGE CFS	3247.	1306.	1940.	0.
	48.	VELOCITY FPS	3.25	1.82	3.80	.00
10		DISCHARGE CFS	4566.	2143.	2423.	0.
	67.	VELOCITY FPS	3.55	2.20	4.35	.00
11		DISCHARGE CFS	6420.	3381.	3039.	0.
	94.	VELOCITY FPS	3.88	2.61	4.88	.00
12		DISCHARGE CFS	9026.	5154.	3872.	0.
	132.	VELOCITY FPS	4.39	3.13	5.63	.00
13		DISCHARGE CFS	12692.	7895.	4797.	0.
	186.	VELOCITY FPS	4.73	3.58	6.14	.00
14		DISCHARGE CFS	17845.	11829.	6015.	2.
	261.	VELOCITY FPS	5.19	4.10	8.79	.84
15		DISCHARGE CFS	21500.	14661.	6832.	7.
	315.	VELOCITY FPS	5.41	4.36	7.16	.98
1	ELEV	1005.8 KD	7250.	1.	7248.	1.
2	ELEV	1006.6 KD	10109.	1.	10107.	1.
3	ELEV	1007.4 KD	13653.	1.	13651.	1.
4	ELEV	1008.3 KD	18068.	11.	18055.	1.
5	ELEV	1009.4 KD	24832.	1042.	23789.	1.
6	ELEV	1010.3 KD	34793.	5276.	29516.	1.
7	ELEV	1011.0 KD	46455.	11671.	34783.	1.
8	ELEV	1011.7 KD	61049.	20372.	40676.	1.
9	ELEV	1012.3 KD	76797.	30352.	46444.	1.
10	ELEV	1013.2 KD	102158.	47354.	54802.	1.
11	ELEV	1014.2 KD	136606.	71617.	64988.	1.
12	ELEV	1015.2 KD	176451.	100737.	75713.	1.
13	ELEV	1016.6 KD	242762.	150773.	91989.	1.
14	ELEV	1018.1 KD	329425.	217893.	111527.	5.
15	ELEV	1019.1 KD	395874.	269870.	125893.	112.

KD TABLE FOR CROSS SECTION 33

ELEVATION	AREA	KD	KD BY SEGMENT		
1000.80	0.				
1001.	0.	3.	1.	1.	1.
1002.	10.	179.	1.	177.	1.
1003.	35.	900.	1.	898.	1.
1004.	89.	2525.	1.	2523.	1.
1005.	107.	4918.	1.	4916.	1.
1006.	149.	7994.	1.	7992.	1.
1007.	195.	11792.	1.	11790.	1.
1008.	245.	16318.	1.	16316.	1.
1009.	345.	22267.	393.	21588.	1.
1010.	536.	31846.	3800.	27716.	1.
1011.	802.	47373.	12035.	35084.	1.
1012.	1110.	69196.	25434.	43596.	1.
1013.	1454.	96312.	43295.	52852.	1.
1014.	1831.	129360.	66495.	62864.	1.
1015.	2251.	168127.	94425.	73551.	1.
1016.	2707.	213217.	128073.	84955.	1.
1017.	3197.	264919.	167683.	97060.	1.
1018.	3725.	323870.	213465.	110242.	4.
1019.	4284.	391015.	266075.	124839.	101.
1020.	4900.	465880.	324741.	140501.	414.
1021.	5548.	549026.	390802.	156950.	1071.
1022.	6227.	641060.	464817.	174157.	1992.
1023.	6948.	743300.	548069.	192036.	3146.
1024.	7693.	863110.	647819.	210571.	4567.
1025.	8447.	996304.	759965.	229862.	6361.
1026.	9215.	1136386.	878002.	249764.	8407.
1027.	9993.	1285082.	1003741.	270335.	10799.
1028.	10778.	1443279.	1138083.	291809.	13387.
1029.	11580.	1607161.	1276921.	313422.	16638.
1030.	12387.	1783347.	1427041.	335917.	20215.
1031.	13201.	1972570.	1588987.	359023.	24372.
1032.	14016.	2173172.	1751602.	382517.	28356.
1033.	14831.	2357058.	1916667.	406476.	32205.
1034.	15646.	2561588.	2091517.	431133.	36433.
1035.	16461.	2776996.	2276410.	456486.	41066.

RATING TABLE FOR SECTION 6 DA= 88.5

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSH	CRIT ELEV	FRICTION SLOPE
0	1005.0	0.0	0.0						
1	1008.0	134.8	269.8	.00	2.21	.00	1.98	1005.2	.00122
2	1008.6	165.7	294.3	.00	2.26	.00	2.28	1006.4	.00126
3	1009.4	211.1	414.0	.00	2.30	.00	3.91	1006.7	.00116
4	1010.4	266.7	582.3	.00	2.34	.00	5.50	1007.0	.00111
5	1011.4	326.6	818.4	.00	2.39	.00	7.73	1007.4	.00117
6	1012.5	394.8	1150.9	.00	2.45	.00	10.87	1008.0	.00130
7	1013.6	461.2	1617.8	.00	2.50	.00	15.28	1008.6	.00160
ZERO DAMG	1014.2	590.1	1764.0	.00	2.53	.00			
BANK FULL	1014.5	747.6	2140.9	23.62	2.54	.00			
8	1014.7	866.4	2274.3	28.89	2.55	.00	21.48	1009.4	.00174
9	1015.5	1597.8	3197.5	45.18	2.57	.00	30.20	1010.3	.00163
10	1016.2	2465.8	4496.6	54.68	2.58	.00	42.47	1011.5	.00153
11	1016.8	3575.6	6323.0	71.09	2.59	.00	59.72	1013.0	.00151
12	1017.6	5182.7	8889.5	77.85	2.61	.00	83.96	1015.3	.00121
13	1018.5	6973.5	12499.9	79.92	2.62	.00	118.06	1015.7	.00102
14	1019.8	9648.4	17575.7	82.79	2.63	.00	166.00	1016.1	.00076
15	1020.6	11321.3	21175.5	84.52	2.63	.00	200.00	1016.3	.00067

SEGMENT TABLE FOR SECTION 6

CSM		TOTAL	SEG NO 1 D	2 C	3 D
1	DISCHARGE CFS	210.	0.	210.	0.
3.	VELOCITY FPS	1.56	.00	1.56	.00
2	DISCHARGE CFS	294.	0.	294.	0.
4.	VELOCITY FPS	1.78	.00	1.78	.00
3	DISCHARGE CFS	414.	0.	414.	0.
6.	VELOCITY FPS	1.96	.00	1.96	.00
4	DISCHARGE CFS	582.	0.	582.	0.
9.	VELOCITY FPS	2.19	.00	2.18	.00
5	DISCHARGE CFS	818.	0.	818.	0.
12.	VELOCITY FPS	2.51	.00	2.51	.00
6	DISCHARGE CFS	1151.	0.	1151.	0.
17.	VELOCITY FPS	2.92	.00	2.92	.00
7	DISCHARGE CFS	1618.	0.	1618.	0.
24.	VELOCITY FPS	3.51	.00	3.51	.00
8	DISCHARGE CFS	2274.	25.	2081.	168.
34.	VELOCITY FPS	3.78	.52	3.92	.58
9	DISCHARGE CFS	3198.	151.	2244.	803.
48.	VELOCITY FPS	3.47	.80	3.87	.97
10	DISCHARGE CFS	4497.	399.	2462.	1635.
68.	VELOCITY FPS	3.11	.95	3.96	1.15
11	DISCHARGE CFS	6323.	934.	2702.	2686.
95.	VELOCITY FPS	2.91	1.07	4.08	1.31
12	DISCHARGE CFS	8889.	1857.	2672.	4360.
134.	VELOCITY FPS	2.50	1.25	3.73	1.46
13	DISCHARGE CFS	12500.	3085.	2826.	6588.
188.	VELOCITY FPS	2.27	1.42	3.65	1.64
14	DISCHARGE CFS	17576.	4951.	2919.	9705.
264.	VELOCITY FPS	2.09	1.53	3.41	1.75
15	DISCHARGE CFS	21176.	6256.	3059.	11861.
318.	VELOCITY FPS	2.07	1.60	3.37	1.82
1	ELEV 1008.0 KD	5992.	1.	5990.	1.
2	ELEV 1008.6 KD	8306.	1.	8304.	1.
3	ELEV 1009.4 KD	12159.	1.	12157.	1.
4	ELEV 1010.4 KD	17504.	1.	17502.	1.
5	ELEV 1011.4 KD	23948.	1.	23946.	1.
6	ELEV 1012.5 KD	31954.	1.	31952.	1.
7	ELEV 1013.6 KD	40387.	1.	40385.	1.
8	ELEV 1014.7 KD	50743.	140.	50029.	575.
9	ELEV 1015.5 KD	74123.	2424.	57365.	14334.
10	ELEV 1016.2 KD	113518.	8771.	64040.	40708.
11	ELEV 1016.8 KD	160360.	21855.	70755.	67751.
12	ELEV 1017.6 KD	251741.	49878.	79388.	121975.
13	ELEV 1018.5 KD	390647.	95027.	90303.	205317.
14	ELEV 1019.8 KD	635044.	177740.	106918.	350386.
15	ELEV 1020.6 KD	815161.	240803.	117788.	456570.

KD TABLE FOR CROSS SECTION 8

ELEVATION	AREA	KD	KD BY SEGMENT		
1005.00	0.				
1006.	32.	630.	1.	628.	1.
1007.	80.	2665.	1.	2663.	1.
1008.	133.	5867.	1.	5865.	1.
1009.	188.	10165.	1.	10163.	1.
1010.	245.	15382.	1.	15380.	1.
1011.	304.	21384.	1.	21382.	1.
1012.	363.	28116.	1.	28114.	1.
1013.	423.	35533.	1.	35531.	1.
1014.	485.	43593.	1.	43591.	1.
1015.	1010.	58948.	816.	52555.	5577.
1016.	2195.	105208.	6965.	62447.	35795.
1017.	3932.	181313.	29002.	72978.	79336.
1018.	5922.	309972.	67873.	84104.	155739.
1019.	7967.	476225.	122934.	96371.	255370.
1020.	10066.	677367.	192020.	109585.	374804.
1021.	12217.	910925.	274388.	123678.	512415.
1022.	14420.	1175850.	370408.	138236.	666891.
1023.	16673.	1473654.	483293.	153537.	836461.
1024.	18949.	1804329.	612359.	169467.	1021945.
1025.	21236.	2169426.	757233.	186034.	1225845.
1026.	23530.	2565920.	915197.	203222.	1447503.
1027.	25835.	2981612.	1080936.	220784.	1679445.
1028.	28146.	3425499.	1259105.	239346.	1926778.
1029.	30462.	3900369.	1451023.	258313.	2191034.
1030.	32790.	4393284.	1649720.	277817.	2465532.
1031.	35119.	4902168.	1854801.	297848.	2748984.
1032.	37449.	5409612.	2057538.	318335.	3031962.
1033.	39779.	5948226.	2273832.	339408.	3332173.
1034.	42109.	6518710.	2504074.	361063.	3650000.

RATING TABLE FOR SECTION 34 DA= 88.2

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	1014.2	0.0	0.0						
1	1016.7	107.1	209.1	.00	4.26	.00	1.98	1015.4	.00244
2	1017.3	136.0	293.6	.00	4.39	.00	2.78	1015.6	.00227
3	1017.9	168.8	413.0	.00	4.55	.00	3.91	1015.9	.00230
4	1018.6	207.4	580.9	.00	4.72	.00	5.50	1016.2	.00243
5	1019.6	269.4	816.4	.00	4.78	.00	7.73	1016.6	.00218
6	1020.7	338.2	1148.1	.00	5.26	.00	10.87	1017.1	.00220
ZERO DAMG	1021.6	403.2	1500.9	.00	5.48	.00			
7	1021.9	433.7	1613.8	5.37	5.55	.00	15.28	1017.8	.00239
BANK FULL	1022.6	571.7	2036.2	12.36	5.69	.00			
8	1023.0	673.6	2268.7	16.21	5.75	.00	21.48	1018.6	.00239
9	1024.0	1033.5	3189.6	26.12	5.79	.00	30.20	1019.6	.00229
10	1024.9	1420.1	4485.6	31.57	5.79	.00	42.47	1020.8	.00237
11	1026.0	2050.0	6307.5	54.88	5.79	.00	59.72	1023.1	.00250
12	1026.8	2684.1	8867.6	61.11	5.79	.00	83.96	1023.8	.00274
13	1027.7	3464.1	12469.2	61.54	5.79	.00	118.06	1024.6	.00272
14	1028.9	4437.2	17532.5	62.08	5.79	.00	166.00	1025.6	.00263
15	1029.5	4982.9	21123.5	62.38	5.79	.00	200.00	1026.3	.00271

SEGMENT TABLE FOR SECTION 34

CSM		TOTAL	SEG NO 1 D	2 C	3 D
1	DISCHARGE CFS	209.	0.	209.	0.
3.	VELOCITY FPS	1.96	.00	1.95	.00
2	DISCHARGE CFS	294.	0.	294.	0.
4.	VELOCITY FPS	2.16	.00	2.16	.00
3	DISCHARGE CFS	413.	0.	413.	0.
6.	VELOCITY FPS	2.45	.00	2.45	.00
4	DISCHARGE CFS	581.	0.	581.	0.
9.	VELOCITY FPS	2.80	.00	2.80	.00
5	DISCHARGE CFS	816.	0.	816.	0.
12.	VELOCITY FPS	3.03	.00	3.03	.00
6	DISCHARGE CFS	1148.	0.	1148.	0.
17.	VELOCITY FPS	3.40	.00	3.39	.00
7	DISCHARGE CFS	1614.	10.	1603.	0.
24.	VELOCITY FPS	3.87	.51	3.88	.00
8	DISCHARGE CFS	2269.	200.	2069.	0.
34.	VELOCITY FPS	4.07	1.09	4.22	.00
9	DISCHARGE CFS	3190.	630.	2500.	60.
48.	VELOCITY FPS	4.06	1.50	4.48	1.08
10	DISCHARGE CFS	4486.	1270.	3024.	192.
68.	VELOCITY FPS	4.19	1.87	4.88	1.60
11	DISCHARGE CFS	6307.	2031.	3818.	459.
95.	VELOCITY FPS	4.43	1.77	5.46	2.23
12	DISCHARGE CFS	8868.	3668.	4469.	730.
134.	VELOCITY FPS	4.63	2.21	5.91	2.70
13	DISCHARGE CFS	12469.	6225.	5166.	1078.
188.	VELOCITY FPS	4.64	2.71	6.29	3.11
14	DISCHARGE CFS	17533.	9999.	5972.	1562.
265.	VELOCITY FPS	4.73	3.23	6.62	3.53
15	DISCHARGE CFS	21123.	12648.	6574.	1901.
319.	VELOCITY FPS	4.92	3.58	6.94	3.81
1	ELEV 1016.7 KD	4234.	1.	4232.	1.
2	ELEV 1017.3 KD	6162.	1.	6160.	1.
3	ELEV 1017.9 KD	8602.	1.	8600.	1.
4	ELEV 1018.6 KD	11774.	1.	11772.	1.
5	ELEV 1019.6 KD	17469.	1.	17467.	1.
6	ELEV 1020.7 KD	24424.	1.	24422.	1.
7	ELEV 1021.9 KD	32875.	36.	32838.	1.
8	ELEV 1023.0 KD	45488.	3037.	42449.	1.
9	ELEV 1024.0 KD	65200.	12279.	52583.	338.
10	ELEV 1024.9 KD	91274.	25167.	62574.	3533.
11	ELEV 1026.0 KD	125880.	40502.	76444.	8934.
12	ELEV 1026.8 KD	167510.	66505.	87196.	13809.
13	ELEV 1027.7 KD	238135.	117412.	100134.	20588.
14	ELEV 1028.9 KD	341078.	193563.	117125.	30390.
15	ELEV 1029.5 KD	405623.	242048.	127051.	36524.

KD TABLE FOR CROSS SECTION 34

ELEVATION	AREA	KD	KD BY SEGMENT		
1014.20	0.				
1015.	23.	355.	1.	353.	1.
1016.	71.	2194.	1.	2191.	1.
1017.	122.	5168.	1.	5166.	1.
1018.	175.	9124.	1.	9122.	1.
1019.	232.	13991.	1.	13989.	1.
1020.	292.	19733.	1.	19731.	1.
1021.	355.	26339.	1.	26337.	1.
1022.	447.	34059.	88.	33768.	1.
1023.	674.	46442.	3055.	42470.	1.
1024.	1042.	67214.	12577.	52826.	396.
1025.	1486.	96894.	27852.	64294.	4165.
1026.	2059.	126523.	40687.	76645.	9027.
1027.	2846.	183009.	76114.	89033.	15130.
1028.	3683.	260200.	132624.	103841.	22605.
1029.	4525.	351387.	200783.	118697.	31319.
1030.	5373.	455442.	279662.	134317.	41222.
1031.	6226.	571561.	368576.	150702.	52284.
1032.	7087.	696884.	464456.	167797.	64264.
1033.	7953.	834412.	570968.	185643.	77500.
1034.	8823.	983369.	687114.	204217.	91930.
1035.	9700.	1141669.	810692.	223479.	107382.
1036.	10583.	1309406.	941916.	243420.	123895.
1037.	11472.	1487564.	1081798.	264049.	141581.
1038.	12366.	1675846.	1229709.	285350.	160403.
1039.	13267.	1871725.	1384046.	307287.	180244.
1040.	14171.	2078653.	1547362.	329895.	201343.
1041.	15083.	2293360.	1716685.	353121.	223465.
1042.	16001.	2517096.	1893275.	376978.	246754.
1043.	16922.	2750696.	2077930.	401475.	271288.
1044.	17854.	2990314.	2266876.	426545.	296786.
1045.	18787.	3241922.	2465626.	452256.	323929.
1046.	19727.	3505907.	2673808.	478541.	353461.
1047.	20666.	3775504.	2886068.	505378.	383799.
1048.	21606.	4046153.	3098258.	532704.	414361.
1049.	22546.	4327460.	3318182.	560647.	446359.
1050.	23486.	4619512.	3548919.	589199.	479815.

RATING TABLE FOR SECTION 7 DA= 65.9

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	1016.0	0.0	0.0						
1	1019.1	135.8	208.6	.00	2.40	.00	1.98	1017.3	.00119
2	1019.8	169.5	292.8	.00	2.44	.00	2.78	1017.5	.00116
3	1020.4	201.5	411.8	.00	2.47	.00	3.91	1017.8	.00133
4	1021.2	248.3	579.3	.00	2.52	.00	5.50	1018.1	.00137
5	1022.4	312.9	814.2	.00	2.58	.00	7.73	1018.5	.00132
6	1023.6	384.0	1144.9	.00	2.64	.00	10.87	1019.0	.00140
ZERO DAMG	1025.0	465.8	1598.1	.00	2.72	.00			
7	1025.0	477.7	1609.4	.57	2.72	.00	15.28	1019.6	.00152
8	1026.1	848.6	2262.5	16.91	2.78	.00	21.48	1020.4	.00162
9	1027.1	1404.7	3180.9	24.14	2.83	.00	30.20	1021.4	.00145
BANK FULL	1027.5	1631.4	3677.8	27.18	2.85	.00			
10	1028.1	2027.8	4473.3	32.04	2.87	.00	42.47	1022.6	.00143
11	1028.9	3027.5	6290.2	56.14	2.90	.00	59.72	1024.2	.00149
12	1029.8	4403.3	8843.4	71.63	2.91	.00	83.96	1026.5	.00136
13	1030.6	5690.9	12435.1	78.80	2.91	.00	118.06	1027.2	.00141
14	1031.6	7575.7	17484.5	80.69	2.91	.00	166.00	1027.9	.00126
15	1032.3	8796.9	21065.7	81.88	2.91	.00	200.00	1028.3	.00120

SEGMENT TABLE FOR SECTION 7

CSM			TOTAL	SEG NO 1 D	2 C	3 D
1		DISCHARGE CFS	209.	0.	209.	0.
	3.	VELOCITY FPS	1.54	.00	1.54	.00
2		DISCHARGE CFS	293.	0.	293.	0.
	4.	VELOCITY FPS	1.73	.00	1.73	.00
3		DISCHARGE CFS	412.	0.	412.	0.
	6.	VELOCITY FPS	2.05	.00	2.04	.00
4		DISCHARGE CFS	579.	0.	579.	0.
	9.	VELOCITY FPS	2.34	.00	2.33	.00
5		DISCHARGE CFS	814.	0.	814.	0.
	12.	VELOCITY FPS	2.60	.00	2.60	.00
6		DISCHARGE CFS	1145.	0.	1145.	0.
	17.	VELOCITY FPS	2.98	.00	2.98	.00
7		DISCHARGE CFS	1609.	1.	1602.	7.
	24.	VELOCITY FPS	3.42	.59	3.42	.81
8		DISCHARGE CFS	2262.	26.	1989.	247.
	34.	VELOCITY FPS	3.55	.66	3.75	.89
9		DISCHARGE CFS	3181.	144.	2235.	801.
	48.	VELOCITY FPS	3.24	.98	3.74	1.22
10		DISCHARGE CFS	4473.	357.	2577.	1539.
	68.	VELOCITY FPS	3.15	1.13	3.94	1.45
11		DISCHARGE CFS	6290.	778.	2919.	2593.
	95.	VELOCITY FPS	3.09	.97	4.12	1.70
12		DISCHARGE CFS	8843.	1855.	3126.	3863.
	134.	VELOCITY FPS	2.89	1.17	4.08	1.89
13		DISCHARGE CFS	12435.	3387.	3589.	5460.
	189.	VELOCITY FPS	2.92	1.43	4.41	2.18
14		DISCHARGE CFS	17485.	6114.	3903.	7468.
	265.	VELOCITY FPS	2.80	1.72	4.43	2.37
15		DISCHARGE CFS	21066.	8176.	4072.	8817.
	319.	VELOCITY FPS	2.82	1.90	4.41	2.48
1	ELEV	1019.1 KD	6055.	1.	6053.	1.
2	ELEV	1019.8 KD	8613.	1.	8611.	1.
3	ELEV	1020.4 KD	11312.	1.	11310.	1.
4	ELEV	1021.2 KD	15665.	1.	15663.	1.
5	ELEV	1022.4 KD	22395.	1.	22393.	1.
6	ELEV	1023.6 KD	30561.	1.	30559.	1.
7	ELEV	1025.0 KD	41124.	1.	41122.	1.
8	ELEV	1026.1 KD	55862.	536.	49584.	5742.
9	ELEV	1027.1 KD	82870.	3501.	59007.	20382.
10	ELEV	1028.1 KD	116845.	9086.	67788.	39971.
11	ELEV	1028.9 KD	161706.	19046.	78714.	65947.
12	ELEV	1029.8 KD	236377.	44732.	87204.	104442.
13	ELEV	1030.6 KD	329577.	87527.	96552.	145499.
14	ELEV	1031.6 KD	492908.	172302.	110053.	210548.
15	ELEV	1032.3 KD	605800.	232038.	118911.	254850.

KD TABLE FOR CROSS SECTION 7

ELEVATION	AREA	KD	KD BY SEGMENT		
1016.00	0.				
1017.	26.	407.	1.	404.	1.
1018.	76.	2389.	1.	2387.	1.
1019.	128.	5535.	1.	5533.	1.
1020.	182.	9602.	1.	9600.	1.
1021.	236.	14485.	1.	14483.	1.
1022.	292.	20099.	1.	20097.	1.
1023.	349.	26392.	1.	26390.	1.
1024.	407.	33323.	1.	33321.	1.
1025.	466.	40853.	1.	40851.	1.
1026.	812.	54637.	464.	48961.	5212.
1027.	1309.	78756.	2973.	57632.	18152.
1028.	1954.	114201.	8585.	67149.	38467.
1029.	3135.	168859.	20564.	77704.	69459.
1030.	4716.	260528.	53534.	89478.	113918.
1031.	6477.	392024.	116826.	102085.	170307.
1032.	8312.	559597.	206457.	115353.	236448.
1033.	10185.	756222.	314810.	129262.	311562.
1034.	12099.	979436.	439328.	143791.	395612.
1035.	14051.	1227849.	579749.	158923.	488327.
1036.	16033.	1503729.	738100.	174671.	590305.
1037.	18045.	1804286.	911988.	191018.	701278.
1038.	20120.	2120088.	1093005.	207914.	818839.
1039.	22224.	2470692.	1298417.	225388.	946395.
1040.	24348.	2858574.	1530373.	243443.	1084752.
1041.	26501.	3261820.	1771802.	262020.	1227601.
1042.	28665.	3693570.	2032598.	281159.	1379578.
1043.	30846.	4147745.	2308074.	300835.	1538692.
1044.	33043.	4670148.	2604970.	321028.	1703823.
1045.	35247.	5142524.	2923458.	341754.	1877182.
1046.	37455.	5673792.	3254536.	362980.	2055955.
1047.	39666.	6230485.	3603009.	384730.	2242572.
1048.	41881.	6806502.	3963918.	406978.	2435410.
1049.	44101.	7402582.	4337968.	429722.	2634698.
1050.	46322.	8021512.	4727264.	452959.	2841188.
1051.	48549.	8657472.	5126048.	476685.	3054600.
1052.	50778.	9320029.	5542449.	500907.	3276673.
1053.	53008.	9967168.	5943050.	525463.	3497778.
1054.	55238.	10640152.	6360749.	550521.	3727310.
1055.	57468.	11339352.	6795800.	576075.	3965344.
1056.	59698.	12064968.	7248465.	602123.	4211976.

RATING TABLE FOR SECTION 35 DM= 65.7

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	1020.3	0.0	0.0						
1	1023.0	118.4	208.1	.00	2.25	.00	1.98	1021.3	.00221
2	1023.6	149.8	292.1	.00	2.35	.00	2.78	1021.5	.00213
3	1024.4	191.5	410.9	.00	2.47	.00	3.91	1021.8	.00200
4	1025.2	235.6	578.0	.00	2.60	.00	5.50	1022.2	.00214
5	1026.3	297.9	812.3	.00	2.76	.00	7.73	1022.6	.00213
ZERO DAMG	1026.4	304.5	838.3	.00	2.78	.00			
6	1027.7	392.5	1142.3	.52	2.98	.00	10.87	1023.2	.00200
BANK FULL	1028.4	452.9	1400.2	.74	3.08	.00			
7	1029.0	505.3	1605.7	.92	3.11	.00	15.28	1023.8	.00205
8	1030.3	627.4	2257.2	1.11	3.17	.00	21.48	1024.7	.00222
9	1031.8	776.9	3173.6	1.38	3.21	.00	30.20	1025.7	.00241
10	1033.3	942.3	4463.0	1.83	3.21	.00	42.47	1027.1	.00274
11	1034.9	1124.0	6275.7	2.28	3.21	.00	59.72	1028.7	.00333
12	1036.7	1362.8	8823.0	2.82	3.21	.00	83.96	1030.1	.00390
13	1038.7	1641.5	12406.4	3.40	3.21	.00	118.06	1031.9	.00469
14	1041.0	2004.7	17444.2	4.30	3.21	.00	166.00	1034.2	.00556
15	1042.5	2288.0	21017.2	5.97	3.21	.00	200.00	1035.5	.00617

SEGMENT TABLE FOR SECTION 35

CSM		TOTAL	SEG NO 1 D	2 C	3 D
1	DISCHARGE CFS	208.	0.	208.	0.
3.	VELOCITY FPS	1.76	.00	1.76	.00
2	DISCHARGE CFS	292.	0.	292.	0.
4.	VELOCITY FPS	1.95	.00	1.95	.00
3	DISCHARGE CFS	411.	0.	411.	0.
6.	VELOCITY FPS	2.15	.00	2.15	.00
4	DISCHARGE CFS	578.	0.	578.	0.
9.	VELOCITY FPS	2.46	.00	2.45	.00
5	DISCHARGE CFS	812.	0.	812.	0.
12.	VELOCITY FPS	2.73	.00	2.73	.00
6	DISCHARGE CFS	1142.	6.	1136.	0.
17.	VELOCITY FPS	2.96	.66	2.96	.00
7	DISCHARGE CFS	1606.	39.	1567.	0.
24.	VELOCITY FPS	3.30	1.14	3.32	.00
8	DISCHARGE CFS	2257.	105.	2152.	0.
34.	VELOCITY FPS	3.76	1.60	3.83	.00
9	DISCHARGE CFS	3174.	231.	2943.	1.
48.	VELOCITY FPS	4.30	2.11	4.41	.69
10	DISCHARGE CFS	4463.	423.	4032.	8.
68.	VELOCITY FPS	5.02	2.64	5.21	1.01
11	DISCHARGE CFS	6276.	719.	5520.	37.
96.	VELOCITY FPS	5.98	3.29	6.26	1.59
12	DISCHARGE CFS	8823.	1194.	7508.	120.
134.	VELOCITY FPS	7.02	4.01	7.42	2.26
13	DISCHARGE CFS	12406.	1917.	10191.	298.
189.	VELOCITY FPS	8.28	4.88	8.86	3.02
14	DISCHARGE CFS	17444.	2909.	13863.	672.
266.	VELOCITY FPS	9.72	5.58	10.55	3.95
15	DISCHARGE CFS	21017.	3489.	16586.	943.
320.	VELOCITY FPS	10.67	5.42	11.70	4.14
1	ELEV 1023.0 KD	4421.	1.	4419.	1.
2	ELEV 1023.6 KD	6332.	1.	6330.	1.
3	ELEV 1024.4 KD	9184.	1.	9182.	1.
4	ELEV 1025.2 KD	12487.	1.	12485.	1.
5	ELEV 1026.3 KD	17600.	2.	17597.	1.
6	ELEV 1027.7 KD	25529.	108.	25420.	1.
7	ELEV 1029.0 KD	35397.	765.	34631.	1.
8	ELEV 1030.3 KD	47862.	2234.	45626.	1.
9	ELEV 1031.8 KD	64612.	4632.	59976.	5.
10	ELEV 1033.3 KD	85166.	8032.	77004.	130.
11	ELEV 1034.9 KD	108751.	12414.	95722.	615.
12	ELEV 1036.7 KD	141224.	19057.	120296.	1871.
13	ELEV 1038.7 KD	181173.	27951.	148922.	4300.
14	ELEV 1041.0 KD	233805.	38988.	185879.	8938.
15	ELEV 1042.5 KD	267564.	44421.	211163.	11981.

KD TABLE FOR CROSS SECTION 35

ELEVATION	AREA	KD	KD BY SEGMENT		
1020.30	0.				
1021.	27.	416.	1.	414.	1.
1022.	71.	1975.	1.	1973.	1.
1023.	118.	4391.	1.	4389.	1.
1024.	169.	7573.	1.	7571.	1.
1025.	223.	11485.	1.	11483.	1.
1026.	280.	16114.	1.	16112.	1.
1027.	344.	21486.	9.	21457.	1.
1028.	420.	27753.	199.	27519.	1.
1029.	507.	35602.	779.	34759.	1.
1030.	599.	44853.	1816.	42992.	1.
1031.	696.	55198.	3225.	51939.	1.
1032.	797.	67068.	5009.	62019.	9.
1033.	904.	80325.	7170.	73017.	72.
1034.	1018.	94833.	9755.	84736.	278.
1035.	1138.	110629.	12768.	97147.	664.
1036.	1264.	127751.	16228.	110228.	1275.
1037.	1398.	146243.	20136.	123951.	2133.
1038.	1539.	166155.	24505.	138292.	3268.
1039.	1685.	187507.	29326.	153277.	4747.
1040.	1837.	210164.	34656.	168886.	6605.
1041.	1997.	232712.	38779.	185067.	8815.
1042.	2182.	255251.	42499.	201841.	10887.
1043.	2392.	279950.	47881.	219203.	12746.
1044.	2634.	310050.	58554.	237127.	14238.
1045.	2921.	344755.	70009.	255604.	18658.
1046.	3231.	383452.	82464.	274654.	26113.
1047.	3571.	428730.	94954.	294219.	38622.
1048.	3918.	477380.	109388.	314334.	54001.
1049.	4266.	529516.	122718.	334987.	71611.
1050.	4624.	585656.	138193.	356133.	90504.
1051.	4983.	645247.	154766.	377815.	112299.
1052.	5343.	708889.	170497.	399845.	130713.
1053.	5703.	767931.	187263.	422416.	151431.
1054.	6063.	834456.	205097.	445523.	174657.

TABLE OF VALUES FOR BPR EQUATION

COEFK	AKB	DGTAK	SIGMA	DKE	DKS	M	ALPHA	ALPHA2	BRIDA	APPAR	AEXIT
.1126	.0000	.1126	.9990	.0000	.0000	.9999	1.0000	1.0000	142.8276	143.1475	132.0093
DCRIT	1021.32	KBCRIT=									
.1066	.0000	.1066	.9990	.0000	.0000	.9999	1.0000	1.0000	180.0119	177.2497	164.0550
DCRIT	1021.52	KBCRIT=									
.1010	.0000	.1010	.9990	.0000	.0000	.9999	1.0000	1.0000	229.0291	220.3876	206.6130
DCRIT	1021.79	KBCRIT=									
.0960	.0000	.0960	.9990	.0000	.0000	.9999	1.0000	1.0000	281.5120	268.0554	252.3973
DCRIT	1022.11	KBCRIT=									
.0914	.0000	.0914	.9990	.0000	.0000	.9999	1.0000	1.0000	356.3914	328.0417	315.9470
DCRIT	1022.51	KBCRIT=									
.0952	.0000	.0952	.9990	.0000	.0000	.9999	1.0000	1.0000	494.2637	425.8479	416.0632
DCRIT	1023.00	KBCRIT=									
.0971	.0014	.0958	.9988	.0000	.0000	.9969	1.2561	1.2553	635.1445	595.5977	531.8987
DCRIT	1023.62	KBCRIT=									
.1298	.0353	.0946	.9957	.0000	.0000	.9694	1.3974	1.3853	785.0874	848.1790	658.2488
DCRIT	1024.37	KBCRIT=									
.2202	.1288	.0914	.9823	.0000	.0000	.9076	1.4902	1.4449	965.5869	1209.9270	811.4705
DCRIT	1025.30	KBCRIT=									
.4561	.3717	.0845	.9332	.0000	.0000	.7898	1.5499	1.4343	1162.2378	1745.7727	985.1309
DCRIT	1026.87	KBCRIT=									
.6663	.5889	.0774	.8826	.0000	.0000	.7076	1.8420	1.5958	1373.5845	2523.9983	1179.0181
DCRIT	1027.94	KBCRIT=									
1.0070	.9379	.0671	.7961	.0000	.0000	.5971	1.6322	1.3775	1640.5151	3928.9478	1431.6184
DCRIT	1029.24	KBCRIT=									
1.1831	1.1227	.0605	.7501	.0000	.0000	.5464	1.5280	1.2885	2018.8977	4788.4648	1732.5132
DCRIT	1030.84	KBCRIT=									
.0000	.0000	.0000	.0000	.0000	.0000	.0000	1.5280	1.2885	2018.8977	4788.4648	1732.5132
DCRIT	-1.00	KBCRIT=									
.0000	.0000	.0000	.0000	.0000	.0000	.0000	1.5280	1.2885	2018.8977	4788.4648	1732.5132
DCRIT	-1.00	KBCRIT=									

ROAD SECTION SR1350

NO.	HW	CFS	HL	TW	CSM
0	1020.20	0.00	0.00	0.00	0.00
1	1023.19	208.07	.00	1023.19	1.98
2	1023.84	292.14	.02	1023.82	2.78
3	1024.63	410.89	.02	1024.61	3.91
4	1025.44	577.93	.02	1025.42	5.50
5	1026.51	812.31	.02	1026.49	7.73
6	1027.88	1142.28	.02	1027.86	10.87
7	1029.20	1605.72	.02	1029.18	15.28
8	1030.60	2257.24	.08	1030.52	21.48
9	1032.20	3173.59	.16	1032.04	30.20
10	1033.98	4463.00	.36	1033.62	42.47
11	1035.91	6275.73	.68	1035.23	59.72
12	1038.30	8826.01	1.20	1037.15	83.96
13	1040.84	12406.43	1.62	1039.22	118.06
14	1044.36	17444.25	2.70	1041.66	166.00
15	1045.98	21017.17	2.72	1043.26	200.00

MIN ROAD ELEVATION 1042.70

BRIDGE TYPE 2 GIRDER BOTTOM ELEVATION = 1039.70 OPENING NO.= 1

RATING TABLE FOR SECTION 37 DA= 85.7

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	1021.2	0.0	0.0						
1	1023.5	106.7	208.1	.00	.06	.00	1.98	1022.1	.00323
2	1024.1	138.1	292.1	.00	.06	.00	2.78	1022.3	.00282
3	1024.9	178.0	410.9	.00	.06	.00	3.91	1022.6	.00254
4	1025.7	221.9	578.0	.00	.06	.00	5.50	1022.9	.00255
5	1026.7	281.2	812.3	.00	.07	.00	7.73	1023.4	.00246
6	1028.1	361.2	1142.3	.00	.07	.00	10.87	1023.9	.00230
BANK FULL	1028.3	374.9	1221.9	.00	.07	.00			
ZERO DAMG	1028.3	374.9	1221.9	.00	.07	.00			
7	1029.4	479.0	1605.7	.07	.07	.00	15.28	1024.6	.00235
8	1030.8	689.1	2257.2	.13	.07	.00	21.48	1025.4	.00231
9	1032.4	1001.2	3173.6	.18	.07	.00	30.20	1026.4	.00211
10	1034.1	1459.9	4463.9	.27	.07	.00	42.47	1027.6	.00185
11	1036.0	2127.8	6275.7	.41	.07	.00	59.72	1030.0	.00169
12	1038.4	3365.7	8823.0	.60	.07	.00	83.96	1031.2	.00128
13	1040.9	4904.9	12406.4	.68	.07	.00	118.06	1032.5	.00096
14	1044.4	7294.9	17444.2	.73	.07	.00	166.00	1033.9	.00062
15	1046.0	8445.8	21017.2	.75	.07	.00	200.00	1034.7	.00059

SEGMENT TABLE FOR SECTION 37

CSH		TOTAL	SEG NO 1 D	2 C	3 D
1	DISCHARGE CFS	208.	0.	208.	0.
3.	VELOCITY FPS	1.95	.00	1.95	.00
2	DISCHARGE CFS	292.	0.	292.	0.
4.	VELOCITY FPS	2.12	.00	2.12	.00
3	DISCHARGE CFS	411.	0.	411.	0.
6.	VELOCITY FPS	2.31	.00	2.31	.00
4	DISCHARGE CFS	578.	0.	578.	0.
9.	VELOCITY FPS	2.61	.00	2.60	.00
5	DISCHARGE CFS	812.	0.	812.	0.
12.	VELOCITY FPS	2.89	.00	2.89	.00
6	DISCHARGE CFS	1142.	0.	1142.	0.
17.	VELOCITY FPS	3.17	.00	3.16	.00
7	DISCHARGE CFS	1606.	27.	1579.	0.
24.	VELOCITY FPS	3.55	.73	3.57	.00
8	DISCHARGE CFS	2257.	188.	2069.	0.
34.	VELOCITY FPS	3.78	1.17	3.92	.00
9	DISCHARGE CFS	3174.	564.	2609.	1.
48.	VELOCITY FPS	3.82	1.52	4.14	.55
10	DISCHARGE CFS	4463.	1232.	3209.	22.
68.	VELOCITY FPS	3.79	1.79	4.31	.83
11	DISCHARGE CFS	6276.	2169.	3981.	126.
96.	VELOCITY FPS	3.83	1.88	4.38	1.21
12	DISCHARGE CFS	8823.	3906.	4535.	382.
134.	VELOCITY FPS	3.45	1.88	4.43	1.42
13	DISCHARGE CFS	12404.	6594.	5029.	788.
189.	VELOCITY FPS	3.12	2.06	4.24	1.50
14	DISCHARGE CFS	17444.	10322.	5412.	1710.
266.	VELOCITY FPS	2.74	2.11	3.83	1.75
15	DISCHARGE CFS	21017.	12785.	5951.	2281.
320.	VELOCITY FPS	2.80	2.23	3.92	1.91
1	ELEV 1023.5 KD	3663.	1.	3661.	1.
2	ELEV 1024.1 KD	5498.	1.	5496.	1.
3	ELEV 1024.9 KD	8158.	1.	8156.	1.
4	ELEV 1025.7 KD	11443.	1.	11441.	1.
5	ELEV 1026.7 KD	16386.	1.	16384.	1.
6	ELEV 1028.1 KD	23815.	2.	23812.	1.
7	ELEV 1029.4 KD	32975.	374.	32600.	1.
8	ELEV 1030.8 KD	46693.	3519.	43173.	1.
9	ELEV 1032.4 KD	68936.	12083.	56851.	2.
10	ELEV 1034.1 KD	103371.	28221.	74751.	399.
11	ELEV 1036.0 KD	152444.	52698.	96883.	2862.
12	ELEV 1038.4 KD	245847.	107985.	127434.	10428.
13	ELEV 1040.9 KD	400748.	212856.	162563.	25330.
14	ELEV 1044.4 KD	699834.	413700.	217981.	68153.
15	ELEV 1046.0 KD	865132.	525920.	245689.	93525.

KD TABLE FOR CROSS SECTION 37

ELEVATION	AREA	KD	KD BY SEGMENT		
1021.20	0.				
1022.	34.	592.	1.	590.	1.
1023.	82.	2423.	1.	2421.	1.
1024.	133.	5151.	1.	5149.	1.
1025.	185.	8656.	1.	8654.	1.
1026.	240.	12878.	1.	12876.	1.
1027.	297.	17782.	1.	17780.	1.
1028.	357.	23368.	1.	23365.	1.
1029.	435.	30045.	79.	29861.	1.
1030.	564.	38711.	1302.	37168.	1.
1031.	730.	49802.	4490.	45105.	1.
1032.	925.	63520.	9703.	53648.	1.
1033.	1156.	80542.	17153.	63188.	33.
1034.	1431.	101353.	27027.	73637.	333.
1035.	1746.	126099.	39745.	84778.	1212.
1036.	2116.	151943.	52448.	96542.	2808.
1037.	2565.	179237.	64490.	108911.	5283.
1038.	3118.	225146.	94493.	121870.	8783.
1039.	3711.	278591.	129398.	135383.	13162.
1040.	4331.	339541.	170631.	149473.	18853.
1041.	4975.	408528.	217840.	164126.	26280.
1042.	5641.	486409.	269834.	179312.	36941.
1043.	6321.	570678.	326269.	195028.	48935.
1044.	7011.	661863.	387812.	211271.	62459.
1045.	7713.	759636.	454106.	228035.	77290.
1046.	8430.	863069.	524281.	245295.	93150.
1047.	9154.	973745.	599924.	263071.	110632.
1048.	9895.	1089872.	679298.	281329.	129035.
1049.	10647.	1212380.	763361.	300076.	148736.
1050.	11408.	1341830.	852611.	319317.	169902.
1051.	12178.	1485455.	953479.	339007.	192656.
1052.	12948.	1635846.	1059646.	359173.	216739.
1053.	13718.	1782607.	1161950.	379717.	239359.
1054.	14488.	1937378.	1270505.	400746.	263530.
1055.	15258.	2100324.	1385477.	422255.	289303.

RATING TABLE FOR SECTION 3B DA= 64.5

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	1028.0	0.0	0.0						
1	1031.0	95.5	205.9	.00	2.20	.00	1.98	1029.5	.00360
2	1031.8	126.2	289.1	.00	2.31	.00	2.78	1029.8	.00303
3	1032.4	156.0	406.6	.00	2.41	.00	3.91	1030.1	.00315
4	1033.2	190.5	571.8	.00	2.51	.00	5.50	1030.5	.00343
5	1034.3	245.7	803.7	.00	2.68	.00	7.73	1031.0	.00319
6	1035.5	307.5	1130.2	.00	2.85	.00	10.87	1031.6	.00329
7	1037.0	391.5	1588.8	.00	3.07	.00	15.28	1032.3	.00325
8	1038.6	492.3	2233.4	.00	3.32	.00	21.48	1033.2	.00336
ZERO DAMG	1040.4	614.4	3134.7	.00	3.58	.00			
9	1040.4	615.3	3140.1	.67	3.58	.00	30.20	1034.4	.00364
BANK FULL	1041.5	720.4	3859.3	2.18	3.72	.00			
10	1042.3	831.8	4415.9	3.34	3.79	.00	42.47	1035.7	.00381
11	1044.4	1145.6	6209.5	4.34	3.92	.00	59.72	1037.3	.00372
12	1046.6	1516.6	8729.9	5.34	4.06	.00	83.96	1039.3	.00380
13	1049.1	2006.0	12275.5	6.34	4.21	.00	118.06	1042.6	.00377
14	1052.0	2619.3	17260.2	6.49	4.40	.00	166.00	1044.4	.00360
15	1053.6	2962.2	20795.4	6.62	4.49	.00	200.00	1045.5	.00370

SEGMENT TABLE FOR SECTION 38

CSM		TOTAL	SEG NO 1 D	SEG NO 2 C
1	DISCHARGE CFS	206.	0.	206.
3.	VELOCITY FPS	2.16	.00	2.16
2	DISCHARGE CFS	289.	0.	289.
4.	VELOCITY FPS	2.29	.00	2.29
3	DISCHARGE CFS	407.	0.	407.
6.	VELOCITY FPS	2.61	.00	2.61
4	DISCHARGE CFS	572.	0.	572.
9.	VELOCITY FPS	3.01	.00	3.00
5	DISCHARGE CFS	804.	0.	804.
12.	VELOCITY FPS	3.27	.00	3.27
6	DISCHARGE CFS	1130.	0.	1130.
18.	VELOCITY FPS	3.68	.00	3.68
7	DISCHARGE CFS	1589.	0.	1589.
25.	VELOCITY FPS	4.06	.00	4.06
8	DISCHARGE CFS	2233.	0.	2233.
35.	VELOCITY FPS	4.54	.00	4.54
9	DISCHARGE CFS	3140.	4.	3136.
49.	VELOCITY FPS	5.15	.62	5.15
10	DISCHARGE CFS	4416.	122.	4294.
68.	VELOCITY FPS	5.70	1.40	5.77
11	DISCHARGE CFS	6210.	580.	5629.
96.	VELOCITY FPS	6.03	2.34	6.27
12	DISCHARGE CFS	8730.	1403.	7327.
135.	VELOCITY FPS	6.47	3.07	6.91
13	DISCHARGE CFS	12276.	2844.	9431.
190.	VELOCITY FPS	6.83	3.80	7.50
14	DISCHARGE CFS	17260.	5327.	11933.
268.	VELOCITY FPS	7.14	4.75	7.97
15	DISCHARGE CFS	20795.	7056.	13739.
322.	VELOCITY FPS	7.51	5.31	8.42
1	ELEV 1031.0 KD	3430.	1.	3429.
2	ELEV 1031.8 KD	5255.	1.	5254.
3	ELEV 1032.4 KD	7245.	1.	7244.
4	ELEV 1033.2 KD	9761.	1.	9760.
5	ELEV 1034.3 KD	14223.	1.	14222.
6	ELEV 1035.5 KD	19697.	1.	19696.
7	ELEV 1037.0 KD	27877.	1.	27876.
8	ELEV 1038.6 KD	38542.	1.	38541.
9	ELEV 1040.4 KD	51966.	6.	51959.
10	ELEV 1042.3 KD	71447.	1843.	69604.
11	ELEV 1044.4 KD	101639.	9191.	92447.
12	ELEV 1046.6 KD	141433.	22417.	119016.
13	ELEV 1049.1 KD	199795.	46170.	153625.
14	ELEV 1052.0 KD	287765.	88775.	198990.
15	ELEV 1053.6 KD	342069.	116046.	226023.

KD TABLE FOR CROSS SECTION 38

ELEVATION	AREA	KD	KD BY SEGMENT	
1028.00	0.			
1029.	17.	225.	1.	224.
1030.	54.	1395.	1.	1394.
1031.	94.	3347.	1.	3346.
1032.	137.	5955.	1.	5954.
1033.	183.	9188.	1.	9187.
1034.	232.	13022.	1.	13021.
1035.	283.	17453.	1.	17452.
1036.	337.	22480.	1.	22479.
1037.	394.	28108.	1.	28107.
1038.	453.	34346.	1.	34345.
1039.	516.	41204.	1.	41203.
1040.	581.	48693.	1.	48692.
1041.	664.	56773.	78.	56828.
1042.	786.	67549.	932.	66175.
1043.	927.	80287.	3491.	76480.
1044.	1078.	95008.	7266.	87537.
1045.	1239.	111561.	12213.	99229.
1046.	1411.	129974.	18294.	111539.
1047.	1594.	150269.	25589.	124460.
1048.	1785.	172619.	34437.	138013.
1049.	1985.	197201.	45012.	152189.
1050.	2192.	224974.	57825.	166943.
1051.	2401.	254689.	72152.	182319.
1052.	2611.	286468.	88146.	198321.
1053.	2824.	319579.	104487.	214929.
1054.	3041.	354002.	121605.	232342.
1055.	3262.	389021.	138321.	250666.
1056.	3487.	425819.	156112.	268911.
1057.	3713.	464564.	175311.	287571.
1058.	3939.	505339.	196099.	306826.
1059.	4165.	548180.	218547.	326676.

RATING TABLE FOR SECTION 8 DA= 64.3

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	1031.8	0.0	0.0						
1	1035.6	120.5	205.4	.00	2.79	.00	1.90	1033.5	.00152
2	1036.3	151.1	288.5	.00	2.84	.00	2.78	1033.8	.00148
3	1036.9	180.4	405.7	.00	2.88	.00	3.91	1034.1	.00169
4	1037.9	223.2	572.7	.00	2.94	.00	5.50	1034.5	.00174
5	1039.2	283.0	802.1	.60	3.03	.00	7.73	1035.0	.00167
6	1040.6	350.5	1127.9	.00	3.12	.00	10.87	1035.5	.00175
ZERO DAMG	1041.8	411.2	1465.0	.00	3.20	.00			
7	1042.2	463.5	1585.4	5.56	3.23	.00	15.28	1036.3	.00183
BANK FULL	1043.0	648.8	1935.9	38.43	3.28	.00			
8	1043.6	1026.4	2228.8	65.89	3.31	.00	21.48	1037.1	.00182
9	1044.5	2005.4	3133.5	78.58	3.33	.00	30.20	1038.3	.00143
10	1045.5	3366.5	4406.7	80.76	3.34	.00	42.47	1039.6	.00091
11	1046.7	5003.4	6196.5	81.96	3.34	.00	59.72	1041.3	.00061
12	1048.3	7178.8	8711.7	82.90	3.34	.00	83.96	1044.0	.00040
13	1050.5	10226.2	12249.9	83.73	3.34	.00	118.06	1044.3	.00026
14	1053.3	14087.2	17224.1	84.55	3.34	.00	166.00	1044.7	.00019
15	1055.0	16367.4	20751.9	84.92	3.34	.00	200.00	1044.9	.00017

SEGMENT TABLE FOR SECTION 3

CSM			TOTAL	SEG NO 1 D	2 C	3 D
1		DISCHARGE CFS	205.	0.	205.	0.
	3.	VELOCITY FPS	1.71	.00	1.70	.00
2		DISCHARGE CFS	288.	0.	288.	0.
	4.	VELOCITY FPS	1.91	.00	1.91	.00
3		DISCHARGE CFS	406.	0.	406.	0.
	6.	VELOCITY FPS	2.25	.00	2.25	.00
4		DISCHARGE CFS	571.	0.	571.	0.
	9.	VELOCITY FPS	2.56	.00	2.56	.00
5		DISCHARGE CFS	802.	0.	802.	0.
	12.	VELOCITY FPS	2.84	.00	2.83	.00
6		DISCHARGE CFS	1128.	0.	1128.	0.
	18.	VELOCITY FPS	3.22	.00	3.22	.00
7		DISCHARGE CFS	1585.	0.	1574.	12.
	25.	VELOCITY FPS	3.62	.00	3.63	.39
8		DISCHARGE CFS	2229.	7.	1966.	255.
	35.	VELOCITY FPS	3.68	.48	3.90	.50
9		DISCHARGE CFS	3134.	40.	1894.	1200.
	49.	VELOCITY FPS	2.99	.76	3.46	.85
10		DISCHARGE CFS	4407.	93.	1786.	2528.
	69.	VELOCITY FPS	2.14	.83	2.97	.95
11		DISCHARGE CFS	6197.	173.	1745.	4278.
	98.	VELOCITY FPS	1.69	.90	2.62	1.03
12		DISCHARGE CFS	8712.	292.	1754.	6666.
	136.	VELOCITY FPS	1.44	.94	2.34	1.09
13		DISCHARGE CFS	12250.	475.	1803.	9972.
	191.	VELOCITY FPS	1.32	.97	2.09	1.12
14		DISCHARGE CFS	17224.	746.	1971.	14507.
	268.	VELOCITY FPS	1.29	1.02	1.93	1.18
15		DISCHARGE CFS	20752.	941.	2133.	17679.
	323.	VELOCITY FPS	1.32	1.07	1.95	1.23
1	ELEV	1035.6 KD	5267.	1.	5265.	1.
2	ELEV	1036.3 KD	7507.	1.	7505.	1.
3	ELEV	1036.9 KD	9876.	1.	9874.	1.
4	ELEV	1037.9 KD	13695.	1.	13693.	1.
5	ELEV	1039.2 KD	19618.	1.	19616.	1.
6	ELEV	1040.6 KD	26962.	1.	26960.	1.
7	ELEV	1042.2 KD	36816.	1.	36797.	18.
8	ELEV	1043.6 KD	51040.	88.	46165.	4787.
9	ELEV	1044.5 KD	76045.	717.	52610.	22718.
10	ELEV	1045.5 KD	143510.	2825.	61256.	79430.
11	ELEV	1046.7 KD	250587.	6842.	72396.	171349.
12	ELEV	1048.3 KD	433590.	14429.	88132.	331029.
13	ELEV	1050.5 KD	755055.	29155.	111935.	613966.
14	ELEV	1053.3 KD	1282738.	54594.	144272.	1063172.
15	ELEV	1055.0 KD	1608635.	72768.	165894.	1369973.

KD TABLE FOR CROSS SECTION 3

ELEVATION	AREA	KD	KD BY SEGMENT		
1031.60	0.				
1032.	1.	9.	1.	7.	1.
1033.	21.	421.	1.	419.	1.
1034.	55.	1553.	1.	1551.	1.
1035.	96.	3673.	1.	3673.	1.
1036.	139.	6634.	1.	6632.	1.
1037.	184.	10173.	1.	10171.	1.
1038.	229.	14272.	1.	14270.	1.
1039.	276.	18869.	1.	18867.	1.
1040.	323.	23914.	1.	23912.	1.
1041.	372.	29404.	1.	29402.	1.
1042.	435.	35425.	1.	35311.	4.
1043.	649.	43474.	3.	41699.	1024.
1044.	1386.	61936.	300.	48893.	10059.
1045.	2687.	112445.	1802.	56850.	53793.
1046.	4022.	185705.	4292.	65663.	114167.
1047.	5372.	279512.	7955.	74985.	195428.
1048.	6731.	392569.	12652.	84802.	294396.
1049.	8099.	522885.	18323.	95095.	408987.
1050.	9471.	671480.	25155.	105872.	540453.
1051.	10851.	830681.	32638.	117072.	680423.
1052.	12235.	1006511.	41573.	128735.	835923.
1053.	13623.	1197672.	51270.	140846.	1005456.
1054.	15016.	1400821.	61721.	153380.	1185611.
1055.	16413.	1616201.	73144.	166327.	1376498.
1056.	17813.	1843810.	85453.	179683.	1578446.
1057.	19213.	2083211.	96927.	193304.	1771694.
1058.	20613.	2298636.	109405.	207366.	1979676.
1059.	22013.	2550582.	122929.	221867.	2202896.

*****SECT.39 KD VALUES REVERSED ON SEGMENT 3 AT ELEVATION 1046.90 VALUE CHANGED TO EQUAL PREVIOUS VALUE*****

RATING TABLE FOR SECTION 39 DA= 64.2

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	1037.9	0.0	0.0						
1	1040.4	106.7	205.3	.00	2.22	.00	1.98	1039.1	.00297
2	1040.9	133.5	288.2	.00	2.25	.00	2.78	1039.3	.00285
3	1041.7	175.0	405.4	.00	2.30	.00	3.91	1039.6	.00240
4	1042.3	212.1	570.3	.00	2.35	.00	5.50	1039.9	.00260
BANK FULL	1042.6	228.7	632.8	.00	2.36	.00			
ZERO DAMG	1042.6	228.7	632.8	.00	2.36	.00			
5	1043.4	275.7	801.5	.15	2.39	.00	7.73	1040.3	.00226
6	1044.5	346.2	1127.0	.77	2.42	.00	10.87	1040.8	.00228
7	1045.9	576.2	1584.5	10.69	2.45	.00	15.28	1041.4	.00192
8	1046.9	993.3	2227.1	23.99	2.48	.00	21.48	1042.2	.00187
9	1047.7	1510.1	3131.3	25.37	2.48	.00	30.20	1043.2	.00168
10	1048.4	1999.3	4403.5	26.00	2.48	.00	42.47	1045.9	.00171
11	1049.3	2664.6	6192.0	26.55	2.48	.00	59.72	1046.6	.00156
12	1050.7	3613.0	8705.3	27.31	2.48	.00	83.96	1047.1	.00129
13	1052.3	4837.1	12241.0	28.26	2.48	.00	118.06	1047.6	.00106
14	1054.7	6624.9	17211.6	29.60	2.48	.00	166.00	1048.1	.00081
15	1056.2	7797.2	20736.8	30.45	2.48	.00	200.00	1048.5	.00072

SEGMENT TABLE FOR SECTION 39

CSM		TOTAL	SEG NO 1 D	2 C	3 D
1	DISCHARGE CFS	205.	0.	205.	0.
3.	VELOCITY FPS	1.93	.00	1.92	.00
2	DISCHARGE CFS	288.	0.	288.	0.
4.	VELOCITY FPS	2.16	.00	2.16	.00
3	DISCHARGE CFS	405.	0.	405.	0.
6.	VELOCITY FPS	2.32	.00	2.32	.00
4	DISCHARGE CFS	570.	0.	570.	0.
9.	VELOCITY FPS	2.69	.00	2.69	.00
5	DISCHARGE CFS	801.	0.	800.	1.
12.	VELOCITY FPS	2.92	.00	2.92	.59
6	DISCHARGE CFS	1127.	0.	1118.	8.
18.	VELOCITY FPS	3.31	.26	3.32	.99
7	DISCHARGE CFS	1584.	79.	1472.	33.
25.	VELOCITY FPS	3.37	.62	3.48	1.24
8	DISCHARGE CFS	2227.	421.	1773.	33.
35.	VELOCITY FPS	3.33	.92	3.70	.61
9	DISCHARGE CFS	3131.	1054.	1927.	151.
49.	VELOCITY FPS	3.05	1.26	[illegible]	1.04
10	DISCHARGE CFS	4403.	1873.	2214.	317.
69.	VELOCITY FPS	3.04	1.56	3.89	1.38
11	DISCHARGE CFS	6192.	3108.	2498.	586.
96.	VELOCITY FPS	2.94	1.84	3.93	1.67
12	DISCHARGE CFS	8705.	4927.	2776.	1002.
136.	VELOCITY FPS	2.82	2.06	3.93	1.93
13	DISCHARGE CFS	12241.	7480.	3169.	1591.
191.	VELOCITY FPS	2.79	2.27	3.93	2.17
14	DISCHARGE CFS	17212.	11143.	3623.	2446.
268.	VELOCITY FPS	2.76	2.41	3.82	2.34
15	DISCHARGE CFS	20737.	13732.	3960.	3045.
323.	VELOCITY FPS	2.79	2.49	3.82	2.44
1	ELEV 1040.4 KD	3766.	1.	3764.	1.
2	ELEV 1040.9 KD	5399.	1.	5397.	1.
3	ELEV 1041.7 KD	8275.	1.	8273.	1.
4	ELEV 1042.3 KD	11183.	1.	11181.	1.
5	ELEV 1043.4 KD	16845.	1.	16827.	17.
6	ELEV 1044.5 KD	23574.	2.	23410.	162.
7	ELEV 1045.9 KD	36034.	1650.	33627.	758.
8	ELEV 1046.9 KD	51377.	9591.	41027.	759.
9	ELEV 1047.7 KD	74777.	23939.	47781.	3057.
10	ELEV 1048.4 KD	105455.	43842.	54434.	7172.
11	ELEV 1049.3 KD	156069.	77678.	63892.	14499.
12	ELEV 1050.7 KD	241998.	136354.	78054.	27588.
13	ELEV 1052.3 KD	376151.	229823.	97443.	48885.
14	ELEV 1054.7 KD	605603.	392063.	122493.	86048.
15	ELEV 1056.2 KD	775388.	513387.	148156.	113843.

KD TABLE FOR CROSS SECTION 39

ELEVATION	AREA	KD	KD BY SEGMENT		
1037.90	0.				
1038.	1.	5.	1.	4.	1.
1039.	33.	558.	1.	556.	1.
1040.	85.	2626.	1.	2624.	1.
1041.	139.	5755.	1.	5753.	1.
1042.	195.	9775.	1.	9773.	1.
1043.	252.	14676.	1.	14665.	5.
1044.	315.	20544.	1.	20457.	70.
1045.	386.	27321.	15.	26973.	320.
1046.	608.	37164.	1896.	34160.	758.
1047.	1069.	54607.	11185.	42029.	919.
1048.	1745.	90268.	33829.	50963.	5162.
1049.	2436.	138880.	66068.	60824.	11999.
1050.	3142.	198483.	106475.	70944.	20921.
1051.	3860.	268250.	154457.	81903.	31716.
1052.	4594.	347266.	209343.	93479.	44179.
1053.	5341.	435769.	271491.	105662.	58382.
1054.	6101.	533383.	340562.	118439.	74213.
1055.	6875.	639710.	416234.	131792.	91567.
1056.	7661.	754781.	498572.	145713.	110447.
1057.	8465.	877297.	586454.	160174.	130536.
1058.	9279.	1009942.	682533.	175189.	152108.
1059.	10104.	1153121.	787291.	190741.	175059.
1060.	10937.	1306963.	900909.	206808.	199166.
1061.	11776.	1468806.	1020689.	223390.	224411.
1062.	12618.	1639949.	1147829.	240493.	251605.
1063.	13467.	1817270.	1279436.	258082.	279668.
1064.	14320.	2003020.	1417615.	276171.	309167.
1065.	15177.	2196810.	1561992.	294792.	340047.
1066.	16042.	2396790.	1710883.	313802.	372040.
1067.	16910.	2605086.	1866235.	333335.	405477.
1068.	17785.	2820052.	2026542.	353332.	440119.
1069.	18664.	3042956.	2191002.	373796.	476109.
1070.	19547.	3273584.	2365422.	394720.	513408.
1071.	20435.	3513458.	2545382.	416092.	551927.
1072.	21324.	3762830.	2733022.	437923.	591870.
1073.	22217.	4017312.	2924144.	460185.	632931.
1074.	23110.	4280100.	3121736.	482898.	675459.
1075.	24007.	4547672.	3322489.	506034.	719098.
1076.	24905.	4823992.	3529854.	529615.	764513.
1077.	25805.	5107504.	3740150.	553611.	813688.
1078.	26705.	5398720.	3956267.	578040.	864382.
1079.	27605.	5687812.	4170480.	602838.	914217.
1080.	28505.	5984875.	4390724.	628066.	965622.
1081.	29405.	6289942.	4617024.	653721.	1018610.

RATING TABLE FOR SECTION 40 DA= 83.8

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	1038.7	0.0	0.0						
1	1041.8	128.3	204.6	.00	1.18	.00	1.98	1040.0	.00155
2	1042.4	161.4	287.2	.00	1.23	.00	2.78	1040.3	.00150
3	1043.1	198.8	404.0	.00	1.27	.00	3.91	1040.5	.00157
4	1044.0	249.2	568.2	.00	1.33	.00	5.50	1040.9	.00157
BANK FULL	1044.8	298.8	757.3	.00	1.38	.00			
ZERO DAMG	1044.8	298.8	757.3	.00	1.38	.00			
5	1045.0	309.8	798.6	.08	1.39	.00	7.73	1041.3	.00161
6	1046.1	433.3	1123.0	3.06	1.42	.00	10.87	1041.8	.00162
7	1047.3	868.6	1578.6	9.89	1.45	.00	15.28	1042.4	.00124
8	1048.1	1335.3	2219.2	12.83	1.46	.00	21.48	1043.2	.00113
9	1048.8	1770.7	3120.1	13.54	1.46	.00	30.20	1044.2	.00115
10	1049.5	2270.7	4387.8	13.69	1.46	.00	42.47	1046.7	.00119
11	1050.5	2909.8	6169.9	13.88	1.46	.00	59.72	1047.2	.00117
12	1051.7	3763.8	8674.3	14.13	1.46	.00	83.96	1047.8	.00107
13	1053.3	4865.5	12197.3	14.44	1.46	.00	118.06	1048.3	.00097
14	1055.5	6430.8	17150.2	14.83	1.46	.00	166.00	1048.9	.00081
15	1056.9	7462.9	20662.9	15.06	1.46	.00	200.00	1049.2	.00073

SEGMENT TABLE FOR SECTION 40

CSM		TOTAL	SEG NO 1 D	2 C	3 D
1	DISCHARGE CFS	205.	0.	205.	0.
3.	VELOCITY FPS	1.60	.00	1.59	.00
2	DISCHARGE CFS	287.	0.	287.	0.
5.	VELOCITY FPS	1.78	.00	1.78	.00
3	DISCHARGE CFS	404.	0.	404.	0.
6.	VELOCITY FPS	2.03	.00	2.03	.00
4	DISCHARGE CFS	568.	0.	568.	0.
9.	VELOCITY FPS	2.28	.00	2.28	.00
5	DISCHARGE CFS	799.	0.	798.	0.
13.	VELOCITY FPS	2.58	.00	2.58	.25
6	DISCHARGE CFS	1123.	22.	1092.	8.
18.	VELOCITY FPS	2.87	.51	2.90	.68
7	DISCHARGE CFS	1579.	271.	1278.	30.
26.	VELOCITY FPS	2.89	.74	2.80	.62
8	DISCHARGE CFS	2219.	687.	1440.	92.
35.	VELOCITY FPS	2.43	.97	2.82	.79
9	DISCHARGE CFS	3120.	1227.	1697.	196.
49.	VELOCITY FPS	2.42	1.21	3.07	.98
10	DISCHARGE CFS	4388.	2028.	1979.	381.
69.	VELOCITY FPS	2.49	1.48	3.29	1.26
11	DISCHARGE CFS	6170.	3194.	2306.	669.
97.	VELOCITY FPS	2.65	1.76	3.48	1.54
12	DISCHARGE CFS	8674.	4880.	2687.	1107.
136.	VELOCITY FPS	2.62	2.02	3.62	1.82
13	DISCHARGE CFS	12197.	7274.	3172.	1751.
191.	VELOCITY FPS	2.73	2.29	3.75	2.09
14	DISCHARGE CFS	17150.	10677.	3756.	2717.
269.	VELOCITY FPS	2.81	2.50	3.80	2.32
15	DISCHARGE CFS	20663.	13090.	4163.	3411.
324.	VELOCITY FPS	2.87	2.62	3.86	2.45
1	ELEV 1041.8 KD	5192.	1.	5190.	1.
2	ELEV 1042.4 KD	7405.	1.	7403.	1.
3	ELEV 1043.1 KD	10193.	1.	10191.	1.
4	ELEV 1044.0 KD	14327.	1.	14325.	1.
5	ELEV 1045.0 KD	19908.	1.	19903.	3.
6	ELEV 1046.1 KD	27607.	227.	27214.	167.
7	ELEV 1047.3 KD	43642.	6143.	36685.	815.
8	ELEV 1048.1 KD	64565.	18482.	43934.	2149.
9	ELEV 1048.8 KD	91627.	35746.	50280.	5601.
10	ELEV 1049.5 KD	126705.	58114.	57841.	10751.
11	ELEV 1050.5 KD	180332.	92984.	66001.	19347.
12	ELEV 1051.7 KD	264495.	148524.	82375.	33595.
13	ELEV 1053.3 KD	391598.	233361.	102133.	56104.
14	ELEV 1055.5 KD	604220.	376164.	132357.	95699.
15	ELEV 1056.9 KD	762164.	482817.	153544.	125804.

KD TABLE FOR CROSS SECTION 40

ELEVATION	AREA	KD	KD BY SEGMENT		
1038.70	0.				
1039.	2.	16.	1.	13.	1.
1040.	37.	709.	1.	707.	1.
1041.	86.	2750.	1.	2748.	1.
1042.	137.	5788.	1.	5786.	1.
1043.	192.	9671.	1.	9669.	1.
1044.	250.	14396.	1.	14394.	1.
1045.	311.	20044.	1.	20039.	3.
1046.	418.	27287.	179.	26769.	149.
1047.	732.	39581.	3785.	34296.	659.
1048.	1250.	61795.	16066.	42742.	1750.
1049.	1913.	101032.	41191.	52378.	6775.
1050.	2586.	152422.	74489.	62701.	14747.
1051.	3263.	214135.	114970.	73919.	24924.
1052.	3959.	286074.	162841.	85787.	37362.
1053.	4659.	366610.	216589.	98339.	51584.
1054.	5368.	455699.	276178.	111560.	67796.
1055.	6085.	553554.	341906.	125446.	86047.
1056.	6810.	659960.	413329.	139976.	106112.
1057.	7540.	774219.	490941.	155153.	128095.
1058.	8280.	895498.	573072.	170925.	151417.
1059.	9027.	1024478.	660670.	187307.	176406.
1060.	9780.	1161572.	754112.	204294.	203114.
1061.	10540.	1306503.	853261.	221866.	231355.
1062.	11307.	1460235.	959297.	239992.	260853.
1063.	12076.	1622669.	1071780.	258706.	292139.
1064.	12849.	1791594.	1188783.	277969.	324792.
1065.	13626.	1967118.	1310422.	297777.	358855.
1066.	14405.	2150328.	1437596.	318145.	394574.
1067.	15189.	2338996.	1568457.	339026.	431469.
1068.	15976.	2534684.	1704304.	360443.	469894.
1069.	16766.	2737094.	1844888.	382387.	509788.
1070.	17560.	2946232.	1990366.	404837.	550986.
1071.	18356.	3163086.	2141486.	427815.	593776.
1072.	19155.	3386081.	2296342.	451274.	638417.
1073.	19955.	3616162.	2456130.	475245.	684753.
1074.	20755.	3844642.	2613584.	499592.	731150.
1075.	21555.	4080571.	2776310.	524453.	779264.
1076.	22355.	4323968.	2944322.	549825.	829105.

RATING TABLE FOR SECTION 41 DA= 82.8

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	1040.2	0.0	0.0						
1	1043.1	151.0	202.7	.00	2.56	.00	1.98	1041.4	.00073
2	1043.6	184.8	284.6	.00	2.63	.00	2.78	1041.6	.00076
3	1044.3	236.6	400.3	.00	2.73	.00	3.91	1041.8	.00070
4	1045.1	295.3	563.1	.00	2.84	.00	5.50	1042.1	.00070
5	1046.1	372.1	791.4	.00	2.98	.00	7.73	1042.4	.00069
6	1047.2	463.1	1112.9	.00	3.14	.00	10.87	1042.9	.00071
BANK FULL	1047.3	469.4	1141.0	.00	3.15	.00			
ZERO DAMG	1047.3	469.4	1141.0	.00	3.15	.00			
7	1048.5	573.4	1564.4	.40	3.22	.00	15.28	1043.4	.00074
8	1049.5	682.1	2199.1	1.21	3.22	.00	21.48	1044.1	.00089
9	1050.4	805.1	3091.9	1.84	3.22	.00	30.20	1044.9	.00115
10	1051.6	961.0	4348.1	2.25	3.22	.00	42.47	1045.9	.00145
11	1052.9	1157.6	6114.2	2.66	3.22	.00	59.72	1047.2	.00178
12	1054.4	1409.2	8595.9	3.14	3.22	.00	83.96	1049.0	.00210
13	1056.3	1747.9	12087.0	4.23	3.22	.00	118.06	1050.8	.00243
14	1058.6	2249.1	16995.1	5.97	3.22	.00	166.00	1052.6	.00265
15	1060.0	2611.5	20476.1	7.04	3.22	.00	200.00	1053.7	.00273

SEGMENT TABLE FOR SECTION 41

CSM		TOTAL	SEG NO 1 D	2 C	3 D
1	DISCHARGE CFS	203.	0.	203.	0.
3.	VELOCITY FPS	1.35	.00	1.34	.00
2	DISCHARGE CFS	285.	0.	285.	0.
5.	VELOCITY FPS	1.54	.00	1.54	.00
3	DISCHARGE CFS	400.	0.	400.	0.
6.	VELOCITY FPS	1.69	.00	1.69	.00
4	DISCHARGE CFS	563.	0.	563.	0.
9.	VELOCITY FPS	1.91	.00	1.91	.00
5	DISCHARGE CFS	791.	0.	791.	0.
13.	VELOCITY FPS	2.13	.00	2.13	.00
6	DISCHARGE CFS	1113.	0.	1113.	0.
18.	VELOCITY FPS	2.41	.00	2.40	.00
7	DISCHARGE CFS	1564.	2.	1561.	1.
25.	VELOCITY FPS	2.76	.46	2.75	.45
8	DISCHARGE CFS	2199.	15.	2179.	5.
35.	VELOCITY FPS	3.33	.69	3.34	.68
9	DISCHARGE CFS	3092.	56.	3020.	15.
49.	VELOCITY FPS	4.06	1.06	4.10	.97
10	DISCHARGE CFS	4348.	162.	4148.	38.
69.	VELOCITY FPS	4.90	1.61	4.99	1.32
11	DISCHARGE CFS	6114.	372.	5656.	86.
97.	VELOCITY FPS	5.82	2.25	6.00	1.74
12	DISCHARGE CFS	8596.	744.	7673.	179.
137.	VELOCITY FPS	6.81	2.94	7.14	2.21
13	DISCHARGE CFS	12087.	1398.	10374.	315.
192.	VELOCITY FPS	7.91	3.73	8.40	2.28
14	DISCHARGE CFS	16995.	2474.	13833.	688.
271.	VELOCITY FPS	8.93	4.52	9.68	2.53
15	DISCHARGE CFS	20476.	3301.	16067.	1107.
326.	VELOCITY FPS	9.44	4.94	10.38	2.80
1	ELEV 1043.1 KD	7518.	1.	7516.	1.
2	ELEV 1043.6 KD	10310.	1.	10308.	1.
3	ELEV 1044.3 KD	15144.	1.	15142.	1.
4	ELEV 1045.1 KD	21259.	1.	21257.	1.
5	ELEV 1046.1 KD	30136.	1.	30134.	1.
6	ELEV 1047.2 KD	41805.	1.	41802.	2.
7	ELEV 1048.5 KD	57611.	14.	57571.	26.
8	ELEV 1049.5 KD	73420.	384.	72881.	155.
9	ELEV 1050.4 KD	90990.	1494.	89065.	430.
10	ELEV 1051.6 KD	114014.	4065.	108978.	971.
11	ELEV 1052.9 KD	144917.	8565.	134367.	1985.
12	ELEV 1054.4 KD	187393.	16113.	167419.	3862.
13	ELEV 1056.3 KD	245173.	28164.	210675.	6334.
14	ELEV 1058.6 KD	330007.	47933.	268853.	13221.
15	ELEV 1060.0 KD	391545.	63033.	307528.	20984.

KD TABLE FOR CROSS SECTION 41

ELEVATION	AREA	KD	KD BY SEGMENT		
1040.20	0.				
1041.	19.	314.	1.	312.	1.
1042.	80.	2732.	1.	2729.	1.
1043.	146.	7100.	1.	7098.	1.
1044.	215.	13050.	1.	13048.	1.
1045.	288.	20447.	1.	20445.	1.
1046.	364.	29213.	1.	29211.	1.
1047.	445.	39352.	1.	39349.	1.
1048.	530.	51345.	3.	51330.	9.
1049.	629.	65908.	119.	65621.	78.
1050.	747.	82733.	858.	81487.	282.
1051.	881.	102097.	2607.	98694.	664.
1052.	1024.	123981.	5416.	117195.	1263.
1053.	1177.	148298.	9092.	136926.	2110.
1054.	1337.	175039.	13742.	157885.	3254.
1055.	1507.	204026.	19360.	180028.	4537.
1056.	1687.	235169.	25976.	203322.	5805.
1057.	1886.	269036.	33627.	227740.	7668.
1058.	2110.	306458.	42222.	253206.	10834.
1059.	2352.	347222.	52005.	279771.	15166.
1060.	2610.	391491.	63983.	307404.	20956.
1061.	2891.	439578.	75078.	336051.	28286.
1062.	3194.	491657.	88370.	365698.	37255.
1063.	3514.	547753.	102978.	396355.	48091.
1064.	3853.	608067.	118925.	427997.	60935.
1065.	4217.	672977.	136175.	460580.	75760.
1066.	4593.	742258.	154919.	494146.	93000.
1067.	4996.	816464.	175039.	528623.	112447.
1068.	5417.	895530.	196663.	564029.	134414.
1069.	5851.	979460.	219887.	600375.	159196.
1070.	6315.	1073838.	246506.	637570.	189000.
1071.	6781.	1173505.	274853.	675665.	221974.
1072.	7251.	1277768.	303428.	714443.	254175.
1073.	7721.	1387637.	333950.	754143.	289830.
1074.	8191.	1503220.	366484.	794757.	329186.

TABLE OF VALUES FOR BPR EQUATION

COEFK	AKB	DGTAK	SIGMA	DKE	DKS	M	ALPHA	ALPHA2	BRIDA	APPAR	AEXIT
.1015	.0000	.1041	1.0002	.0000	-.0026	.9999	1.0000	1.0000	173.8886	206.5541	216.3493
DCRIT	1040.60	KBCRIT=									
.0981	.0000	.1006	1.0002	.0000	-.0026	.9999	1.0000	1.0000	207.4998	234.4693	252.3521
DCRIT	1040.84	KBCRIT=									
.0925	.0000	.0951	1.0002	.0000	-.0026	.9999	1.0000	1.0000	260.8579	276.0273	307.2395
DCRIT	1041.12	KBCRIT=									
.0864	.0000	.0890	1.0002	.0000	-.0026	.9999	1.0000	1.0000	324.3445	321.8936	369.2314
DCRIT	1041.47	KBCRIT=									
.0769	.0000	.0794	1.0002	.0000	-.0026	.9999	1.0000	1.0000	429.5842	379.9756	449.9685
DCRIT	1041.90	KBCRIT=									
.0781	.0000	.0807	1.0002	.0000	-.0026	.9999	1.0000	1.0000	580.0935	449.7820	546.8271
DCRIT	1042.41	KBCRIT=									
.1281	.0491	.0810	.9946	.0000	-.0020	.9592	1.5564	1.5337	745.0786	700.7180	678.1421
DCRIT	1043.02	KBCRIT=									
.2390	.1618	.0798	.9755	.0000	-.0026	.8590	2.1302	2.0047	883.1560	1093.7507	808.5217
DCRIT	1043.76	KBCRIT=									
.4244	.3541	.0767	.9338	.0000	-.0065	.7971	2.3164	2.0493	1018.9944	1598.2380	951.0554
DCRIT	1044.63	KBCRIT=									
.6456	.5869	.0723	.8770	.0000	-.0135	.7083	2.2508	1.8860	1173.7554	2259.6965	1124.5752
DCRIT	1046.03	KBCRIT=									
.8940	.8504	.0669	.8093	.0000	-.0233	.6234	2.0073	1.6279	1355.8462	3099.0291	1342.4302
DCRIT	1046.92	KBCRIT=									
1.1144	1.0856	.0620	.7477	.0000	-.0332	.5564	1.7748	1.4311	1571.9534	4142.9531	1621.9373
DCRIT	1047.94	KBCRIT=									
1.2293	1.2086	.0594	.7152	.0000	-.0386	.5238	1.6602	1.3458	1930.3594	4879.1016	2021.4692
DCRIT	1049.22	KBCRIT=									
.0000	.0000	.0000	.0000	.0000	.0000	.0000	1.6602	1.3458	1930.3594	4879.1016	2021.4692
DCRIT	-1.00	KBCRIT=									
.0000	.0000	.0000	.0000	.0000	.0000	.0000	1.6602	1.3458	1930.3594	4879.1016	2021.4692
DCRIT	-1.00	KBCRIT=									

ROAD SECTION NC89

NO.	HW	CFS	HL	TW	CSM
0	1039.30	0.00	0.00	0.00	0.00
1	1043.12	202.71	.00	1043.12	1.98
2	1043.62	284.62	.00	1043.62	2.78
3	1044.36	400.31	.00	1044.36	3.91
4	1045.16	563.09	.00	1045.16	5.50
5	1046.16	791.40	.00	1046.16	7.73
6	1047.30	1112.87	.00	1047.30	10.87
7	1048.54	1564.37	.00	1048.54	15.28
8	1049.63	2199.13	.06	1049.57	21.48
9	1050.82	3091.89	.22	1050.60	30.20
10	1052.24	4348.09	.48	1051.76	42.47
11	1053.95	6114.15	.82	1053.13	59.72
12	1056.04	8595.85	1.28	1054.76	83.96
13	1058.35	12087.02	1.64	1056.70	118.06
14	1062.05	16995.14	2.98	1059.07	166.00
15	1063.63	20476.07	3.10	1060.53	200.00

MIN ROAD ELEVATION 1061.10

BRIDGE TYPE 2 GIRDER BOTTOM ELEVATION = 1057.40 OPENING NO.= 1

RATING TABLE FOR SECTION 43 DA= 62.8

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	1040.6	0.0	0.0						
1	1043.2	140.8	202.7	.00	.18	.00	1.98	1041.4	.00072
2	1043.8	168.8	284.6	.00	.18	.00	2.78	1041.6	.00079
3	1044.5	209.3	400.3	.00	.18	.00	3.91	1041.8	.00079
4	1045.3	254.5	563.1	.00	.18	.00	5.50	1042.1	.00085
5	1046.3	311.7	791.4	.00	.18	.00	7.73	1042.5	.00089
6	1047.4	377.8	1112.9	.00	.19	.00	10.87	1043.0	.00093
BANK FULL	1048.4	435.0	1459.5	.00	.19	.00			
ZERO DAMG	1048.4	435.0	1459.5	.00	.19	.00			
7	1047.7	462.1	1564.4	.13	.19	.00	15.28	1043.6	.00112
8	1049.8	674.7	2199.1	.71	.19	.00	21.48	1044.4	.00134
9	1050.9	1089.3	3091.9	1.12	.19	.00	30.20	1045.3	.00137
10	1052.4	1696.7	4348.	1.25	.19	.00	42.47	1046.5	.00119
11	1054.1	2499.3	6114.2	1.39	.19	.00	59.72	1049.8	.00099
12	1056.1	3526.4	8595.9	1.41	.19	.00	83.96	1050.7	.00079
13	1058.4	4690.1	12087.0	1.45	.19	.00	118.06	1051.3	.00070
14	1062.1	6625.6	16995.1	1.58	.19	.00	166.00	1052.1	.00052
15	1063.7	7537.8	20476.1	1.72	.19	.00	200.00	1052.6	.00055

WARNING**********PROFILE NO 15 EXCEEDS SURVEY DATA BY .6 FT. COMPUTATION BASED ON VERTICAL EXTENSION OF END POINTS* ********

SEGMENT TABLE FOR SECTION 43

CSM		TOTAL	SEG NO 1 D	2 C	3 D
1	DISCHARGE CFS	203.	0.	203.	0.
3.	VELOCITY FPS	1.44	.00	1.44	.00
2	DISCHARGE CFS	285.	0.	285.	0.
5.	VELOCITY FPS	1.69	.00	1.69	.00
3	DISCHARGE CFS	400.	0.	400.	0.
6.	VELOCITY FPS	1.91	.00	1.91	.00
4	DISCHARGE CFS	563.	0.	563.	0.
9.	VELOCITY FPS	2.21	.00	2.21	.00
5	DISCHARGE CFS	791.	0.	791.	0.
13.	VELOCITY FPS	2.54	.00	2.54	.00
6	DISCHARGE CFS	1113.	0.	1113.	0.
18.	VELOCITY FPS	2.95	.00	2.95	.00
7	DISCHARGE CFS	1564.	1.	1560.	3.
25.	VELOCITY FPS	3.46	.37	3.46	.39
8	DISCHARGE CFS	2199.	26.	2106.	68.
35.	VELOCITY FPS	4.01	.53	4.08	.61
9	DISCHARGE CFS	3092.	140.	2623.	329.
49.	VELOCITY FPS	4.18	.79	4.48	1.01
10	DISCHARGE CFS	4348.	463.	3070.	815.
69.	VELOCITY FPS	3.93	1.09	4.58	1.36
11	DISCHARGE CFS	6114.	1053.	3536.	1525.
97.	VELOCITY FPS	3.64	1.33	4.30	1.63
12	DISCHARGE CFS	8596.	2047.	4067.	2482.
137.	VELOCITY FPS	3.37	1.61	4.53	1.83
13	DISCHARGE CFS	12087.	3443.	4852.	3793.
192.	VELOCITY FPS	3.35	1.90	4.69	2.06
14	DISCHARGE CFS	16995.	5381.	5806.	5808.
271.	VELOCITY FPS	3.20	1.97	4.62	2.20
15	DISCHARGE CFS	20476.	6558.	6697.	7221.
326.	VELOCITY FPS	3.39	2.05	4.98	2.41
1	ELEV 1043.2 KD	7573.	1.	7571.	1.
2	ELEV 1043.8 KD	10110.	1.	10108.	1.
3	ELEV 1044.5 KD	14211.	1.	14209.	1.
4	ELEV 1045.3 KD	19322.	1.	19320.	1.
5	ELEV 1046.3 KD	26464.	1.	26462.	1.
6	ELEV 1047.4 KD	35538.	1.	35534.	1.
7	ELEV 1048.7 KD	46630.	2.	46621.	7.
8	ELEV 1049.8 KD	59689.	561.	57758.	1370.
9	ELEV 1050.9 KD	82607.	3169.	71273.	8165.
10	ELEV 1052.4 KD	125433.	12956.	89312.	23165.
11	ELEV 1054.1 KD	194264.	32965.	113[illegible]7.	48262.
12	ELEV 1056.1 KD	306087.	72767.	14[illegible]3.	88331.
13	ELEV 1058.4 KD	457352.	129872.	184[illegible]1.	143369.
14	ELEV 1062.1 KD	743896.	235721.	254307.	253868.
15	ELEV 1063.7 KD	875380.	279672.	286952.	308756.

KD TABLE FOR CROSS SECTION 43

ELEVATION	AREA	KD	KD BY SEGMENT		
1040.60	0.				
1041.	21.	336.	1.	334.	1.
1042.	74.	2661.	1.	2659.	1.
1043.	127.	6459.	1.	6457.	1.
1044.	182.	11418.	1.	11416.	1.
1045.	238.	17375.	1.	17373.	1.
1046.	294.	24221.	1.	24219.	1.
1047.	352.	31879.	1.	31877.	1.
1048.	411.	40309.	1.	40306.	1.
1049.	515.	50203.	26.	49686.	23.
1050.	748.	63993.	800.	60236.	2059.
1051.	1112.	84963.	3409.	71954.	8599.
1052.	1538.	113929.	9910.	84580.	18778.
1053.	1993.	149548.	19250.	98006.	31674.
1054.	2472.	192040.	32136.	112218.	47363.
1055.	2964.	242459.	49810.	127189.	65460.
1056.	3462.	298347.	69764.	142892.	85437.
1057.	3964.	359912.	92599.	159321.	107709.
1058.	4470.	426804.	117973.	176458.	132071.
1059.	4979.	499229.	146101.	194294.	158728.
1060.	5493.	576083.	175994.	212807.	187187.
1061.	6015.	656689.	207106.	231984.	217440.
1062.	6556.	735383.	233663.	251822.	249795.
1063.	7122.	807032.	250581.	272310.	284140.
1064.	7719.	906646.	293063.	293422.	319874.
1065.	8317.	1012556.	339434.	315170.	357768.
1066.	8917.	1124128.	389022.	337535.	397457.
1067.	9521.	1240792.	440613.	360504.	439477.
1068.	10125.	1362120.	494402.	384069.	483396.
1069.	10730.	1482452.	545771.	408176.	527090.
1070.	11335.	1608697.	600421.	432884.	573018.
1071.	11940.	1740928.	658438.	458186.	621206.

----------80/80 LIST OF INPUT DATA----------

END.JOB

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**********NORMAL END OF JOB----------

80/80 LIST OF INPUT DATA

```
HSP2        20                                                          1
  TITLE     STEWARTS & PAULS CREEK                                      2
  TITLE     STEWARTS CREEK 02-28-83-SCS; 6-28-88-JET SET DISCHARGE      3
  DISCHARGE -1.0      1.00      3.700     5.4500    7.0500    1.865     5A
  STARTE    155       966.80    974.50    978.79    980.80    986.31
  OUTPUT    RSR                                                         5
  REACH     155       2891.0    0         0         0         0         10
  REACH     165       2891.0    1330      1330                          11
  REACH     145       2891.0    2000      2000                          12
  REACH     72        2000.0    1600      1600      600       600       13
  REACH     71        2000.0    720       720       820       920       14
  ROAD      RR        2.7       200       100                           15
  REACH     73        2000.0    180       80        80        180       16
  REACH     74        2000.     960       880       960       1040      17
  ROAD      RR2000    2.7       120       120                           18
  REACH     20        2000.0    100       80        80        100       19
  REACH     1         2000.0    1720      1600      1600      1720      20
  REACH     27        2000.0    2520      2400      2400      2520      21
  SECTION   155                                                         96
            -30       990                 981.7     35        970.4     97
            170       966.2     200       966.8     280       961.1     98
            291       965.2     440       961.7     540       990       99
  ENDTABLE                                                            99A
  SEGMENT   155       1         D         170                           100
  NVALUE    .10                                                         101
  SEGMENT   155       2         C         291                           102
  NVALUE    .05                                                         103
  SEGMENT   155       3         D         540                           104
  NVALUE    .10                                                         105
  SECTION   165                                                         106
            -30       990       0         982.2     15        974.1     107
            45        972.7     50        962.8     160       962.3     108
            170       971.2     210       972.3     250       982.2     109
            300       990                                               110
  ENDTABLE                                                            111
  SEGMENT   165       1         D         45                            112
  NVALUE    .10                                                         113
  SEGMENT   165       2         C         170                           114
  NVALUE    .05                                                         115
  SEGMENT   165       3         D         300                           116
  NVALUE    .10                                                         117
  SECTION   145                                                         118
            -10       990       0         987.1     85        975.6     119
            270       975.1     790       958.7     900       959.2     120
            915       972       940       987.1     950       990       121
```

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--------------------------------80/80 LIST OF INPUT DATA-------------------------------------------
ENDTABLE                                                                            122
SEGMENT     145        1          D          770                                    123
NVALUE      .10                                                                     124
SEGMENT     145        2          C          915                                    125
NVALUE      .05                                                                     126
SEGMENT     145        3          D          950                                    127
NVALUE      .10                                                                     128
SECTION     23                                                                      129
            2645       1000       2665       998        2685       977.2            130
            2720       977.9      2735       964        2765       964.1            131
            2800       979.3      2955       979.8      3000       988              132
            3065       1000                                                         133
ENDTABLE                                                                            134
SEGMENT     23         1          D          2720                                   135
NVALUE      .10                                                                     136
SEGMENT     23         2          C          2800                                   137
NVALUE      .065                                                                    138
SEGMENT     23         3          D          3065                                   139
NVALUE      .10                                                                     140
SECTION     71                                                                      141
            -30        1000       0          991.4      55         973              142
            65         965.1      110        963.8      125        979.6            143
            170        978.5      195        994        205        1000             144
ENDTABLE                                                                            145
SEGMENT     71         1          D          55                                     146
NVALUE      .10                                                                     147
SEGMENT     71         2          C          125                                    148
NVALUE      .065                                                                    149
SEGMENT     71         3          D          205                                    150
NVALUE      .10                                                                     151
SECTION     RR                                                                      152
            0          1020.8     1260       1000.4     1260       990.8            153
            1300       975.3      1387       974.3      1392       963.2            154
            1437       962.3      1442       965.5      1530       978.4            155
            1570       999.6      1570       1006.5     2300       1020.8           156
ENDTABLE                                                                            157
---------------MAX ELEV DIFFERENCE BETWEEN POINTS ON SECTION RR      EXCEEDS  20. FEET-----------
BPR         RR         6          3          5                                      158
PIER        975.3      7          962.3      2          978.4      4                159
GIRDER      1004.7     998.5      0          .6         2.7                         160
            1260       1000.4     1260       998.5      1570       1004.6           161
            1570       1006.5                                                       162
ENDTABLE                                                                            163
SECTION     73                                                                      164
            -12        1000       0          996.6      60         977.2            165
            278        980.4      284        965.7      340        964.8            166
```

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----------80/80 LIST OF INPUT DATA----------
          350       980.1     415       978.2     504       1000      167
ENDTABLE                                                              168
----------MAX ELEV DIFFERENCE BETWEEN POINTS ON SECTION 73 EXCEEDS 20. FEET----------
SEGMENT   73        1         D         278                           169
NVALUE    .10                                                         170
SEGMENT   73        2         C         350                           171
NVALUE    .065                                                        172
SEGMENT   73        3         D         504                           173
NVALUE    .10                                                         174
SECTION   24                                                          175
          0         999.3     25        987.8     50        982       176
          130       978.7     140       966.3     200       966.3     177
          210       979.1     345       980.9     440       990.5     178
          535       1000                                              179
ENDTABLE                                                              180
SEGMENT   24        1         D         130                           181
NVALUE    .10                                                         182
SEGMENT   24        2         C         210                           183
NVALUE    .065                                                        184
SEGMENT   24        3         D         530                           185
NVALUE    .10                                                         186
SECTION   SR2000                                                      187
          0         1006.3    280       997.3     435       999.4     188
          435       994.5     480       965.3     527       965.2     189
          539       977.7     570       978.1     615       991.8     190
          615       998.7     890       1008.3                        191
ENDTABLE                                                              192
----------MAX ELEV DIFFERENCE BETWEEN POINTS ON SECTION SR2000 EXCEEDS 20. FEET----------
BRR       SR2000    6         3         4                             193
PIER      985.3     4         979       2                             194
GIRDER    994.6     991.8     0         .6        2.7                 195
          435       999.4     435       994.5     615       991.8     196
          615       996.7                                             197
ENDTABLE                                                              198
SECTION   26                                                          199
          -10       1000      0         999.1     90        996.4     200
          115       990.9     175       991.2     190       984.7     201
          240       979.8     255       988.2     325       988.2     202
          335       978.5     365       979.2     385       988.6     203
          415       1000                                              204
ENDTABLE                                                              205
SEGMENT   26        1         D         240                           206
NVALUE    .10                                                         207
SEGMENT   26        2         C         335                           208
NVALUE    .065                                                        209
SEGMENT   26        3         D         415                           210
NVALUE    .10                                                         211
```

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-------------------------------80/80 LIST OF INPUT DATA-----------------------------------------
SECTION     1                                                                           212
            0          1000       25         994.5      46         988.5                213
            111        983.6      172        981.6      398        979.6                214
            450        979        504        978.5      641        978.0                215
            726        979.2      880        979.4      953        980.4                216
            984        981.4      1002       981.1      1014       981.6                217
            1016       979.9      1022       973.6      1027       971                  218
            1030       970.9      1036       971.2      1042       971.5                219
            1048       971.5      1057       978.6      1059       981.6                220
            1086       981        1150       980.3      1205       980                  221
            1224       980.5      1231       984.6      1260       1000                 222
ENDTABLE                                                                                223
SEGMENT     1          1          D          1016                                       224
NVALUE      .10                                                                         225
SEGMENT     1          2          C          1059                                       226
NVALUE      .065                                                                        227
SEGMENT     1          3          D          1260                                       228
NVALUE      .10                                                                         229
SECTION     27                                                                          230
            2200       1010       2225       1001.2     2365       984.5                231
            2865       985.1      2870       977.8      2915       976.6                232
            2930       985        2955       998.7      3000       1009                 233
ENDTABLE                                                                                234
SEGMENT     27         1          D          2865                                       235
NVALUE      .09                                                                         236
SEGMENT     27         2          C          2930                                       237
NVALUE      .065                                                                        238
SEGMENT     27         3          D          3000                                       239
NVALUE      .09                                                                         240
COMPUTE     155        27         155                                                   818
-------------------------------END OF 80/80 LIST----------------------------------------------
```

COMPUTE 155 27 155 618

STARTING DATA FROM GIVEN ELEVATION

RATING TABLE FOR SECTION 155 DA=2891.0

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CPIT ELEV	FRICTION SLOPE
0	961.1	0.0	0.0						
BANK FULL	966.2	406.4	2586.6	.00	.00	.00			
*****WARNING-BANKFULL OR ZERO DAMAGE ELEV BELOW FIRST PROFILE. FLOW INTERPOLATED LINEARLY FROM CHANNEL BOTTOM*****									
ZERO DAMG	966.2	406.4	2586.6	.00	.00	.00			
*****WARNING-BANKFULL OR ZERO DAMAGE ELEV BELOW FIRST PROFILE. FLOW INTERPOLATED LINEARLY FROM CHANNEL BOTTOM*****									
1	966.8	482.3	2891.0	.00	.00	.00	1.00	965.3	.00669
2	974.5	2467.1	10697.3	.00	.00	.00	3.70	969.3	.00171
3	978.8	4042.7	15756.6	.00	.00	.00	5.45	970.7	.00106
4	980.6	4784.3	20381.6	.00	.00	.00	7.05	971.6	.00115
5	986.3	7457.1	34301.7	.00	.00	.00	11.87	974.0	.00107

SEGMENT TABLE FOR SECTION 155

CSM		TOTAL	SEG NO 1 D	2 C	3 D
1	DISCHARGE CFS	2891.	5.	2886.	0.
1.	VELOCITY FPS	6.00	.69	9.07	.00
3	DISCHARGE CFS	10697.	1718.	8727.	252.
4.	VELOCITY FPS	5.68	1.99	6.21	1.27
3	DISCHARGE CFS	15756.	3291.	11614.	851.
6.	VELOCITY FPS	5.30	2.16	6.04	1.43
4	DISCHARGE CFS	20382.	4605.	14512.	1365.
7.	VELOCITY FPS	5.85	2.47	6.77	1.66
5	DISCHARGE CFS	34302.	8354.	22249.	3699.
12.	VELOCITY FPS	6.53	2.95	7.86	2.06
1	ELEV 966.8 KD	35324.	33.	35290.	1.
2	ELEV 974.5 KD	258678.	41413.	211252.	6014.
3	ELEV 978.8 KD	483545.	100637.	356845.	25864.
4	ELEV 980.6 KD	599789.	132945.	427181.	40083.
5	ELEV 986.3 KD	1048782.	255356.	680637.	112789.

KD TABLE FOR CROSS SECTION 155

ELEVATION	AREA	KD	KD BY SEGMENT		
961.10	0.				
962.	19.	325.	1.	323.	1.
963.	83.	2443.	1.	2443.	1.
964.	172.	7537.	1.	7535.	1.
965.	272.	15050.	1.	15048.	1.
966.	382.	24975.	2.	24970.	1.
967.	512.	38273.	84.	38183.	7.
968.	673.	54837.	685.	54075.	1.
969.	868.	74820.	2321.	72450.	8.
970.	1105.	98708.	5260.	93204.	119.
971.	1380.	127487.	10388.	116145.	537.
972.	1672.	159934.	17474.	141000.	1376.
973.	1979.	196619.	26054.	167745.	2749.
974.	2302.	237073.	35882.	196281.	4730.
975.	2636.	281360.	47115.	226813.	7453.
976.	2988.	329459.	59624.	258678.	11000.
977.	3352.	381364.	73375.	292425.	15564.
978.	3731.	437082.	88330.	327812.	20852.
979.	4126.	496560.	104348.	364751.	27330.
980.	4535.	559906.	121556.	403264.	34905.
981.	4957.	627141.	139973.	443344.	43712.
982.	5392.	698102.	159457.	484926.	53751.
983.	5847.	772869.	179755.	527937.	64987.
984.	6316.	851556.	201295.	572424.	77658.
985.	6797.	934310.	224001.	618376.	91881.
986.	7300.	1021167.	247737.	665668.	107763.
987.	7814.	1112193.	272703.	714493.	124995.
988.	8344.	1207427.	298789.	764481.	144025.
989.	8893.	1306939.	326018.	815896.	164319.
990.	9450.	1411467.	354742.	868657.	187940.
991.	10020.	1521362.	387685.	922724.	211101.
992.	10590.	1636878.	420298.	978031.	247809.
993.	11160.	1757509.	453139.	1034373.	277055.
994.	11730.	1882840.	487414.	1092071.	308687.
995.	12300.	2022904.	523134.	1151114.	342819.

RATING TABLE FOR SECTION 165 DA=2891.0

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	962.3	0.0	0.0						
1	965.2	766.0	2891.0	.00	.00	.00	1.00	965.3	.00148
BANK FULL	971.2	1014.0	5066.4	.00	.00	.00			
ZERO DAMG	971.2	1014.0	5068.4	.00	.00	.00			
2	976.4	1986.1	10696.7	.00	.00	.00	3.70	969.1	.00149
3	980.3	2863.2	15755.9	.00	.00	.00	5.45	971.0	.00127
4	982.2	3338.9	20381.6	.00	.00	.00	7.05	972.2	.00144
5	987.8	4901.7	34301.7	.00	.00	.00	11.87	976.5	.00157

SEGMENT TABLE FOR SECTION 165

CSM		TOTAL	1 D	SEG NO 2 C	3 D
1	DISCHARGE CFS	2891.	0.	2891.	0.
1.	VELOCITY FPS	3.78	.00	3.77	.00
2	DISCHARGE CFS	10697.	110.	10270.	317.
4.	VELOCITY FPS	6.05	1.14	6.16	1.43
3	DISCHARGE CFS	15756.	408.	14483.	865.
5.	VELOCITY FPS	6.49	1.68	6.74	1.84
4	DISCHARGE CFS	20382.	685.	18372.	1345.
7.	VELOCITY FPS	7.33	2.03	7.63	2.17
5	DISCHARGE CFS	34302.	1658.	29467.	3180.
12.	VELOCITY FPS	8.89	2.39	9.53	2.72
1	ELEV 969.2 KD	75260.	1.	75258.	1.
2	ELEV 976.4 KD	279523.	2744.	268693.	8086.
3	ELEV 980.3 KD	441251.	11357.	405750.	24144.
4	ELEV 982.2 KD	537864.	17488.	484932.	35393.
5	ELEV 987.8 KD	866201.	41769.	744171.	80262.

KD TABLE FOR CROSS SECTION 165

ELEVATION	AREA	KD	KD BY SEGMENT		
962.30	0.				
963.	50.	854.	1.	852.	1.
964.	162.	6050.	1.	6048.	1.
965.	275.	14459.	1.	14457.	1.
966.	390.	25533.	1.	25531.	1.
967.	506.	38930.	1.	38727.	1.
968.	625.	54453.	1.	54451.	1.
969.	745.	71951.	1.	71949.	1.
970.	868.	91319.	1.	91317.	1.
971.	989.	112517.	1.	112515.	2.
972.	1129.	136172.	1.	136022.	58.
973.	1292.	162785.	10.	161872.	741.
974.	1480.	192474.	171.	189901.	2216.
975.	1683.	225130.	856.	219800.	4208.
976.	1892.	260502.	2091.	251437.	6789.
977.	2109.	298490.	3698.	284757.	9924.
978.	2331.	339034.	5661.	319713.	13313.
979.	2559.	382091.	7736.	356268.	17845.
980.	2795.	427827.	10516.	394386.	22608.
981.	3035.	475628.	13469.	434021.	28018.
982.	3280.	526004.	16762.	475193.	34028.
983.	3534.	578063.	20041.	517819.	40163.
984.	3798.	633803.	23874.	561702.	45941.
985.	4071.	692653.	27713.	607425.	54441.
986.	4355.	749401.	32216.	654350.	62758.
987.	4650.	811900.	37200.	702857.	71914.
988.	4952.	877038.	42697.	752351.	81958.
989.	5269.	945107.	48709.	803366.	92909.
990.	5592.	1017265.	55669.	855727.	105668.
991.	5921.	1093771.	63741.	909413.	120559.
992.	6251.	1172132.	71378.	964233.	134946.
993.	6581.	1253122.	79473.	1020355.	150253.
994.	6911.	1336840.	88185.	1077784.	166719.
995.	7241.	1423288.	97536.	1136612.	184392.

RATING TABLE FOR SECTION 145 DA=2891.0

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	958.7	0.0	0.0						
1	969.9	1344.3	2891.0	.00	.00	.00	1.00	961.7	.00027
BANK FULL	972.0	1639.5	5018.1	.00	.00	.00			
ZERO DAMG	972.0	1639.5	5018.1	.00	.00	.00			
2	977.7	4101.5	10696.7	.00	.00	.00	3.70	965.4	.00045
3	981.4	7379.5	15755.9	.00	.00	.00	5.45	967.3	.00034
4	983.6	9280.1	20381.6	.00	.00	.00	7.05	968.8	.00034
5	989.5	14795.5	34361.7	.00	.00	.00	11.87	972.7	.00030

SEGMENT TABLE FOR SECTION 145

CSM		TOTAL	SEG NO 1 D	SEG NO 2 C	SEG NO 3 D
1	DISCHARGE CFS	2891.	0.	2891.	0.
	1. VELOCITY FPS	2.15	.00	2.15	.00
2	DISCHARGE CFS	10697.	931.	9750.	16.
	4. VELOCITY FPS	3.91	.38	3.97	.58
3	DISCHARGE CFS	15756.	3869.	11835.	52.
	5. VELOCITY FPS	3.46	.90	3.94	.70
4	DISCHARGE CFS	20382.	6375.	13918.	89.
	7. VELOCITY FPS	3.94	1.09	4.21	.80
5	DISCHARGE CFS	34362.	14641.	19122.	239.
	12. VELOCITY FPS	3.58	1.44	4.59	.93
1	ELEV 969.9 KD	177178.	1.	177176.	1.
2	ELEV 977.7 KD	499899.	38985.	460208.	706.
3	ELEV 981.4 KD	853052.	207523.	642753.	2776.
4	ELEV 983.6 KD	1103313.	342728.	755827.	4758.
5	ELEV 989.5 KD	1989247.	840348.	1109562.	13847.

KD TABLE FOR CROSS SECTION 145

ELEVATION	AREA	KD	KD BY SEGMENT		
958.70	0.				
959.	11.	86.	1.	83.	1.
960.	117.	3537.	1.	3535.	1.
961.	231.	10810.	1.	10808.	1.
962.	347.	20959.	1.	20957.	1.
963.	465.	33646.	1.	33644.	1.
964.	586.	48823.	1.	48821.	1.
965.	710.	65768.	1.	65766.	1.
966.	835.	84953.	1.	84952.	1.
967.	963.	106097.	1.	106095.	1.
968.	1094.	129141.	1.	129139.	1.
969.	1227.	154031.	1.	154029.	1.
970.	1362.	180726.	1.	180724.	1.
971.	1500.	209195.	1.	209190.	1.
972.	1640.	239542.	1.	239539.	1.
973.	1782.	273023.	1.	273014.	8.
974.	1928.	308431.	1.	308380.	40.
975.	2140.	346508.	42.	346057.	125.
976.	2679.	394125.	2108.	383523.	274.
977.	3517.	453950.	22888.	429706.	509.
978.	4371.	527814.	49534.	474617.	823.
979.	5234.	611519.	66226.	521307.	1242.
980.	6105.	704255.	131517.	587781.	1782.
981.	6984.	806333.	183401.	619958.	2446.
982.	7876.	916478.	239726.	671740.	3228.
983.	8773.	1035176.	304957.	728263.	4174.
984.	9680.	1161827.	378133.	780354.	5288.
985.	10598.	1295505.	458089.	837059.	6515.
986.	11521.	1437627.	534082.	895399.	7948.
987.	12458.	1586577.	621127.	955221.	9463.
988.	13400.	1743777.	713318.	1016614.	11111.
989.	14349.	1909193.	816230.	1079542.	12877.
990.	15305.	2082236.	922351.	1143939.	15174.
991.	16264.	2263904.	1035087.	1209884.	17950.
992.	17224.	2444288.	1143186.	1276862.	20468.
993.	18184.	2631796.	1256013.	1345336.	23167.
994.	19144.	2827668.	1376241.	1415352.	26130.
995.	20104.	3032032.	1504132.	1486905.	29373.

RATING TABLE FOR SECTION 23 A DA=2000.0

NO.	ELEV	AREA	CFS		DAMAGE	ACRES FLOODED CHANNEL	NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	964.0	0.0	0.0							
1	973.1	535.6	2000.0		.00	.95	.00	1.00	967.6	.00197
ZERO DAMG	977.6	836.2	4727.6		.00	1.06	.00			
BANK FULL	977.9	909.1	5192.9		1.67	1.08	.00			
2	981.2	1568.6	7400.0	10	2.83	1.10	.00	3.70	972.3	.00232
3	984.4	2510.2	10900.0	50	3.15	1.10	.00	5.45	974.6	.00197
4	986.4	3151.1	14100.0	100	3.35	1.10	.00	7.05	976.4	.00194
5	991.9	5041.9	23730.0	500	3.90	1.10	.00	11.87	981.7	.00189

SEGMENT TABLE FOR SECTION 23 A

CSM		TOTAL	SEG NO 1 D	2 C	3 D
1	DISCHARGE CFS	2000.	0.	2000.	0.
1.	VELOCITY FPS	3.74	.00	3.73	.00
2	DISCHARGE CFS	7400.	232.	6802.	286.
4.	VELOCITY FPS	5.77	1.41	5.85	1.97
3	DISCHARGE CFS	10900.	211.	8822.	1467.
5.	VELOCITY FPS	5.71	2.12	6.26	1.81
4	DISCHARGE CFS	14100.	949.	10528.	2623.
7.	VELOCITY FPS	5.90	2.43	6.49	2.21
5	DISCHARGE CFS	23730.	2098.	14629.	6803.
12.	VELOCITY FPS	6.11	2.98	7.37	2.93
1	ELEV 973.1 KD	45047.	1.	45045.	1.
2	ELEV 981.2 KD	153377.	4367.	143218.	4792.
3	ELEV 984.4 KD	245307.	13646.	199384.	32337.
4	ELEV 986.4 KD	320198.	21544.	239140.	59514.
5	ELEV 991.9 KD	576520.	60894.	360783.	164843.

KD TABLE FOR CROSS SECTION 23

ELEVATION	AREA	KD	KD BY SEGMENT	
964.00	0.			
965.	48.	1046.	1.	1044. 1.
966.	101.	3465.	1.	3462. 1.
967.	157.	6900.	1.	6898. 1.
968.	214.	11225.	1.	11223. 1.
969.	273.	16386.	1.	16384. 1.
970.	334.	22283.	1.	22281. 1.
971.	398.	28938.	1.	28936. 1.
972.	463.	36313.	1.	36311. 1.
973.	530.	44387.	1.	44385. 1.
974.	600.	53180.	1.	53178. 1.
975.	671.	62657.	1.	62655. 1.
976.	745.	72826.	1.	72824. 1.
977.	821.	83692.	1.	83690. 1.
978.	900.	95843.	56.	95576. 1.
979.	1039.	109858.	862.	108778. 18.
980.	1226.	126902.	2310.	125426. 233.
981.	1501.	148061.	4209.	139781. 4025.
982.	1789.	173102.	8493.	156111. 9501.
983.	2084.	201283.	9167.	173565. 17853.
984.	2386.	232422.	12299.	191779. 27943.
985.	2694.	266504.	15854.	210732. 39918.
986.	3012.	303256.	19677.	230334. 52711.
987.	3337.	342728.	23732.	250648. 67777.
988.	3666.	385055.	28660.	271689. 84707.
989.	4006.	429808.	33683.	293330. 102483.
990.	4352.	477337.	39188.	315874. 122300.
991.	4704.	527518.	45072.	338671. 143652.
992.	5065.	580126.	51297.	362284. 166317.
993.	5430.	635489.	57978.	386562. 190856.
994.	5806.	693236.	64902.	411431. 216601.
995.	6186.	753717.	72439.	436945. 244189.
996.	6574.	816720.	80276.	463059. 273235.
997.	6970.	882289.	88513.	490773. 303839.
998.	7371.	950563.	97191.	517162. 336193.
999.	7782.	1021263.	106228.	544989. 369870.
1000.	8196.	1094813.	115761.	573504. 405549.
1001.	8616.	1171551.	126412.	602537. 446414.
1002.	9038.	1250851.	137504.	632207. 490140.
1003.	9456.	1342135.	147816.	662225. 530983.
1004.	9876.	1427507.	158612.	692854. 574066.
1005.	10296.	1515996.	169899.	724082. 619451.
1006.	10716.	1607640.	181080.	755933. 667199.

RATING TABLE FOR SECTION 71 DA=2000.0

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	963.8	0.0	0.0						
BANK FULL	973.0	464.7	1749.8	.00	1.34	.00			
*****WARNING-BANKFULL OR ZERO DAMAGE ELEV BELOW FIRST PROFILE. FLOW INTERPOLATED LINEARLY FROM CHANNEL BOTTOM*****									
ZERO DAMG	973.0	464.7	1749.8	.00	1.34	.00			
*****WARNING-BANKFULL OR ZERO DAMAGE ELEV BELOW FIRST PROFILE. FLOW INTERPOLATED LINEARLY FROM CHANNEL BOTTOM*****									
1	974.3	552.1	2000.0	.00	1.37	.00	1.00	968.3	.00170
2	982.7	1447.5	7400.0	1.39	1.48	.00	3.70	972.2	.00208
3	985.8	1936.1	10900.0	1.63	1.48	.00	5.45	975.7	.00225
4	987.9	2288.1	14100.0	1.81	1.48	.00	7.05	977.5	.00246
5	993.3	3300.4	23730.0	2.30	1.48	.00	11.87	982.2	.00276

SEGMENT TABLE FOR SECTION 71

CSM		TOTAL	SEG NO 1 D	SEG NO 2 C	SEG NO 3 D
1	DISCHARGE CFS	2000.	2.	1998.	0.
1.	VELOCITY FPS	3.64	.51	3.64	.00
2	DISCHARGE CFS	7400.	268.	6851.	281.
4.	VELOCITY FPS	5.89	1.89	5.09	1.56
3	DISCHARGE CFS	10900.	577.	9522.	802.
5.	VELOCITY FPS	6.69	2.44	7.10	2.30
4	DISCHARGE CFS	14100.	901.	11875.	1323.
7.	VELOCITY FPS	7.42	2.72	7.99	2.82
5	DISCHARGE CFS	23730.	2169.	18359.	3202.
12.	VELOCITY FPS	8.86	3.51	9.85	3.91
1	ELEV 974.3 KD	48556.	23.	48531.	1.
2	ELEV 982.7 KD	162171.	5819.	150468.	5896.
3	ELEV 985.8 KD	230811.	12158.	201824.	16828.
4	ELEV 987.9 KD	284367.	16155.	239586.	28648.
5	ELEV 993.3 KD	451250.	41121.	349410.	60719.

KD TABLE FOR CROSS SECTION 71

ELEVATION	AREA	KD	KD BY SEGMENT		
963.80	0.				
964.	1.	5.	1.	5.	1.
965.	26.	415.	1.	413.	1.
966.	73.	2134.	1.	2132.	1.
967.	122.	4881.	1.	4879.	1.
968.	173.	8482.	1.	8480.	1.
969.	227.	12838.	1.	12834.	1.
970.	283.	17931.	1.	17929.	1.
971.	341.	23727.	1.	23725.	1.
972.	402.	30201.	1.	30198.	1.
973.	465.	37437.	2.	37434.	1.
974.	530.	45765.	12.	45747.	1.
975.	600.	54923.	83.	54831.	1.
976.	674.	64835.	240.	64572.	1.
977.	751.	75513.	345.	74687.	1.
978.	833.	86971.	980.	85973.	1.
979.	930.	99319.	1594.	97602.	29.
980.	1053.	113628.	2408.	110440.	471.
981.	1193.	130063.	3444.	126444.	1954.
982.	1337.	148190.	4735.	139282.	4173.
983.	1488.	167831.	6255.	154715.	6678.
984.	1643.	188885.	8066.	170821.	9633.
985.	1801.	211383.	10170.	187978.	13529.
986.	1965.	235240.	12616.	204938.	17614.
987.	2134.	260494.	15359.	222887.	22091.
988.	2306.	287170.	18482.	241477.	27153.
989.	2484.	315215.	21948.	260823.	32538.
990.	2666.	344661.	25797.	280361.	38389.
991.	2852.	375536.	30074.	300700.	44762.
992.	3045.	407852.	34692.	321551.	51396.
993.	3241.	441203.	39578.	342757.	58553.
994.	3442.	476170.	44991.	364969.	66120.
995.	3650.	512588.	50892.	387491.	74100.
996.	3860.	550480.	57313.	410567.	82552.
997.	4078.	589858.	64238.	434145.	91351.
998.	4299.	630746.	71734.	456288.	100724.
999.	4528.	673148.	79747.	482899.	110389.
1000.	4758.	717474.	88610.	508064.	120729.
1001.	4993.	763755.	97128.	533704.	131765.
1002.	5228.	813807.	110181.	559854.	143600.
1003.	5463.	862390.	120484.	583350.	154617.
1004.	5698.	912536.	131465.	613384.	166169.
1005.	5933.	964284.	143118.	640755.	178270.

TABLE OF VALUES FOR BPR EQUATION

COEFK	AKB	DGTAK	SIGMA	DKE	DKS	M	ALPHA	ALPHA2	BRIDA	APPAR	AEXIT
.0583	.0000	.0583	.9979	.0000	.0000	.9999	1.0000	1.0000	873.7537	741.4280	679.2405
DCRIT	966.74	KBCRIT=									
.7080	.6224	.0856	.8809	.0000	.0000	.6961	1.3087	1.2149	2782.4619	3644.7878	1744.3931
DCRIT	971.35	KBCRIT=									
.8659	.7786	.0873	.8445	.0000	.0000	.6453	1.1941	1.1252	3561.1545	5088.1289	2270.5811
DCRIT	973.31	KBCRIT=									
.9440	.8577	.0871	.8258	.0000	.0000	.6212	1.1507	1.0936	4148.9727	6110.1445	2655.6929
DCRIT	975.69	KBCRIT=									
1.1276	1.0441	.0836	.7812	.0000	.0000	.5678	1.0949	1.0539	5691.1875	8956.5742	3744.9949
DCRIT	978.03	KBCRIT=									

ROAD SECTION RR

NO.	HW	CFS	HL	TW	CSM
0	962.30	0.00	0.00	0.00	0.00
1	974.65	2000.00	.08	974.57	1.00
2	983.89	7400.00	.54	983.15	3.70
3	987.02	10900.00	.72	986.30	5.45
4	987.36	14100.00	.92	988.44	7.05
5	995.33	23730.00	1.38	993.95	11.87

MIN ROAD ELEVATION 1000.40

BRIDGE TYPE 2 GIRDER BOTTOM ELEVATION = 998.50 OPENING NO.= 1

RATING TABLE FOR SECTION 73 DA=2000.0

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	CHANNEL	NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	964.6	0.0	0.0						
1	974.9	594.5	2000.0	.00	.27	.00	1.00	968.5	.00144
ZERO DAMG	977.2	759.6	3421.6	.00	.28	.00			
BANK FULL	980.1	1331.6	5176.0	.28	.30	.00			
2	983.8	2734.7	7400.0	.43	.30	.00	3.70	973.1	.00088
3	987.1	4093.5	10900.0	.48	.30	.00	5.45	975.3	.00064
4	989.4	5100.4	14100.0	.61	.30	.00	7.05	977.8	.00057
5	995.4	7840.6	23730.0	.59	.30	.00	11.87	981.2	.00046

SEGMENT TABLE FOR SECTION 73

CSM		TOTAL	SEG NO 1 D	2 C	3 D
1	DISCHARGE CFS	2000.	0.	2000.	0.
1.	VELOCITY FPS	3.37	.00	3.36	.00
2	DISCHARGE CFS	7400.	2108.	4689.	602.
4.	VELOCITY FPS	7.27	1.53	3.84	1.65
3	DISCHARGE CFS	10900.	4207.	5390.	1302.
5.	VELOCITY FPS	3.00	2.15	3.69	1.92
4	DISCHARGE CFS	14100.	6050.	6101.	1949.
7.	VELOCITY FPS	3.03	2.38	3.75	2.11
5	DISCHARGE CFS	23730.	11574.	6111.	4646.
12.	VELOCITY FPS	3.19	2.81	3.94	2.44
1	ELEV 974.9 KD	52617.	1.	52614.	1.
2	ELEV 983.8 KD	248178.	49840.	158482.	19857.
3	ELEV 987.1 KD	431382.	166440.	213496.	51446.
4	ELEV 989.4 KD	589853.	252555.	256044.	81254.
5	ELEV 995.4 KD	1105892.	539254.	376205.	188434.

KD TABLE FOR CROSS SECTION 73

ELEVATION	AREA	KD	KD BY SEGMENT		
964.60	0.				
965.	4.	35.	1.	32.	1.
966.	48.	751.	1.	697.	1.
967.	106.	3523.	1.	3520.	1.
968.	164.	7154.	1.	7151.	1.
969.	224.	11713.	1.	11710.	1.
970.	285.	17072.	1.	17069.	1.
971.	347.	23171.	1.	23168.	1.
972.	409.	29933.	1.	29930.	1.
973.	473.	37328.	1.	37325.	1.
974.	538.	45327.	1.	45326.	1.
975.	604.	53902.	1.	53900.	1.
976.	671.	63027.	1.	63024.	1.
977.	744.	72672.	1.	72662.	1.
978.	840.	83341.	205.	82881.	3.
979.	1006.	96010.	2319.	93548.	143.
980.	1302.	114032.	7270.	104803.	1135.
981.	1662.	140808.	17500.	117845.	3966.
982.	2043.	174750.	33918.	131777.	8540.
983.	2432.	214826.	53016.	146749.	14641.
984.	2828.	260252.	75338.	162138.	21750.
985.	3232.	310536.	101686.	178188.	30012.
986.	3642.	365982.	131119.	194820.	39638.
987.	4056.	426405.	163798.	212054.	50553.
988.	4485.	490618.	198085.	227825.	62245.
989.	4917.	560034.	236108.	248185.	75456.
990.	5355.	633552.	278754.	267128.	87862.
991.	5803.	711878.	319654.	286591.	105330.
992.	6255.	794783.	365793.	306625.	122260.
993.	6717.	881569.	413844.	327177.	140256.
994.	7185.	972793.	464686.	348260.	159544.
995.	7659.	1068615.	518357.	369884.	180264.
996.	8143.	1168131.	573815.	392001.	202094.
997.	8629.	1272755.	632546.	414665.	225545.
998.	9129.	1381448.	692230.	437752.	249933.
999.	9632.	1493262.	755417.	461452.	276315.
1000.	10145.	1612492.	821805.	485585.	304920.
1001.	10659.	1735618.	890152.	510168.	334702.
1002.	11175.	1861398.	959256.	535146.	365072.
1003.	11691.	1992606.	10316B3.	560637.	397284.
1004.	12207.	2129332.	1107505.	586340.	431401.

RATING TABLE FOR SECTION 24 DA=2000.0

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	DAIT ELEV	FRICTION SLOPE
0	966.3	0.0	0.0						
1	976.0	657.3	2000.0	.00	1.80	.00	1.00	969.5	.00115
BANK FULL	978.7	870.8	3670.8	.00	1.89	.00			
ZERO DAMG	978.7	870.8	3670.8	.00	1.89	.00			
2	984.7	2422.1	7400.0	5.68	1.91	.00	3.70	973.8	.00107
3	987.9	3591.8	10900.0	6.66	1.91	.00	5.45	975.9	.00096
4	990.2	4514.2	14100.0	7.28	1.91	.00	7.05	977.7	.00092
5	996.0	7157.9	23730.0	8.79	1.91	.00	11.87	982.7	.00081

SEGMENT TABLE FOR SECTION 24

CSM		TOTAL	SEG NO 1 D	SEG NO 2 C	SEG NO 3 D
1	DISCHARGE CFS	2000.	0.	2000.	0.
1.	VELOCITY FPS	3.05	.00	3.04	.00
2	DISCHARGE CFS	7400.	466.	6009.	925.
4.	VELOCITY FPS	4.07	1.28	4.46	1.30
3	DISCHARGE CFS	10900.	1133.	7594.	2173.
5.	VELOCITY FPS	4.07	1.67	4.74	1.66
4	DISCHARGE CFS	14100.	1789.	8932.	3378.
7.	VELOCITY FPS	4.15	1.93	5.00	1.87
5	DISCHARGE CFS	23730.	3695.	12551.	7484.
12.	VELOCITY FPS	4.28	2.42	5.46	2.27
1	ELEV 976.0 KD	58880.	1.	58878.	1.
2	ELEV 984.7 KD	226317.	14094.	134238.	27985.
3	ELEV 987.9 KD	351933.	36303.	245892.	69738.
4	ELEV 990.2 KD	464706.	58891	294606.	111208.
5	ELEV 996.0 KD	833006.	136531.	434291.	262184.

KD TABLE FOR CROSS SECTION 24

ELEVATION	AREA	KD	KD BY SEGMENT		
966.30	0.				
967.	42.	756.	1.	754.	1.
968.	104.	3273.	1.	3270.	1.
969.	168.	7085.	1.	7083.	1.
970.	233.	11933.	1.	11931.	1.
971.	300.	17723.	1.	17721.	1.
972.	368.	24381.	1.	24379.	1.
973.	438.	31854.	1.	31852.	1.
974.	509.	40104.	1.	40102.	1.
975.	582.	49101.	1.	49099.	1.
976.	657.	58821.	1.	58819.	1.
977.	733.	69248.	1.	69246.	1.
978.	811.	80368.	1.	80366.	1.
979.	890.	92800.	12.	92745.	8.
980.	1038.	107400.	138.	103552.	154.
981.	1255.	125153.	1039.	121612.	1911.
982.	1539.	146977.	2850.	137460.	6457.
983.	1852.	173273.	6104.	154062.	12931.
984.	2184.	203216.	10274.	171137.	20773.
985.	2523.	236515.	15620.	189487.	30882.
986.	2875.	273251.	21975.	208303.	42854.
987.	3247.	313348.	29018.	227808.	56194.
988.	3622.	356278.	37193.	248005.	71722.
989.	4026.	404159.	46518.	268893.	88496.
990.	4437.	454810.	56767.	290446.	107321.
991.	4859.	508852.	67655.	312885.	128009.
992.	5289.	566488.	79760.	335531.	150928.
993.	5735.	627299.	92638.	359023.	175367.
994.	6191.	691620.	106281.	383160.	201952.
995.	6656.	759452.	120820.	407932.	230634.
996.	7139.	830472.	135723.	433293.	260957.
997.	7626.	905276.	152138.	459296.	293768.
998.	8132.	983283.	168877.	485871.	328279.
999.	8644.	1065807.	186854.	513962.	365734.
1000.	9169.	1153782.	206120.	540831.	406593.
1001.	9697.	1245211.	225454.	569126.	449498.
1002.	10227.	1340010.	244618.	597934.	494300.
1003.	10757.	1437107.	264813.	627344.	542142.
1004.	11287.	1537571.	286065.	657352.	593142.

TABLE OF VALUES FOR BPR EQUATION

COEFK	AKB	DGTAK	SIGMA	DKE	DKS	M	ALPHA	ALPHA2	BRIDA	APPAR	AEXIT
.2968	.0876	.2072	.9886	.0000	.0000	.9317	1.0000	1.0000	615.9917	890.8352	750.9460
DCRIT	969.15	KBCRIT=									
.2261	.0589	.1672	.9929	.0000	.0000	.9522	1.2781	1.2648	1551.1697	2169.5300	2865.5928
DCRIT	974.13	KBCRIT=									
.2263	.0716	.1547	.9912	.0000	.0000	.9435	1.3396	1.3204	2003.7480	2793.9646	4085.5435
DCRIT	976.47	KBCRIT=									
.2208	.0744	.1464	.9908	.0000	.0000	.9417	1.4492	1.4230	2361.8933	3296.8975	5041.8945
DCRIT	979.21	KBCRIT=									
.0000	.0000	.0000	.0000	.0000	.0000	.0000	1.4492	1.4230	2843.9023	3296.8975	5041.8945
DCRIT	-1.00	KBCRIT=									

ROAD SECTION SR 2000

NO.	HW	CFS	HL	TW	CSM
0	965.20	0.00	0.00	0.00	0.00
1	976.23	2900.00	.10	976.13	1.00
2	984.97	7400.00	.10	984.87	3.70
3	988.10	10900.00	.03	988.04	5.45
4	990.33	14100.00	.00	990.33	7.05
5	998.84	23759.00	2.68	996.16	11.87

MIN ROAD ELEVATION = 996.70

BRIDGE TYPE 2 GIRDER BOTTOM ELEVATION = 991.80 OPENING NO.= 1

RATING TABLE FOR SECTION 26 DA=2000.0

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	966.2	0.0	0.0						
1	976.3	803.7	2000.0	.00	.21	.00	1.00	969.1	.00072
BANK FULL	978.5	1010.2	3367.4	.00	.21	.00			
ZERO DAMG	978.5	1010.2	3367.4	.00	.21	.00			
2	985.0	1986.3	7400.0	.13	.22	.00	3.70	973.0	.00092
3	988.2	2596.9	10900.0	.15	.22	.00	5.45	974.2	.00103
4	990.4	3067.2	14100.0	.19	.22	.00	7.05	976.6	.00114
5	998.9	5878.3	23730.0	.52	.22	.00	11.87	981.3	.00087

SEGMENT TABLE FOR SECTION 26

CSM		TOTAL	SEG NO 1 D	SEG NO 2 C	SEG NO 3 D
1	DISCHARGE CFS	2000.	0.	2000.	0.
1.	VELOCITY FPS	2.49	.00	2.49	.00
2	DISCHARGE CFS	7400.	134.	6955.	311.
4.	VELOCITY FPS	4.17	.96	4.28	1.40
3	DISCHARGE CFS	10900.	471.	9750.	679.
5.	VELOCITY FPS	4.84	1.52	5.07	1.86
4	DISCHARGE CFS	14100.	815.	12234.	1051.
7.	VELOCITY FPS	5.38	1.61	5.73	2.16
5	DISCHARGE CFS	23730.	2061.	18149.	2620.
12.	VELOCITY FPS	5.50	1.74	6.17	2.52
1	ELEV 976.3 KD	24755.	1.	24753.	1.
2	ELEV 985.0 KD	243515.	4141.	227283.	10111.
3	ELEV 988.2 KD	338955.	14452.	303469.	21034.
4	ELEV 990.4 KD	416731.	24102.	361634.	30996.
5	ELEV 998.9 KD	805253.	59967.	616393.	88873.

KD TABLE FOR CROSS SECTION 26

ELEVATION	AREA	KD	KD BY SEGMENT		
966.20	0.				
967.	57.	1102.	1.	1100.	1.
968.	129.	4242.	1.	4240.	1.
969.	204.	8840.	1.	8838.	1.
970.	280.	14682.	1.	14680.	1.
971.	358.	21649.	1.	21647.	1.
972.	438.	29531.	1.	29529.	1.
973.	520.	38660.	1.	38658.	1.
974.	604.	48605.	1.	48602.	1.
975.	690.	59460.	1.	59462.	1.
976.	778.	71214.	1.	71212.	1.
977.	868.	83837.	1.	83834.	1.
978.	960.	97316.	1.	97314.	1.
979.	1064.	112270.	1.	112159.	33.
980.	1185.	126373.	0.	126811.	460.
981.	1320.	140399.	64.	146579.	1600.
982.	1466.	169392.	393.	165748.	3157.
983.	1625.	192076.	1110.	185051.	5114.
984.	1799.	216823.	2234.	208321.	7351.
985.	1982.	243106.	4085.	228707.	10040.
986.	2171.	271538.	6803.	251482.	13144.
987.	2366.	301852.	10047.	275086.	16585.
988.	2565.	333920.	13798.	299540.	20390.
989.	2769.	367677.	18129.	324825.	24572.
990.	2977.	403083.	22988.	350927.	29072.
991.	3213.	436052.	28187.	377808.	33961.
992.	3464.	470912.	33830.	405507.	39330.
993.	3753.	514527.	35030.	433961.	45107.
994.	4048.	560559.	45602.	463187.	51352.
995.	4346.	609006.	51708.	493194.	58105.
996.	4661.	658049.	58547.	523901.	65264.
997.	4984.	708527.	80098.	555390.	72988.
998.	5346.	758130.	89260.	587580.	81170.
999.	5730.	813195.	102251.	620512.	90011.
1000.	6148.	873279.	122108.	654152.	99570.
1001.	6567.	943958.	143016.	688397.	109389.
1002.	6992.	1015784.	165206.	723280.	119548.
1003.	7417.	1091291.	190083.	758896.	130331.
1004.	7842.	1169874.	217885.	795242.	141758.

RATING TABLE FOR SECTION 1 DA=2000.0

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	STARTING ELEV	STARTING SLOPE
0	970.9	0.0	0.0						
ZERO DAMG	978.5	247.9	1559.2	.00	1.74	.00			
*****WARNING-BANKFULL OR ZERO DAMAGE ELEV BELOW FIRST PROFILE. FLOW INTERPOLATED LINEARLY FROM CHANNEL BOTTOM*****									
BANK FULL	979.9	730.4	1846.4	29.41	1.85	.00			
*****WARNING-BANKFULL OR ZERO DAMAGE ELEV BELOW FIRST PROFILE. FLOW INTERPOLATED LINEARLY FROM CHANNEL BOTTOM*****									
1	980.6	1294.3	2000.0	31.86	1.87	.00	1.00	976.9	.00224
2	986.0	7056.3	7400.0	46.80	1.90	.00	3.79	980.3	.00037
3	989.0	10540.7	10900.0	47.44	1.90	.00	5.45	980.9	.00023
4	991.2	13237.2	14100.0	47.98	1.90	.00	7.05	981.2	.00019
S	999.5	23445.9	23730.0	50.04	1.90	.00	11.87	982.0	.00008

SEGMENT TABLE FOR SECTION 1

CSM			TOTAL	SEG NO 1 D	2 C	3 D
1	DISCHARGE CFS		2000.	831.	1144.	25.
1.	VELOCITY FPS		2.92	.90	2.64	.47
2	DISCHARGE CFS		7400.	5414.	1161.	825.
4.	VELOCITY FPS		1.23	.97	2.14	.89
3	DISCHARGE CFS		10900.	8253.	1304.	1343.
5.	VELOCITY FPS		1.14	.98	1.94	.93
4	DISCHARGE CFS		14100.	10835.	1465.	1795.
7.	VELOCITY FPS		1.14	1.02	1.91	.97
S	DISCHARGE CFS		23730.	18657.	1871.	3203.
12.	VELOCITY FPS		1.05	.99	1.66	.93
1	ELEV	980.6 KD	40931.	16069.	24715.	147.
2	ELEV	986.0 KD	384091.	280752.	60706.	42633.
3	ELEV	989.0 KD	719656.	544811.	86233.	88612.
4	ELEV	991.2 KD	1035417.	795773.	107882.	131762.
S	ELEV	999.5 KD	2584671.	2032036.	203836.	348799.

KD TABLE FOR CROSS SECTION 1

ELEVATION	AREA	KD	KD BY SEGMENT		
970.90	0.				
971.	0.	4.	1.	3.	1.
972.	17.	302.	1.	300.	1.
973.	42.	1267.	1.	1265.	1.
974.	70.	2760.	1.	2758.	1.
975.	101.	4748.	1.	4746.	1.
976.	134.	7183.	1.	7181.	1.
977.	169.	10058.	1.	10056.	1.
978.	206.	13373.	1.	13371.	1.
979.	330.	17853.	342.	17143.	1.
980.	804.	23690.	2847.	21133.	2.
981.	1584.	51698.	23958.	26571.	861.
982.	2691.	89607.	52500.	32260.	4638.
983.	3674.	144787.	94691.	38712.	11243.
984.	4708.	213002.	149262.	45828.	17929.
985.	5920.	293210.	209563.	52979.	30414.
986.	7068.	385108.	281389.	60773.	42743.
987.	8230.	487883.	361981.	68883.	56762.
988.	9407.	601230.	451172.	77835.	72340.
989.	10596.	725896.	549719.	86665.	89471.
990.	11795.	860414.	656448.	96079.	107783.
991.	12998.	1005719.	772275.	108691.	127677.
992.	14205.	1160948.	895773.	118070.	149050.
993.	15420.	1323679.	1025472.	126644.	171518.
994.	16640.	1494945.	1162037.	137560.	195282.
995.	17863.	1676329.	1306863.	148857.	220596.
996.	19098.	1867553.	1458189.	160432.	248856.
997.	20333.	2059924.	1612911.	172467.	274511.
998.	21576.	2264968.	1776674.	184802.	303484.
999.	22828.	2476476.	1941556.	197456.	333430.
1000.	24083.	2698426.	2122702.	210459.	365041.
1001.	25343.	2931182.	2308892.	223782.	398472.
1002.	26602.	3167696.	2497942.	237383.	432252.
1003.	27862.	3406737.	2689026.	251296.	466134.
1004.	29122.	3655543.	2888134.	268474.	501503.
1005.	30382.	3914511.	3095503.	280036.	538393.

RATING TABLE FOR SECTION 27 DA=2000.0

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSN	CRIT ELEV	FRICTION SLOPE
0	976.6	0.0	0.0						
ZERO DAMG	984.5	410.9	1768.6	.00	3.69	.00			
*****WARNING-BANKFULL OR ZERO DAMAGE ELEV BELOW FIRST PROFILE. FLOW INTERPOLATED LINEARLY FROM CHANNEL BOTTOM*****									
BANK FULL	985.0	604.0	1880.5	24.80	3.72	.00			
*****WARNING-BANKFULL OR ZERO DAMAGE ELEV BELOW FIRST PROFILE. FLOW INTERPOLATED LINEARLY FROM CHANNEL BOTTOM*****									
1	985.5	852.7	2000.0	26.38	3.76	.00	1.00	980.8	.00209
2	987.6	3239.8	7400.0	30.16	3.76	.00	3.70	982.8	.00143
3	991.7	4567.8	10900.0	31.55	3.76	.00	5.45	986.9	.00114
4	993.5	5741.9	14100.0	32.38	3.76	.00	7.05	988.7	.00096
5	1000.5	10611.7	23730.0	36.59	3.76	.00	11.87	995.8	.00043

SEGMENT TABLE FOR SECTION 27

CSN		TOTAL	SEG NO 1 D	2 C	3 D
1	DISCHARGE CFS	2000.	250.	1750.	0.
1.	VELOCITY FPS	3.47	1.66	3.87	.00
2	DISCHARGE CFS	7400.	4383.	2998.	20.
4.	VELOCITY FPS	2.95	1.76	4.08	1.02
3	DISCHARGE CFS	10900.	7282.	3570.	48.
5.	VELOCITY FPS	2.87	1.88	4.09	1.17
4	DISCHARGE CFS	14100.	9851.	4065.	83.
7.	VELOCITY FPS	2.84	2.12	4.10	1.26
5	DISCHARGE CFS	23730.	18338.	5128.	264.
12.	VELOCITY FPS	2.45	2.05	3.54	1.18

1	ELEV 985.5	KD	42280.	3932.	38356.	2.
2	ELEV 987.6	KD	195433.	115240.	79691.	502.
3	ELEV 991.7	KD	322455.	214957.	106098.	1398.
4	ELEV 993.5	KD	454367.	320976.	131118.	2872.
5	ELEV 1000.5	KD	1141493.	882045.	246754.	12693.

KD TABLE FOR CROSS SECTION 27

ELEVATION	AREA	KD	KD BY SEGMENT		
976.60	0.				
977.	4.	34.	1.	32.	1.
978.	45.	930.	1.	952.	1.
979.	94.	3182.	1.	3180.	1.
980.	145.	6356.	1.	6334.	1.
981.	199.	10333.	1.	10331.	1.
982.	258.	15104.	1.	15102.	1.
983.	314.	20021.	1.	20619.	1.
984.	377.	26880.	2.	26856.	1.
985.	604.	36074.	1.0.	34023.	1.
986.	1116.	54152.	10265.	42478.	7.
987.	1700.	83652.	30874.	52001.	53.
988.	2295.	121728.	58851.	62273.	163.
989.	2900.	167252.	93957.	73278.	268.
990.	3515.	220128.	134338.	84995.	648.
991.	4139.	279719.	181262.	97398.	1059.
992.	4776.	345015.	232860.	110443.	1593.
993.	5422.	416643.	290086.	124144.	2274.
994.	6079.	494248.	352500.	138478.	3112.
995	6744.	578226.	420585.	153449.	4132.
996.	7420.	667596.	493186.	169017.	5328.
997.	8108.	762425.	570433.	185172.	6716.
998.	8804.	863162.	652905.	201925.	8283.
999.	9509.	969667.	740407.	219263.	9997.
1000.	10233.	1080505.	831573.	237135.	11713.
1001.	10963.	1198811.	927403.	255587.	13747.
1002.	11705.	1324925.	1034030.	274588.	16231.
1003.	12456.	1457764.	1144353.	294116.	19185.
1004.	13212.	1597370.	1260535.	314196.	22594.
1005.	13978.	1741987.	1380558.	334788.	26526.
1006.	14751.	1892093.	1505622.	355961.	30980.
1007.	15528.	2048178.	1634581.	377539.	36002.
1008.	16316.	2209032.	1767637.	399668.	41595.
1009.	17107.	2376244.	1906087.	422324.	47831.
1010.	17906.	2550634.	2049149.	445448.	55833.
1011.	18706.	2730538.	2196848.	469063.	64417.
1012.	19506.	2916792.	2344596.	493063.	71987.
1013.	20306.	3087422.	2497748.	517572.	80154.
1014.	21106.	3290480.	2658352.	542585.	89012.

Stewarts and Pauls Creek

FILENAME = (WRS/FS2) Date: 3/ 4/88 Time: 11:31:46

WSP2	20						1
TITLE	STEWARTS & PAULS CREEK						2
TITLE	STEWARTS CREEK 02-28-83						3
DISCHARGE	187.57	1.41	1.58	2.78	3.91	5.50	4
DISCHARGE	187.57	7.73	10.87	15.28	21.48	30.20	5
DISCHARGE	187.57	42.47	59.72	83.96	118.06	166.00	5A
STARTE	155	965.13	965.79	966.55	967.41	968.43	6
STARTE	155	969.60	970.91	972.42	974.19	976.31	7
STARTE	155	978.82	981.78	985.29	989.41	993.81	
TRIB	43	48					8
OUTPUT	RSK						9
REACH	155	187.57	0	0	0	0	10
REACH	165	187.51	1330	1330			11
REACH	145	187.23	2000	2000			12
REACH A	23 —	76.25	1680	1680	600	600	13
REACH B	71 —	76.22	720	720	820	920	14
ROAD	RR	2.7	200	100			15
REACH C	73	76.22	180	80	80	180	16
REACH D	24	76.13	960	880	960	1040	17
ROAD	SR2000	2.7	120	120			18
REACH E	26	76.13	100	80	80	100	19
REACH F	1 —	75.80	1920	1800	1800	1920	20
REACH G	27	75.63	2520	2400	2400	2520	21
REACH H	2	75.47	2680	2240	2240	2240	22
REACH I	28	74.85	3040	2720	2770	3190	23
ROAD	SR2258	2.7	180	180			24
REACH J	30	74.85	160	160	160	160	25
REACH K	74	74.48	1600	1600	2260	2260	26
ROAD	US601	2.7	760	760			27
REACH L	76	74.48	110	110	110	110	28
REACH M	3	71.95	330	330	330	330	29
REACH N	4	71.67	2000	1900	1900	2000	30
REACH O	31 —	71.32	2360	2120	2120	2360	31
REACH P	32	68.45	2140	2000	2000	2140	32
REACH Q	5	68.34	1480	1480	1480	1480	33
REACH R	33	68.29	1200	1200	1200	1200	34
REACH S	6 —	66.53	1760	1760	1760	1760	35
REACH T	34	66.25	3600	3500	3500	3600	36
REACH U	7	65.94	1980	1980	1980	1980	37
REACH V	35	65.68	1950	1900	1950	2000	38
ROAD	SR1350	2.7	100	100			39
REACH W	37	65.68	100	100	50	50	40
REACH X	38	64.50	2300	2240	2240	2300	41
REACH Y	8	64.27	2800	2750	2750	2800	42
REACH Z	39	64.19	1800	1800	1800	1800	43
REACH AA	40	63.80	980	980	980	980	44
REACH AB	41	62.82	1600	1600	1650	1650	45
ROAD	NC89	2.7	110	110			46
REACH AC	43 —	62.82	190	190	140	140	47
REACH AD	44	33.89	800	780	780	800	48
REACH AE	9	33.84	700	680	680	700	49
REACH AF	45 —	33.76	1000	950	950	1000	50
REACH AG	10	31.62	2105	2080	2080	2105	51
REACH AH	46	31.52	1720	1670	1670	1720	52
REACH AI	11	25.81	2600	2550	2550	2600	53
REACH AJ	47	25.60	1480	1480	1480	1480	54
REACH AK	12 —	25.55	1200	1200	1200	1200	55
REACH AL	48	25.50	1040	1040	1040	1040	56
REACH AM	13	24.98	1600	1480	1480	1600	57
REACH AN	49	24.85	1400	1400	1400	1400	58

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REACH AO    14          24.62   1400    1360    1360    1400    59
REACH AP    50          24.46   2400    2320    2320    2400    60
ROAD        SR1622      2.7     110     110                     61
REACH AQ    150         24.46   100     100     100     100     62
REACH AR    15          23.86   2160    2160    2160    2160    63
REACH AS    51          23.66   1160    1160    1160    1160    64
REACH AT    52          20.16   2200    2160    2160    2200    65
REACH AU    53          17.82   1720    1650    1650    1720    66
REACH AV    16          17.64   1560    1560    1560    1560    67
REACH AW    54          17.41   2000    1920    1920    2000    68
REACH AX    17          17.09   1760    1760    1760    1760    69
REACH AY    55          16.76   1600    1480    1480    1600    70
ROAD        SR1602      2.7     50      50                      71
REACH AZ    57          16.76   100     100     75      75      72
REACH BA    58          16.21   1040    1040    1040    1040    73
ROAD        I77         2.7     100     100                     74
REACH BB    158         16.21   100     100                     75
REACH BC    59          16.08   1360    1360    1360    1360    76
REACH BD    60          15.85   1840    1800    1800    1840    77
REACH       STR1A       15.56   1680    1680    1680    1680    78
REACH BE    61          28.86   320     320                     79
ROAD        SR1621      2.7     90      90                      80
REACH BF    63          28.86   120     120     80      80      81
REACH BG    18          28.58   1840    1840    1840    1840    82
REACH BH    64          28.38   2880    2880    2880    2880    83
REACH BI    19          28.21   2360    2360    2360    2360    84
REACH BJ    65          27.53   1400    1400    1400    1400    85
REACH BK    20          27.31   2000    2000    2000    2000    86
REACH BL    66          27.21   1200    1200    1200    1200    87
REACH BM    67          26.99   1880    1880    1880    1880    88
ROAD        SR1624      2.7     100     100                     89
REACH BN    69          26.99   100     100     50      50      90
REACH BO    21          26.82   1480    1400    1400    1480    91
REACH BP    22          22.09   3800    3760    3760    3800    92
REACH BQ    23P         21.78   3680    3680    3680    3680    93
REACH BR    24P         21.40   2560    2560    2560    2560    94
REACH       STR11B      21.11   2480    2480    2480    2480    95
SECTION     155                                                 96
            -30         990     0       981.7   35      970.4   97
            170         966.2   200     962.9   280     961.1   98
            291         968.6   440     981.7   540     990     99
ENDTABLE                                                        99A
SEGMENT     155         1       D       170                     100
NVALUE      .10                                                 101
SEGMENT     155         2       C       291                     102
NVALUE      .05                                                 103
SEGMENT     155         3       D       540                     104
NVALUE      .10                                                 105
SECTION     165                                                 106
            -30         990     0       982.2   15      974.1   107
            45          972.7   50      962.8   160     962.3   108
            170         971.2   210     972.3   250     982.2   109
            300         990                                     110
ENDTABLE                                                        111
SEGMENT     165         1       D       45                      112
NVALUE      .10                                                 113
SEGMENT     165         2       C       170                     114
NVALUE      .05                                                 115
SEGMENT     165         3       D       300                     116
NVALUE      .10                                                 117
SECTION     145                                                 118
            -10         990     0       987.1   85      975.6   119
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                770       975.1     790       958.7     900       959.2     120
                915       972       940       987.1     950       990       121
   ENDTABLE                                                                  122
   SEGMENT      145       1         D         770                           123
   NVALUE       .10                                                         124
   SEGMENT      145       2         C         915                           125
   NVALUE       .05                                                         126
   SEGMENT      145       3         D         950                           127
   NVALUE       .10                                                         128
   SECTION      23                                                          129
                2645      1000      2665      988       2685      977.2     130
                2720      977.9     2735      964       2785      964.1     131
                2800      979.3     2955      979.8     3000      988       132
                3065      1000                                              133
   ENDTABLE                                                                  134
   SEGMENT      23        1         D         2720                          135
   NVALUE       .10                                                         136
   SEGMENT      23        2         C         2800                          137
   NVALUE       .065                                                        138
   SEGMENT      23        3         D         3065                          139
   NVALUE       .10                                                         140
   SECTION      71                                                          141
                -30       1000      0         991.4     55        973       142
                65        965.1     110       963.8     125       979.6     143
                170       978.5     195       994       205       1000      144
   ENDTABLE                                                                  145
   SEGMENT      71        1         D         55                            146
   NVALUE       .10                                                         147
   SEGMENT      71        2         C         125                           148
   NVALUE       .065                                                        149
   SEGMENT      71        3         D         205                           150
   NVALUE       .10                                                         151
   SECTION      RR                                                          152
                0         1020.8    1260      1000.4    1260      990.8     153
                1300      975.3     1387      974.3     1392      963.2     154
                1437      962.3     1442      965.5     1530      978.4     155
                1570      999.6     1570      1006.5    2300      1020.8    156
   ENDTABLE                                                                  157
   BPR          RR        A         3         5                             158
   PIER         975.3     7         962.3     2         978.4     4         159
   GIRDER       1004.7    998.5     0         .6        2.7                 160
                1260      1000.     1260      998.5     1570      1004.6    161
                1570      1006.5                                            162
   ENDTABLE                                                                  163
   SECTION      73                                                          164
                -12       1000      0         996.6     60        977.2     165
                278       980.4     284       965.7     340       964.6     166
                350       980.1     415       978.2     504       1000      167
   ENDTABLE                                                                  168
   SEGMENT      73        1         D         278                           169
   NVALUE       .10                                                         170
   SEGMENT      73        2         C         350                           171
   NVALUE       .065                                                        172
   SEGMENT      73        3         D         504                           173
   NVALUE       .10                                                         174
   SECTION      24                                                          175
                0         999.3     25        987.8     50        982       176
                130       978.7     140       966.3     200       966.3     177
                210       979.1     345       980.9     440       990.5     178
                530       1000                                              179
   ENDTABLE                                                                  180
   SEGMENT      24        1         D         130                           181
```

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NVALUE    .10
SEGMENT   24        2         C         210                                    182
NVALUE    .065                                                                 183
SEGMENT   24        3         D         530                                    184
NVALUE    .10                                                                  185
SECTION   SR2000                                                               186
          0         1006.3    280       997.3     435       999.4            187
          435       994.5     480       965.3     527       965.2            188
          539       977.7     570       979.      615       991.8            189
          615       996.7     890       1006.3                               190
ENDTABLE                                                                       191
BPR       SR2000    A         3         4                                      192
PIER      965.3     4         979       2                                      193
GIRDER    994.6     991.8     0         .6        2.7                          194
          435       999.4     435       994.5     615       991.8            195
          615       996.7                                                    196
ENDTABLE                                                                       197
SECTION   26                                                                   198
          -10       1000      0         999.1     90        996.4            199
          115       990.9     175       991.3     190       984.7            200
          240       979.8     255       966.2     325       966.2            201
          335       978.5     365       979.2     385       988.6            202
          415       1000                                                     203
ENDTABLE                                                                       204
SEGMENT   26        1         D         240                                    205
NVALUE    .10                                                                  206
SEGMENT   26        2         C         335                                    207
NVALUE    .065                                                                 208
SEGMENT   26        3         D         415                                    209
NVALUE    .10                                                                  210
SECTION   1                                                                    211
          0         1000      25        994.5     48        988.5            212
          111       983.6     172       981.6     398       979.6            213
          450       979       504       978.5     641       978.8            214
          726       979.2     880       979.4     953       980.4            215
          984       981.4     1002      981.1     1014      981.6            216
          1016      979.9     1022      973.6     1027      971              217
          1030      970.9     1036      971.2     1042      971.5            218
          1048      971.5     1057      978.6     1059      981.6            219
          1086      981       1150      980.3     1205      980              220
          1224      980.5     1231      984.6     1260      1000             221
ENDTABLE                                                                       222
SEGMENT   1         1         D         1016                                   223
NVALUE    .10                                                                  224
SEGMENT   1         2         C         1059                                   225
NVALUE    .065                                                                 226
SEGMENT   1         3         D         1260                                   227
NVALUE    .10                                                                  228
SECTION   27                                                                   229
          2200      1010      2225      1001.2    2365      984.5            230
          2865      985.1     2870      977.5     2915      976.6            231
          2930      985       2955      998.7     3000      1009             232
ENDTABLE                                                                       233
SEGMENT   27        1         D         2865                                   234
NVALUE    .09                                                                  235
SEGMENT   27        2         C         2930                                   236
NVALUE    .065                                                                 237
SEGMENT   27        3         D         3000                                   238
NVALUE    .09                                                                  239
SECTION   2                                                                    240
          12        1005.6    15        993.5     35        986.5            250
          60        986       160       986       285       986.5            251
                                                                               252
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                450         587         650         987         905         988         253
                1020        987         1100        989         1105        981         254
                1110        979.3       1128        978         1140        980.8       255
                1148        988         1165        988         1295        984.8       256
                1390        984         1465        984.5       1478        988.2       257
                1500        1000                                                        258
ENDTABLE                                                                                259
SEGMENT         2           1           D           1100                                260
NVALUE          .08                                                                     261
SEGMENT         2           2           C           1148                                262
NVALUE          .065                                                                    263
SEGMENT         2           3           D           1500                                264
NVALUE          .08                                                                     265
SECTION         28                                                                      266
                -50         1020        0           1007.9      550         1003.4      267
                575         991.1       590         992.8       610         982.8       268
                670         981.3       680         992.8       720         998.9       269
                760         1002.4      865         1005.2      905         1007.9      270
                1025        1020                                                        271
ENDTABLE                                                                                272
SEGMENT         28          1           D           590                                 273
NVALUE          .08                                                                     274
SEGMENT         28          2           C           680                                 275
NVALUE          .065                                                                    276
SEGMENT         28          3           D           1025                                277
NVALUE          .08                                                                     278
SECTION         SR2258                                                                  279
                0           1010        260         1004.2      600         1003.9      280
                600         1001.5      620         993.2       637         993.4       281
                656         981         713         981.2       732         995.2       282
                750         1001.1      750         1003.5      1040        1010.1      283
ENDTABLE                                                                                284
BPR             SR2258      A           3           3                                   285
PIER            993.4       2           981         4           995.2       1           286
GIRDER          1001.6      1001.1      0           .6          2.7                     287
                600         1003.9      600         1001.5      750         1001.1      288
                750         1003.5                                                      288A
ENDTABLE                                                                                289
SECTION         30                                                                      290
                -15         1020        0           1007.8      5           1003.5      291
                45          1003.5      75          991.5       120         992.9       292
                130         983.8       165         984         175         989.9       293
                215         1000.6      335         1004.4      350         1000.6      294
                425         1007.8      555         1020                                295
ENDTABLE                                                                                296
SEGMENT         30          1           D           120                                 297
NVALUE          .08                                                                     298
SEGMENT         30          2           C           175                                 299
NVALUE          .065                                                                    300
SEGMENT         30          3           D           555                                 301
NVALUE          .08                                                                     302
SECTION         74                                                                      302A
                -10         1020        0           1007.7      70          995.8       303
                300         993.4       415         994.3       425         984.3       304
                468         984.6       475         994.6       765         992.2       305
                805         1007.1      838         1020                                306
ENDTABLE                                                                                307
SEGMENT         74          1           D           415                                 308
NVALUE          .07                                                                     309
SEGMENT         74          2           C           475                                 310
NVALUE          .065                                                                    311
SEGMENT         74          3           D           838                                 312
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NVALUE    .07
SECTION   US601
          0        1023.6   390      1012.7   390      1007.6
          405      996.8    450      990.9    456      984.6
          503      984.4    510      989      554      988
          569      1003.4   569      1010.1   1630     1023.6
ENDTABLE
BPR       US601    A        3        4
PIER      990.8    2        989      2
GIRDER    1008.3   1005.6   0        .6       2.7
          390      1012.7   390      1008.2   569      1005.6
          569      1010.1
ENDTABLE
SECTION   76
          -10      1020     0        1007.4   170      995.5
          410      993.9    775      995.8    780      987.7
          830      987.6    840      995.6    1430     992.6
          1460     1002.6   1500     1020
ENDTABLE
SEGMENT   76       1        D        775
NVALUE    .07
SEGMENT   76       2        C        840
NVALUE    .065
SEGMENT   76       3        D        1500
NVALUE    .07
SECTION   3
          55       1020     130      1012.2   210      1008.2
          300      1001     340      1005     450      996.2
          550      994.5    670      994.8    810      993.9
          910      993.8    1042     996.4    1050     994
          1060     994      1065     991      1070     988
          1110     988.5    1112     989      1116     994.5
          1135     995      1170     994      1220     996
          1270     1008.5   1330     1020
ENDTABLE
SEGMENT   3        1        D        1060
NVALUE    .07
SEGMENT   3        2        C        1116
NVALUE    .06
SEGMENT   3        3        D        1330
NVALUE    .07
SECTION   4
          0        1020     90       1007.2   190      999.5
          250      998.8    305      999.5    365      997.3
          600      1000     850      998      1100     998
          1180     996.5    1250     997.9    1405     998.5
          1440     998.5    1450     993.2    1460     992.5
          1498     998.9    1510     999.4    1550     998.5
          1620     998.5    1775     997      1800     1010.5
          1830     1020
ENDTABLE
SEGMENT   4        1        D        1440
NVALUE    .07
SEGMENT   4        2        C        1498
NVALUE    .06
SEGMENT   4        3        D        1830
NVALUE    .07
SECTION   31
          0        1019.8   65       1005.5   1025     1002.7
          1110     1003.6   1125     996.3    1170     995.3
          1175     1005.9   1200     1002.5   1475     1004.6
          1520     1019.6
```

ENDTABLE							384
SEGMENT	31	1	D	1110			385
NVALUE	.07						386
SEGMENT	31	2	C	1175			387
NVALUE	.06						388
SEGMENT	31	3	D	1520			389
NVALUE	.07						390
SECTION	32						391
	0	1019.5	20	1015.1	40	1006	392
	100	1004.7	1030	1006.2	1035	995.7	393
	1080	997.3	1090	1005.6	1295	1009.5	394
	1310	1024.5					395
ENDTABLE							396
SEGMENT	32	1	D	1030			397
NVALUE	.07						398
SEGMENT	32	2	C	1090			399
NVALUE	.06						400
SEGMENT	32	3	D	1310			401
NVALUE	.07						402
SECTION	5						403
	0	1024.2	365	1018.3	580	1015.7	404
	590	101[illegible].2	665	1017.5	760	1013.5	405
	925	1011.5	980	1007.8	1140	1008.8	406
	1310	1008.5	1470	1009	1690	1008.5	407
	1700	1011.5	1760	1000	1785	1010.5	408
	1820	1024					409
ENDTABLE							410
SEGMENT	5	1	D	1700			420
NVALUE	.065						420A
SEGMENT	5	2	C	1785			421
NVALUE	.06						422
SEGMENT	5	3	D	1820			423
NVALUE	.07						424
SECTION	33						425
	0	1030	60	1023	560	1008.8	426
	605	1008.2	710	1010.3	730	1003.1	427
	760	1000.8	780	1018	790	1018.7	428
	800	1023	815	1030			429
ENDTABLE							430
SEGMENT	33	1	D	710			431
NVALUE	.065						432
SEGMENT	33	2	C	780			433
NVALUE	.06						434
SEGMENT	33	3	D	815			435
NVALUE	.07						436
SECTION	6						437
	70	1030	90	1022.5	360	1016	438
	490	1016	715	1016	985	1014.2	439
	1035	1015.1	1050	1018.5	1055	1008.5	440
	1060	1005.5	1100	1005	1110	1007.5	441
	1115	1014.5	1120	1016	1215	1014.5	442
	1470	1014.5	1980	1014.5	2080	1016.8	443
	2280	1017	2370	1024	2400	1030	444
ENDTABLE							445
SEGMENT	6	1	D	1050			446
NVALUE	.065						447
SEGMENT	6	2	C	1115			448
NVALUE	.06						449
SEGMENT	6	3	D	2400			450
NVALUE	.065						451
SECTION	34						452
	0	1045	10	1042.1	60	1025.9	453

```
                360         1025.9      605         1021.6      740         1022.6      454
                755         1014.8      800         1014.2      810         1023.2      455
                880         1023.2      900         1030.6      940         1045.6      456
ENDTABLE                                                                                457
SEGMENT         34          1           D           740                                 458
NVALUE          .065                                                                    459
SEGMENT         34          2           C           810                                 460
NVALUE          .06                                                                     461
SEGMENT         34          3           D           940                                 462
NVALUE          .065                                                                    463
SECTION         7                                                                       464
                170         1043.5      240         1038.5      320         1036.5      465
                495         1029.5      740         1028.5      1070        1028        466
                1230        1030        1350        1029.5      1400        1025        467
                1480        1026.5      1590        1029        1600        1017        468
                1650        1016        1654        1027.5      1690        1028.6      469
                1850        1025        2060        1025        2250        1029.5      470
                2310        1033.5      2350        1038        2400        1051.5      480
ENDTABLE                                                                                490
SEGMENT         7           1           D           1590                                491
NVALUE          .065                                                                    492
SEGMENT         7           2           C           1654                                493
NVALUE          .06                                                                     494
SEGMENT         7           3           D           2400                                495
NVALUE          .065                                                                    496
SECTION         35                                                                      497
                -10         1050        0           1045.8      5           1041.2      498
                35          1041.7      80          1026.4      95          1028.4      499
                115         1020.4      155         1020.3      165         1031.3      500
                205         1042.5      335         1045.8      350         1050        501
ENDTABLE                                                                                502
SEGMENT         35          1           D           95                                  503
NVALUE          .08                                                                     504
SEGMENT         35          2           C           165                                 505
NVALUE          .07                                                                     506
SEGMENT         35          3           D           350                                 507
NVALUE          .08                                                                     508
SECTION         SR1350                                                                  509
                0           1050        205         1042.7      205         1039        510
                225         1026.4      255         1026.4      260         1020.8      511
                310         1020.2      360         1039        360         1042.7      512
                500         1044.6      670         1054                                513
ENDTABLE                                                                                514
BPR             SR1350      1           3           4                                   515
PIER            1026.4      2           1020.2      2.                                  516
GIRDER          1039.8      1039.7      0           .6          2.7                     517
                205         1042.7      205         1039.7      360         1039.7      518
                360         1042.7                                                      519
ENDTABLE                                                                                520
SECTION         37                                                                      521
                -100        1050        0           1040        50          1036.9      522
                200         1036        380         1029.7      460         1028.3      523
                470         1021.3      515         1021.2      525         1032.5      524
                530         1032.5      615         1038.8      650         1040.8      525
                655         1043.4      670         1050                                526
ENDTABLE                                                                                527
SEGMENT         37          1           D           460                                 528
NVALUE          .08                                                                     529
SEGMENT         37          2           C           525                                 530
NVALUE          .07                                                                     531
SEGMENT         37          3           D           670                                 532
NVALUE          .08                                                                     533
```

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SECTION   38                                                          534
          -10      1055      0       1053.5    5        1048.7        535
          80       1040.4    130     1041.5    150      1029.1        536
          185      1028      215     1053.5    216      1055          537
ENDTABLE                                                              538
SEGMENT   38       1         D       130                              539
NVALUE    .08                                                         540
SEGMENT   38       2         C       216                              541
NVALUE    .07                                                         542
SECTION   8                                                           543
          0        1055      12      1049.5    30       1045.5        544
          62       1042.8    82      1044      94       1043          546
          98       1033.8    110     1032      122      1031.8        547
          140      1034.5    146     1044.5    245      1041.8        548
          295      1042.5    485     1043.5    762      1043.5        549
          1158     1043.8    1260    1042.5    1340     1043.2        550
          1380     1047      1400    1055                             551
ENDTABLE                                                              552
SEGMENT   8        1         D       94                               553
NVALUE    .08                                                         554
SEGMENT   8        2         C       146                              555
NVALUE    .065                                                        556
SEGMENT   8        3         D       1400                             557
NVALUE    .08                                                         558
SECTION   39                                                          559
          0        1070      35      1058.3    195      1044.9        560
          660      1047      665     1038.0    715      1037.9        561
          720      1042.6    740     1046.8    840      1046.8        562
          860      1057.6    900     1076.2                           563
ENDTABLE                                                              564
SEGMENT   39       1         D       660                              565
NVALUE    .07                                                         566
SEGMENT   39       2         C       720                              567
NVALUE    .065                                                        568
SEGMENT   39       3         D       900                              569
NVALUE    .07                                                         570
SECTION   40                                                          571
          0        1070      15      1060.8    100      1045.5        572
          550      1047.7    560     1038.7    605      1039.7        573
          615      1044.8    655     1047.6    745      1047.8        574
          765      1053.6    800     1072.3                           575
ENDTABLE                                                              576
SEGMENT   40       1         D       550                              577
NVALUE    .07                                                         578
SEGMENT   40       2         C       615                              579
NVALUE    .065                                                        580
SEGMENT   40       3         D       800                              581
NVALUE    .07                                                         582
SECTION   41                                                          583
          -50      1070      0       1060.3    50       1050.4        584
          90       1047.9    110     1041.2    170      1040.2        585
          175      1047.3    200     1055.2    250      1058.5        586
          420      1070                                               586A
ENDTABLE                                                              587
SEGMENT   41       1         D       90                               588
NVALUE    .06                                                         589
SEGMENT   41       2         C       175                              590
NVALUE    .05                                                         591
SEGMENT   41       3         D       420                              592
NVALUE    .07                                                         593
SECTION   NC89                                                        594
          0        1072.6    410     1061.1    570      1061.4        595
```

SECTION	38						534
	-10	1055	0	1053.5	5	1048.7	535
	80	1040.4	130	1041.5	150	1029.1	536
	185	1028	215	1053.5	216	1055	537
ENDTABLE							538
SEGMENT	38	1	D	130			539
NVALUE	.08						540
SEGMENT	38	2	C	216			541
NVALUE	.07						542
SECTION	8						543
	0	1055	12	1049.5	30	1045.5	544
	62	1042.8	82	1044	94	1043	546
	98	1033.8	110	1032	122	1031.8	547
	140	1034.5	146	1044.5	245	1041.8	548
	295	1042.5	485	1043.5	762	1043.5	549
	1158	1043.8	1260	1042.5	1340	1043.2	550
	1380	1047	1400	1055			551
ENDTABLE							552
SEGMENT	8	1	D	94			553
NVALUE	.08						554
SEGMENT	8	2	C	146			555
NVALUE	.065						556
SEGMENT	8	3	D	1400			557
NVALUE	.08						558
SECTION	39						559
	0	1070	35	1058.3	195	1044.9	560
	660	1047	665	1038.0	715	1037.9	561
	720	1042.6	740	1046.8	840	1046.8	562
	860	1057.6	900	1076.2			563
ENDTABLE							564
SEGMENT	39	1	D	660			565
NVALUE	.07						566
SEGMENT	39	2	C	720			567
NVALUE	.065						568
SEGMENT	39	3	D	900			569
NVALUE	.07						570
SECTION	40						571
	0	1070	15	1060.8	100	1045.5	572
	550	1047.7	560	1038.7	605	1039.7	573
	615	1044.8	655	1047.6	745	1047.8	574
	765	1053.6	800	1072.3			575
ENDTABLE							576
SEGMENT	40	1	D	550			577
NVALUE	.07						578
SEGMENT	40	2	C	615			579
NVALUE	.065						580
SEGMENT	40	3	D	800			581
NVALUE	.07						582
SECTION	41						583
	-50	1070	0	1060.3	50	1050.4	584
	90	1047.9	110	1041.2	170	1040.2	585
	175	1047.3	200	1055.2	250	1058.5	586
	420	1070					586A
ENDTABLE							587
SEGMENT	41	1	D	90			588
NVALUE	.06						589
SEGMENT	41	2	C	175			590
NVALUE	.05						591
SEGMENT	41	3	D	420			592
NVALUE	.07						593
SECTION	NC89						594
	0	1072.6	410	1061.1	570	1061.4	595

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                570         1045.5      616         1046        623         1039.3      596
                664         1040.1      709         1046        709         1061.3      597
                1130        1072.6                                                      597A
ENDTABLE                                                                                598
BPR             NC89        A           3           3                                   599
PIER            1046        2           1040.1      2                                   600
GIRDER          1057.6      1057.4      10          .6          2.7                     601
                570         1061.4      570         1057.5      709         1057.4      602
                709         1061.3                                                      603
ENDTABLE                                                                                604
SECTION         43                                                                      605
                0           1063.1      40          1061.7      60          1061.9      606
                70          1059.9      80          1053.7      165         1050.5      607
                235         1050.1      310         1048.4      313         1040.6      608
                365         1040.6      370         1049.8      450         1048.5      609
                560         1050.1      605         1067.1                              610
ENDTABLE                                                                                611
SEGMENT         43          1           D           310                                 612
NVALUE          .08                                                                     613
SEGMENT         43          2           C           370                                 614
NVALUE          .05                                                                     615
SEGMENT         43          3           D           605                                 616
NVALUE          .08                                                                     617
SECTION         44                                                                      618
                2410        1070        2420        1064.3      2435        1056.5      619
                2495        1055.5      2520        1043.5      2545        1045.1      620
                2555        1053.5      2895        1051.5      2980        1059.3      621
                3000        1064.3      3020        1070                                622
ENDTABLE                                                                                623
SEGMENT         44          1           D           2495                                624
NVALUE          .08                                                                     625
SEGMENT         44          2           C           2555                                626
NVALUE          .05                                                                     627
SEGMENT         44          3           D           3020                                628
NVALUE          .06                                                                     629
SECTION         9                                                                       630
                10          1064        45          1052.5      150         1052.5      631
                158         1047        182         1045        188         1047        632
                191         1054        200         1054.5      260         1052        633
                295         1051.8      625         1054.8      790         1054        634
                900         1052        1020        1052        1080        1054        635
                1300        1073                                                        636
ENDTABLE                                                                                637
SEGMENT         9           1           D           150                                 638
NVALUE          .08                                                                     639
SEGMENT         9           2           C           191                                 640
NVALUE          .06                                                                     641
SEGMENT         9           3           D           1300                                642
NVALUE          .065                                                                    643
SECTION         45                                                                      644
                0           1070.6      20          1057.8      435         1053.5      645
                445         1053.9      585         1053.6      960         1054.6      646
                975         1057        985         1045.9      1015        1047.4      647
                1030        1054.3      1135        1054.6      1235        1054.4      648
                1255        1070                                                        649
ENDTABLE                                                                                650
SEGMENT         45          1           D           975                                 651
NVALUE          .07                                                                     652
SEGMENT         45          2           C           1030                                653
NVALUE          .06                                                                     654
SEGMENT         45          3           D           1255                                655
NVALUE          .07                                                                     656
```

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                570         1045.5      616         1046        623         1039.3      596
                664         1040.1      709         1046        709         1061.3      597
                1130        1072.6                                                      597A
  ENDTABLE                                                                              598
  BPR           NC89        A           3           3                                   599
  PIER          1046        2           1040.1      2                                   600
  GIRDER        1057.6      1057.4      10          .6          2.7                     601
                570         1061.4      570         1057.5      709         1057.4      602
                709         1061.3                                                      603
  ENDTABLE                                                                              604
  SECTION       43                                                                      605
                0           1063.1      40          1061.7      60          1061.9      606
                70          1059.9      80          1053.7      165         1050.5      607
                235         1050.1      310         1048.4      313         1040.6      608
                365         1040.6      370         1049.8      450         1048.5      609
                560         1050.1      605         1067.1                              610
  ENDTABLE                                                                              611
  SEGMENT       43          1           D           310                                 612
  NVALUE        .08                                                                     613
  SEGMENT       43          2           C           370                                 614
  NVALUE        .05                                                                     615
  SEGMENT       43          3           D           605                                 616
  NVALUE        .08                                                                     617
  SECTION       44                                                                      618
                2410        1070        2420        1064.3      2435        1056.5      619
                2495        1055.5      2520        1043.5      2545        1045.1      620
                2555        1053.5      2895        1051.5      2980        1059.3      621
                3000        1064.3      3020        1070                                622
  ENDTABLE                                                                              623
  SEGMENT       44          1           D           2495                                624
  NVALUE        .08                                                                     625
  SEGMENT       44          2           C           2555                                626
  NVALUE        .05                                                                     627
  SEGMENT       44          3           D           3020                                628
  NVALUE        .06                                                                     629
  SECTION       9                                                                       630
                10          1064        45          1052.5      150         1052.5      631
                158         1047        182         1045        188         1047        632
                191         1054        200         1054.5      260         1052        633
                295         1051.8      625         1054.8      790         1054        634
                900         1052        1020        1052        1080        1054        635
                1300        1073                                                        636
  ENDTABLE                                                                              637
  SEGMENT       9           1           D           150                                 638
  NVALUE        .08                                                                     639
  SEGMENT       9           2           C           191                                 640
  NVALUE        .06                                                                     641
  SEGMENT       9           3           D           1300                                642
  NVALUE        .065                                                                    643
  SECTION       45                                                                      644
                0           1070.6      20          1057.8      435         1053.5      645
                445         1053.9      585         1053.6      960         1054.6      646
                975         1057        985         1045.9      1015        1047.4      647
                1030        1054.3      1135        1054.6      1235        1054.4      648
                1255        1070                                                        649
  ENDTABLE                                                                              650
  SEGMENT       45          1           D           975                                 651
  NVALUE        .07                                                                     652
  SEGMENT       45          2           C           1030                                653
  NVALUE        .06                                                                     654
  SEGMENT       45          3           D           1255                                655
  NVALUE        .07                                                                     656
```

```
SECTION   10
          0       1076     30      1072.2   130     1067
          240     1064     350     1064.5   525     1061.5
          530     1054.2   565     1055.2   567     1062.3
          1270    1063     1375    1066     1400    1077
ENDTABLE
SEGMENT   10      1        D       525
NVALUE    .065
SEGMENT   10      2        C       567
NVALUE    .06
SEGMENT   10      3        D       1400
NVALUE    .065
SECTION   46
          -10     1090     0       1079.9   25      1070.8
          110     1065.4   135     1066.1   140     1059.6
          185     1058.7   190     1066     360     1066.1
          380     1079.9   395     1090
ENDTABLE
SEGMENT   46      1        D       135
NVALUE    .065
SEGMENT   46      2        C       190
NVALUE    .06
SEGMENT   46      3        D       395
NVALUE    .065
SECTION   11
          120     1107.2   380     1078.5   382     1075.5
          390     1069.7   420     1068.2   426     1077.2
          460     1075.2   570     1077.2   650     1075.2
          930     1079.3   1180    1077.2   1660    1080.2
          1880    1078.8   1940    1080.3   1950    1088.2
          2000    1107.2
ENDTABLE
SEGMENT   11      1        D       380
NVALUE    .06
SEGMENT   11      2        C       426
NVALUE    .055
SEGMENT   11      3        D       2000
NVALUE    .06
SECTION   47
          -25     1100     0       1094.2   60      1081.8
          235     1081.5   455     1080.9   495     1081.5
          515     1074.1   540     1074.5   549     1080.4
          630     1079.9   655     1094.8   665     1100
ENDTABLE
SEGMENT   47      1        D       495
NVALUE    .08
SEGMENT   47      2        C       549
NVALUE    .055
SEGMENT   47      3        D       665
NVALUE    .08
SECTION   12
          240     1101.3   500     1094.5   830     1087.8
          1120    1085.2   1270    1085.5   1450    1088
          1460    1085     1468    1079     1472    1078.5
          1490    1078.5   1500    1079     1508    1085
          1520    1084.5   1570    1084.5   1590    1086
          1600    1093     1690    1100
ENDTABLE
SEGMENT   12      1        D       1460
NVALUE    .06
SEGMENT   12      2        C       1508
NVALUE    .055
```

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SEGMENT   12        3         D         1690                                    719
NVALUE    .07                                                                   720
SECTION   48                                                                    721
          0         1114.7    75        1106.5    210       1099.2            722
          680       1090.5    785       1091.2    1060      1090.5            723
          1068      1082.5    1095      1083      1115      1090.9            724
          1500      1095.1    1520      1100.1    1540      1110.3            725
ENDTABLE                                                                        726
SEGMENT   48        1         D         1060                                    727
NVALUE    .06                                                                   728
SEGMENT   48        2         C         1115                                    729
NVALUE    .055                                                                  730
SEGMENT   48        3         D         1540                                    731
NVALUE    .06                                                                   732
COMPUTE   155       48        155                                               733
LINK                                                                            734
SECTION   13                                                                    735
          90        1116.6    110       1106.7    250       1100              736
          670       1095      820       1094      980       1093.6            737
          1277      1096.6    1285      1091.3    1318      1090              738
          1322      1096      1330      1097.6    1440      1097.6            739
          1920      1115.6                                                      740
ENDTABLE                                                                        741
SEGMENT   13        1         D         1277                                    742
NVALUE    .06                                                                   743
SEGMENT   13        2         C         1322                                    744
NVALUE    .055                                                                  745
SEGMENT   13        3         D         1920                                    746
NVALUE    .06                                                                   747
SECTION   49                                                                    748
          -10       1120      5         1108.8    20        1104.2            749
          525       1099.6    545       1095.8    580       1095.8            750
          615       1103.4    670       1100.1    730       1103.3            751
          760       1105.9    805       1113.4    820       1117.9            752
          830       1120                                                        753
ENDTABLE                                                                        754
SEGMENT   49        1         D         525                                     755
NVALUE    .06                                                                   756
SEGMENT   49        2         C         615                                     757
NVALUE    .055                                                                  758
SEGMENT   49        3         D         830                                     759
NVALUE    .06                                                                   760
SECTION   14                                                                    761
          -10       1130      145       1111.5    225       1110.9            762
          305       1109.5    418       1111.5    465       1111.5            763
          470       1110      475.      1107.5    478       1103.5            764
          480       1102      510       1103.5    518       1110              765
          540       1113.2    620       1113.6    685       1112.8            766
          775       1113      930       1117.8    1070      1130              767
ENDTABLE                                                                        768
SEGMENT   14        1         D         470                                     769
NVALUE    .06                                                                   770
SEGMENT   14        2         C         518                                     771
NVALUE    .055                                                                  772
SEGMENT   14        3         D         1070                                    773
NVALUE    .06                                                                   774
SECTION   50                                                                    775
          0         1136.4    25        1131.9    60        1128.5            776
          100       1116.7    105       1111.6    135       1111.8            777
          150       1120.6    520       1121.4    550       1136.4            778
ENDTABLE                                                                        779
SEGMENT   50        1         D         100                                     780
```

NVALUE	.08					
SEGMENT	50	2	C	150		
NVALUE	.06					
SEGMENT	50	3	D	550		
NVALUE	.08					
SECTION	SR1622					
	0	1142.7	120	1127.7	120	1124.6
	136	1117.2	146	1116.6	151	1112.2
	191	1110.9	196	1115.5	216	1117.7
	216	1125	600	1142.7		
ENDTABLE						
BPR	SR1622	A	3	3		
PIER	1116.6	1	1110.9	1		
GIRDER	1125.6	1122.8	20	.6	2.7	
	120	1127.7	120	1125.5	216	1122.8
	216	1125				
ENDTABLE						
SECTION	150					
	0	1135.8	45	1127.9	70	1117.5
	80	1116.6	83	1112.5	110	1112.1
	115	1116.8	350	1121.9	385	1135.8
ENDTABLE						
SEGMENT	150	1	D	80		
NVALUE	.08					
SEGMENT	150	2	C	115		
NVALUE	.065					
SEGMENT	150	3	D	385		
NVALUE	.08					
SECTION	15					
	0	1147	60	1142.5	70	1140.8
	85	1133	105	1131.5	215	1129.9
	290	1130.5	355	1130.5	405	1129.5
	560	1129.8	563	1124.5	572	1123.1
	585	1123.5	592	1124.5	594	1129
	655	1129	705	1128.5	750	1128.5
	795	1130.2	865	1137.5	900	1145.5
ENDTABLE						
SEGMENT	15	1	D	560		
NVALUE	.08					
SEGMENT	15	2	C	594		
NVALUE	.07					
SEGMENT	15	3	D	900		
NVALUE	.08					
SECTION	51					
	2725	1155	2745	1137.8	2780	1133.6
	2840	1133.8	2845	1127.2	2868	1127.5
	2875	1133.4	2895	1134.9	2945	1136.5
	2975	1140.4	3000	1149.5	3015	1155
ENDTABLE						
SEGMENT	51	1	D	2840		
NVALUE	.08					
SEGMENT	51	2	C	2875		
NVALUE	.07					
SEGMENT	51	3	D	3015		
NVALUE	.08					
SECTION	52					
	-10	1160	70	1143.4	105	1142.8
	115	1138.1	135	1137.3	140	1145.1
	175	1142.9	685	1144.5	770	1150.9
	795	1159.6				
ENDTABLE						
SEGMENT	52	1	D	105		

```
NVALUE    .08
SEGMENT   52      2        C        140
NVALUE    .065
SEGMENT   52      3        D        795
NVALUE    .08
SECTION   53
          0       1165.4   60       1160.7   200      1153.5
          310     1152.1   325      1152.3   340      1149.1
          365     1150.3   380      1149.3   385      1145.9
          405     1145     410      1150.5   625      1153.8
          645     1164.7
ENDTABLE
SEGMENT   53      1        D        380
NVALUE    .07
SEGMENT   53      2        C        410
NVALUE    .065
SEGMENT   53      3        D        645
NVALUE    .09
SECTION   16
          25      1178.5   55       1167.5   90       1164
          175     1164     260      1162     270      1161
          320     1160     335      1154.5   368      1156.7
          379     1163     405      1164     510      1165
          615     1166.8   770      1172.5   835      1174.2
          840     1178.5
ENDTABLE
SEGMENT   16      1        D        260
NVALUE    .07
SEGMENT   16      2        C        368
NVALUE    .065
SEGMENT   16      3        D        840
NVALUE    .07
SECTION   54
          0       1190     10       1185.6   20       1179
          145     1177.6   180      1176     290      1175.9
          305     1173.2   311      1169.3   330      1168.9
          340     1173.8   365      1174.9   615      1175.2
          940     1173.4   995      1177.3   1015     1182.1
          1040    1190
ENDTABLE
SEGMENT   54      1        D        305
NVALUE    .07
SEGMENT   54      2        C        340
NVALUE    .065
SEGMENT   54      3        D        1040
NVALUE    .07
SECTION   17
          0       1201     65       1197.2   350      1196.5
          550     1187     960      1188     1160     1186
          1182    1185     1222     1186     1225     1182
          1240    1179.5   1255     1179.5   1260     1180
          1263    1187     1285     1188     1355     1201
ENDTABLE
SEGMENT   17      1        D        1222
NVALUE    .06
SEGMENT   17      2        C        1263
NVALUE    .055
SEGMENT   17      3        D        1355
NVALUE    .06
SECTION   55
          -50     1210     0        1207.3   75       1202.5
          175     1195.4   270      1194.5   285      1187.9
```

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                317       1187.7    320       1194.2    760       1193.2    905
                785       1201.8    795       1206      805       1210      906
    ENDTABLE                                                                907
    SEGMENT     55        1         D         270                           908
    NVALUE      .06                                                         909
    SEGMENT     55        2         C         320                           910
    NVALUE      .055                                                        911
    SEGMENT     55        3         D         805                           912
    NVALUE      .06                                                         913
    SECTION     SR1602                                                      914
                0         1213.1    70        1208.7    310       1199.4    915
                310       1195.2    314       1189.2    339       1190.1    916
                350       1195.1    350       1198.8    790       1193.2    917
                1090      1212.5                                            918
    ENDTABLE                                                                919
    BPR         SR1602    A         3                                       920
    GIRDER      1197.3    1196.6    0         .6        2.7                 921
                310       1199.4    310       1197.2    350       1196.6    922
                350       1198.8                                            923
    ENDTABLE                                                                924
    SECTION     57                                                          925
                0         1211.6    70        1200.7    125       1197.1    926
                225       1196.8    230       1189.5    255       1189.7    927
                275       1195.6    875       1193.2    915       1193.1    928
                935       1200.9    945       1205.5    950       1211      929
    ENDTABLE                                                                930
    SEGMENT     57        1         D         225                           931
    NVALUE      .06                                                         932
    SEGMENT     57        2         C         275                           933
    NVALUE      .055                                                        934
    SEGMENT     57        3         D         950                           935
    NVALUE      .06                                                         936
    SECTION     58                                                          937
                2550      1235      2605      1223.3    2625      1219      938
                2640      1217.6    2795      1210.2    2895      1205.7    939
                2915      1203.6    2940      1203.2    2955      1206.1    940
                3105      1207.6    3245      1212.5    3285      1214.6    941
                3300      1219.5    3345      1235                          942
    ENDTABLE                                                                943
    SEGMENT     58        1         D         2895                          944
    NVALUE      .08                                                         945
    SEGMENT     58        2         C         2955                          946
    NVALUE      .055                                                        947
    SEGMENT     58        3         D         3345                          948
    NVALUE      .08                                                         949
    SECTION     I77                                                         950
                0         1250      1         1247.6    100       1247.6    951
                200       1247.6    201       1250                          952
    ENDTABLE                                                                953
    CULV1       I77       3         41111                                   954
    CULV2       14        12        425       1204.9    1203.6              955
    SECTION     158                                                         956
                2200      1250      2300      1234.1    2330      1229.2    957
                2440      1219.1    2670      1212.8    2695      1205.9    958
                2730      1206.1    2750      1212.6    2790      1214.6    959
                2800      1217      2950      1226.3    3000      1231.2    960
                3190      1250                                              961
    ENDTABLE                                                                962
    SEGMENT     158       1         D         2670                          963
    NVALUE      .08                                                         964
    SEGMENT     158       2         C         2750                          965
    NVALUE      .055                                                        966
```

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SEGMENT   158      3        D        3190
NVALUE    .08
SECTION   59
          -75      1250     0        1231.2   15       1226.9
          45       1216.6   55       1214.9   58       1212.8
          90       1212.4   92       1217.6   150      1219
          330      1223     440      1227     465      1233.3
          470      1237.5   482      1250
ENDTABLE
SEGMENT   59       1        D        55
NVALUE    .09
SEGMENT   59       2        C        92
NVALUE    .055
SEGMENT   59       3        D        482
NVALUE    .09
SECTION   60
          -55      1250     0        1244.5   35       1240.7
          155      1230.8   330      1225     385      1226.9
          435      1225.4   445      1223.9   452      1217.1
          493      1216.1   495      1219.1   515      1227
          525      1229.5   540      1235.8   545      1239.8
          555      1250
ENDTABLE
SEGMENT   60       1        D        445
NVALUE    .09
SEGMENT   60       2        C        495
NVALUE    .055
SEGMENT   60       3        D        555
NVALUE    .09
SECTION   STR1A
          2190     1260     2240     1240     2250     1234
          2270     1229     2275     1227     2290     1227
          2305     1228     2320     1229     2330     1230
          2400     1266
ENDTABLE
SEGMENT   STR1A    1        D        2270
NVALUE    .09
SEGMENT   STR1A    2        C        2330
NVALUE    .055
SEGMENT   STR1A    3        D        2400
NVALUE    .09
SECTION   61
          -5       1070     0        1060.5   5        1053.2
          230      1051.5   310      1052.5   320      1041.9
          350      1040.8   360      1050.2   810      1053.2
          840      1068.5   845      1070
ENDTABLE
SEGMENT   61       1        D        310
NVALUE    .08
SEGMENT   61       2        C        360
NVALUE    .05
SEGMENT   61       3        D        845
NVALUE    .08
SECTION   SR1621
          0        1060.9   300      1061.1   300      1056.5
          311      1051.1   325      1051     330      1043.4
          366      1043.5   371      1049     405      1049.8
          416      1055.6   416      1061.1   595      1062.8
          650      1073.3
ENDTABLE
BPR       SR1621   A        3        3
PIER      1051     1        1049     1
```

```
GIRDER     1058.9    1058.8    0.        .6        2.7
           300       1061.1    300       1058.8    416       1058.8
           416       1061.1
ENDTABLE
SECTION    63
           -10       1070      0         1063.2    50        1063.9
           70        1052.1    200       1049.8    205       1041.9
           235       1042.3    248       1049.6    530       1051
           715       1062      740       1071.7
ENDTABLE
SEGMENT    63        1         D         200
NVALUE     .08
SEGMENT    63        2         C         248
NVALUE     .05
SEGMENT    63        3         D         740
NVALUE     .08
SECTION    18
           0         1072.8    60        1062.8    90        1054.8
           110       1049.8    115       1048      120       1047.8
           140       1050.2    145       1055      270       1056.3
           340       1058.8    900       1058      1210      1055
           1365      1058      1370      1059.8    1500      1067.8
           1510      1072.8
ENDTABLE
SEGMENT    18        1         D         90
NVALUE     .09
SEGMENT    18        2         C         145
NVALUE     .06
SEGMENT    18        3         D         1510
NVALUE     .07
SECTION    64
           -1        1079      0         1070.6    75        1059.3
           115       1058.4    135       1059.3    145       1053.8
           185       1052.9    190       1060.4    760       1064
           820       1079.3
ENDTABLE
SEGMENT    64        1         D         135
NVALUE     .07
SEGMENT    64        2         C         190
NVALUE     .06
SEGMENT    64        3         D         820
NVALUE     .09
SECTION    19
           0         1086.5    10        1080.8    30        1080
           78        1075.2    150       1073.5    200       1074.5
           206       1073.5    208       1068      210       1066.5
           225       1066.2    242       1068.2    250       1074.5
           450       1074.5    825       1076.5    965       1077.5
           1130      1080.5    1190      1083.5    1255      1084.5
           1400      1095.5
ENDTABLE
SEGMENT    19        1         D         206
NVALUE     .10
SEGMENT    19        2         C         250
NVALUE     .06
SEGMENT    19        3         D         1400
NVALUE     .08
SECTION    65
           0         1094.6    35        1082.1    155       1080.4
           720       1078.5    750       1080.2    755       1073.8
           775       1073.8    790       1079.7    865       1079.9
           1160      1083.6    1220      1088.3    1245      1092.4
```

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            1260        1095
ENDTABLE
SEGMENT     65          1           D           750
NVALUE      .10
SEGMENT     65          2           C           790
NVALUE      .06
SEGMENT     65          3           D           1260
NVALUE      .08
SECTION     20
            30          1106.5      230         1092        430         1086.5
            710         1088        970         1086        1130        1088.5
            1260        1089        1890        1087        1900        1082
            1910        1080.2      1930        1085        1970        1087
            1990        1088        2030        1108.9
ENDTABLE
SEGMENT     20          1           D           1890
NVALUE      .06
SEGMENT     20          2           C           1970
NVALUE      .055
SEGMENT     20          3           D           2030
NVALUE      .10
SECTION     66
            0           1117.1      140         1112.5      170         1103.3
            285         1097.1      295         1101.2      315         1090.7
            330         1091.3      340         1097        720         1097.2
            760         1111.8
ENDTABLE
SEGMENT     66          1           D           295
NVALUE      .06
SEGMENT     66          2           C           340
NVALUE      .055
SEGMENT     66          3           D           760
NVALUE      .10
SECTION     67
            0           1118.3      70          1113.6      180         1100.6
            190         1104.4      210         1103        215         1092.8
            250         1092.4      260         1099.1      525         1099.4
            550         1118.3
ENDTABLE
SEGMENT     67          1           D           210
NVALUE      .07
SEGMENT     67          2           C           260
NVALUE      .055
SEGMENT     67          3           D           550
NVALUE      .07
SECTION     SR1624
            0           1123        265         1110.4      265         1106.2
            300         1090.3      334         1092.4      339         1096.2
            369         1098.5      405         1105.4      405         1108.8
            565         1108        800         1113        935         1123
ENDTABLE
BPR         SR1624      A           3           4
PIER        1090.3      2           1092.4      2           1098.5      2
GIRDER      1107.9      1106.2      0           .6          2.7
            265         1110.4      265         1107.8      405         1106.2
            405         1108.8
ENDTABLE
SECTION     69
            -50         1120        135         1103.8      165         1098.1
            180         1091.9      200         1092.7      205         1098.2
            510         1102        540         1105.7      565         1106.5
            575         1115.9      580         1120
```

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ENDTABLE
SEGMENT   69        1         D         165
NVALUE    .07
SEGMENT   69        2         C         205
NVALUE    .055
SEGMENT   69        3         D         580
NVALUE    .06
SECTION   21
          75        1118.9    85        1115      190       1106.5
          265       1104.2    325       1103.5    370       1104.1
          505       1104.5    510       1098.2    515       1097.5
          535       1098      541       1103      555       1105.5
          585       1103.5    640       1103.5    680       1104.2
          760       1102.5    800       1103.5    825       1104
          840       1107      865       1118
ENDTABLE
SEGMENT   21        1         D         505
NVALUE    .065
SEGMENT   21        2         C         541
NVALUE    .055
SEGMENT   21        3         D         865
NVALUE    .075
SECTION   22
          50        1138.5    130       1127      360       1122.5
          375       1118.5    405       1116.5    450       1116.5
          460       1116.5    468       1111      472       1110
          490       1110.2    495       1111      497       1116
          550       1115      600       1117.2    760       1117.5
          865       1116.3    930       1118      1090      1138
ENDTABLE
SEGMENT   22        1         D         460
NVALUE    .06
SEGMENT   22        2         C         497
NVALUE    .055
SEGMENT   22        3         D         1090
NVALUE    .06
SECTION   23P
          155       1139      160       1137      175       1135
          315       1131.5    335       1131.5    345       1123.5
          355       1123.5    375       1125      380       1130
          420       1130.2    460       1131      650       1132
          880       1132      900       1130.9    1160      1131.2
          1420      1134      1460      1136      1485      1139
ENDTABLE
SEGMENT   23P       1         D         335
NVALUE    .06
SEGMENT   23P       2         C         380
NVALUE    .055
SEGMENT   23P       3         D         1485
NVALUE    .06
SECTION   24P
          80        1158      220       1146.5    380       1143
          615       1143.5    665       1144.5    685       1144
          700       1141.8    710       1137.5    735       1137.5
          755       1145.5    760       1144.5    795       1143.2
          935       1143.5    980       1144.5    1300      1159.5
ENDTABLE
SEGMENT   24P       1         D         685
NVALUE    .06
SEGMENT   24P       2         C         755
NVALUE    .055
SEGMENT   24P       3         D         1300
```

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NVALUE    .06
SECTION   STR11B
          1750      1177      1800      1158      1855      1153
          1870      1150      1900      1149.9    1910      1154
          1950      1170      1965      1177
ENDTABLE
SEGMENT   STR11B    1         D         1855
NVALUE    .06
SEGMENT   STR11B    2         C         1910
NVALUE    .055
SEGMENT   STR11B    3         D         1965
NVALUE    .06
COMPUTE   13        STR1A     48
TITLE     PAULS CREEK
COMPUTE   61        STR11B    43
ENDJOB
ENDRUN
WSP2      20
TITLE     LOVILLS CREEK
TITLE     LOVILLS CREEK 02-28-83
DISCHARGE 187.57    1.41      1.98      2.78      3.91      5.50
DISCHARGE 187.57    7.73      10.87     15.28     21.48     30.20
DISCHARGE 187.57    42.47     59.72     83.96     118.06    166.00
STARTS    115       .00027    .00027    .00027    .00027    .00027
STARTS    115       .00027    .00027
TRIB      21
OUTPUT    RSK
REACH     115       187.57    0         0         0         0
REACH     116       187.51    1330      1330      1330      1330
REACH     124       187.23    2000      2000      2000      2000
REACH     125       110.66    1830      1830      1830      1830
REACH     126       110.54    2400      2400      2400      2400
REACH     127       110.41    1240      1240      1240      1240
REACH     128       35.57     190       190
REACH2    127
ROAD      CARST     2.7       50        50
REACH     53        35.57     90        70        70        90
REACH     1         35.29     960       960       960       960
REACH     28        35.18     1145      980       980       1145
ROAD      US52      2.7       200       140
REACH     30        35.18     110       80        80        110
REACH     2         35.12     560       530       530       560
REACH     3         35.02     960       880       880       960
ROAD      US601     2.7       300       250
REACH     4         35.02     240       150       150       240
REACH     5         34.80     1000      920       920       1000
REACH     32        34.75     600       600       600       600
ROAD      SR1731    2.7       130       110
REACH     34        34.75     170       140       140       170
REACH     6         34.28     880       800       800       880
REACH     7         34.17     880       800       800       880
REACH     8         33.68     960       960       960       960
REACH     9         33.49     1160      1100      1100      1160
ROAD      NC89      2.7       250       240
REACH     36        33.49     200       140       140       200
REACH     10        33.36     710       600       600       710
REACH     37        33.29     400       400       400       400
ROAD      SR1670    2.7       310       250
REACH     11        33.29     340       300       300       340
REACH     39        33.19     720       720       720       720
REACH     12        32.93     400       400       400       400
REACH     40        32.79     800       710       710       800
```

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REACH      13      32.72    1280     1000     1000     1280     45
REACH      14      30.95    1600     1500     1500     1600     46
REACH      15      30.88    880      840      840      880      47
REACH      16      30.74    680      650      650      680      48
REACH      42      30.70    200      200      200      200      49
ROAD       US52BU  2.7      100      80                         50
REACH      44      30.70    100      80       80       100      51
REACH      17      30.61    320      320      320      320      52
REACH      18      30.45    1120     1100     1100     1120     53
REACH      45      30.09    1100     1100     1100     1100     54
REACH      19      29.90    1680     1680     1680     1680     55
REACH      20      29.50    1600     1520     1520     1600     56
REACH      46      29.43    1200     1200     1200     1200     57
REACH      21      29.02    1200     1200     1200     1200     58
REACH      47      27.94    1800     1200     1200     1800     59
REACH      22      27.67    570      570      570      570      60
REACH      48      27.22    800      800      800      800      61
ROAD       SR1700  2.7      60       60                         62
REACH      50      27.22    150      120      120      150      63
REACH      23      27.09    1000     1000     1000     1000     64
REACH      51      26.85    1080     1080     1080     1080     65
REACH      52      25.83    1200     1200     1200     1200     66
REACH      STR9A   25.82    1000     1000     1000     1000     67
REACH2     52      10                                           68
SECTION    115                                                  69
           -30     990      0        981.7    35       970.4    70
           170     966.2    200      962.9    280      961.7    71
           291     968.6    440      981.7    540      990      72
ENDTABLE                                                        73
SEGMENT    115     1        D        170                        74
NVALUE     .10                                                  75
SEGMENT    115     2        C        291                        76
NVALUE     .05                                                  77
SEGMENT    115     3        D        540                        78
NVALUE     .10                                                  79
SECTION    116                                                  80
           -30     990      0        982.2    15       974.1    81
           45      972.7    50       962.8    160      962.3    82
           170     971.2    210      972.3    250      982.2    83
           300     990                                          84
ENDTABLE                                                        85
SEGMENT    116     1        D        45                         86
NVALUE     .10                                                  87
SEGMENT    116     2        C        170                        88
NVALUE     .05                                                  89
SEGMENT    116     3        D        300                        90
NVALUE     .10                                                  91
SECTION    124                                                  92
           -10     990      0        987.1    85       975.6    93
           770     975.1    790      958.7    900      959.2    94
           915     972      940      987.1    950      990      95
ENDTABLE                                                        96
SEGMENT    124     1        D        770                        97
NVALUE     .10                                                  98
SEGMENT    124     2        C        915                        99
NVALUE     .05                                                  100
SEGMENT    124     3        D        950                        101
NVALUE     .10                                                  102
SECTION    125                                                  103
           2480    1000     2490     996.5    2520     980.4    104
           2720    979.9    2735     964.1    2790     963.9    105
           2795    977.9    2845     976.3    3000     991.2    106
```

```
          3050      1000
ENDTABLE
SEGMENT   125       1         D         2720
NVALUE    .10
SEGMENT   125       2         C         2795
NVALUE    .05
SEGMENT   125       3         D         3050
NVALUE    .10
SECTION   126
          2445      1000      2470      984.8     2485      975
          2560      975.9     2570      964.8     2655      964.7
          2670      980.3     2735      980.8     2800      986.7
          3000      993.7     3165      1000
ENDTABLE
SEGMENT   126       1         D         2560
NVALUE    .10
SEGMENT   126       2         C         2670
NVALUE    .05
SEGMENT   126       3         D         3165
NVALUE    .10
SECTION   127
          2300      1000      2360      993.7     2440      985.6
          2690      976.6     2710      969       2790      969
          2810      980.1     2900      984.3     2920      989
          3000      993.7     3110      1000
ENDTABLE
SEGMENT   127       1         D         2690
NVALUE    .10
SEGMENT   127       2         C         2810
NVALUE    .065
SEGMENT   127       3         D         3110
NVALUE    .10
SECTION   CARST
          0         997.3     445       990.1     650       991.1
          650       987.2     680       981.9     695       969
          740       969       750       982.7     784       986.7
          784       991.1     1100      990.1     1500      996
ENDTABLE
BPR       CARST     A         3         2
PIER      969       3
GIRDER    989.9     989.7     0         .6        2.7
          650       991.1     650       989.7     784       989.7
          784       991.1
ENDTABLE
SECTION   53
          0         1001.4    530       990.1     830       989.9
          850       983.9     870       969.7     925       969.7
          935       981.6     1020      981.5     1100      991.4
          1110      1000
ENDTABLE
SEGMENT   53        1         D         850
NVALUE    .045
SEGMENT   53        2         C         935
NVALUE    .065
SEGMENT   53        3         D         1110
NVALUE    .07
SECTION   1
          0         1000      140       981.5     200       980
          475       982.5     565       981.5     815       982.8
          825       976.8     838       975.8     845       976.8
          852       983       875       982.5     1035      980.5
          1065      982.5     1135      1000
```

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ENDTABLE                                                                169
SEGMENT    1        1        D        815                               170
NVALUE     .045                                                         171
SEGMENT    1        2        C        852                               172
NVALUE     .065                                                         173
SEGMENT    1        3        D        1135                              174
NVALUE     .06                                                          175
SECTION    28                                                           176
           0        1004     55       999.2     85        987.2         177
           280      984      290      974.6     355       974.6         178
           360      982.8    635      982.4     1095      989.8         179
           1180     1004                                                180
ENDTABLE                                                                181
SEGMENT    28       1        D        280                               182
NVALUE     .045                                                         183
SEGMENT    28       2        C        360                               184
NVALUE     .065                                                         185
SEGMENT    28       3        D        1180                              186
NVALUE     .06                                                          187
SECTION    US52                                                         188
           0        1015.3   565      1001.2    565       996.7         189
           592      985.8    664      984.2     670       974.3         190
           723      974.3    729      984.5     796       983.1         191
           824      996      824      1000.5    1300      1000.5        192
           1310     1015.3                                              193
ENDTABLE                                                                194
BPR        US52     A        3        3                                 195
PIER       985      5        974.3    5                                 196
GIRDER     998.1    997.3    20       .6        2.7                     197
           565      1001.2   565      998       824       997.3         197A
           824      1000.5                                              198
ENDTABLE                                                                199
SECTION    30                                                           200
           0        1000     5        991       38        984.5         201
           275      980.5    578      981.8     605       982.2         202
           610      977.5    615      975.5     625       975.5         203
           635      977.5    645      982.5     775       980.5         204
           790      983.5    805      993.5     825       1000          205
ENDTABLE                                                                206
SEGMENT    30       1        D        605                               207
NVALUE     .045                                                         208
SEGMENT    30       2        C        645                               209
NVALUE     .065                                                         210
SEGMENT    30       3        D        825                               211
NVALUE     .10                                                          212
SECTION    2                                                            213
           0        1000     35       989.5     275       985.5         214
           575      986.5    605      987       610       982.5         215
           615      980.5    625      930.5     635       982.5         216
           645      987.5    775      985.5     785       988.5         217
           805      998.5    825      999.5                              218
ENDTABLE                                                                219
SEGMENT    2        1        D        605                               220
NVALUE     .06                                                          221
SEGMENT    2        2        C        645                               222
NVALUE     .065                                                         223
SEGMENT    2        3        D        825                               224
NVALUE     .10                                                          225
SECTION    3                                                            226
           50       1000     85       993.8     95        990           227
           135      988      240      989.5     245       983.5         228
           248      982.5    255      981.8     256       983.5         229
```

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                265     985.5   266     989     280     989.5   230
                300     987.8   350     987.2   362     989.8   231
                370     994     385     996     387     1000    232
ENDTABLE                                                        233
SEGMENT         3       1       D       240                     234
NVALUE          .06                                             235
SEGMENT         3       2       C       266                     236
NVALUE          .065                                            237
SEGMENT         3       3       D       387                     238
NVALUE          .10                                             239
SECTION         US601                                           240
                0       1009.5  180     1001    180     994.2   241
                268     992.5   275     983.5   320     982.9   242
                368     987.5   368     996.8   470     995.5   243
                630     996.5   910     1009.5                  244
ENDTABLE                                                        245
BPR             US601   B       3       2                       246
PIER            993.5   2       983.5   2       982.9   2       247
GIRDER          997.9   993.5   10      .6      2.7             248
                180     1001    180     997.8   368     993.5   249
                368     996.8                                   250
ENDTABLE                                                        251
SECTION         4                                               252
                50      1000    190     997.5   210     996.5   253
                220     998.5   228     998.5   242     996.5   254
                258     990.2   310     989.8   350     991     255
                355     989     358     986     372     983.2   256
                385     983.5   392     988.5   395     991     257
                420     990.2   470     990.2   480     995.5   258
                490     996     515     996.5   516     1000    259
ENDTABLE                                                        260
SEGMENT         4       1       D       350                     261
NVALUE          .10                                             262
SEGMENT         4       2       C       395                     263
NVALUE          .065                                            264
SEGMENT         4       3       D       516                     265
NVALUE          .08                                             266
SECTION         5                                               267
                0       1001.5  15      1001    28      987.5   268
                29      985.1   58      985.2   68      993.2   269
                225     991.2   345     992.2   375     997.5   270
                400     998.5   401     1000                    271
ENDTABLE                                                        272
SEGMENT         5       1       C       68                      273
NVALUE          .065                                            274
SEGMENT         5       2       D       401                     275
NVALUE          .08                                             276
SECTION         32                                              277
                0       1010.3  55      1005.3  85      995.2   278
                175     995.9   180     988.5   225     988.8   279
                235     999.6   495     999.7   525     1005.2  280
                565     1005.6  605     1010.3                  281
ENDTABLE                                                        282
SEGMENT         32      1       D       175                     283
NVALUE          .10                                             284
SEGMENT         32      2       C       235                     285
NVALUE          .065                                            286
SEGMENT         32      3       D       605                     287
NVALUE          .08                                             288
SECTION         SR1731                                          289
                0       1014    130     1006.3  210     1005    290
                210     995.9   281     995.2   284     987.8   291
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                331     987.3   348     995.5   366     994.7   292
                366     1001.9  455     999.5   605     1001.6  293
                985     1003.1  1215    1014                    294
ENDTABLE                                                        295
BPR             SR1731  A       3       3                       296
PIER            995.2   4       987.3   1       995.5   1       297
GIRDER          1002.9  999.7   15      .6      2.7             298
                210     1005    210     1002.8  366     999.7   299
                366     1001.9                                  300
ENDTABLE                                                        301
SECTION         34                                              302
                0       1014.4  115     1005.9  195     1004.9  303
                215     993.8   275     995.4   280     988.2   304
                335     988.2   345     993.6   445     996.2   305
                450     995.8   795     1004.4  820     997.7   306
                1155    1008.9  1185    1014.4                  307
ENDTABLE                                                        308
SEGMENT         34      1       D       275                     309
NVALUE          .10                                             310
SEGMENT         34      2       C       345                     311
NVALUE          .06                                             312
SEGMENT         34      3       D       1185                    313
NVALUE          .08                                             314
SECTION         6                                               315
                35      1006.5  58      1000.5  195     995.5   316
                325     998.5   332     989     355     989     317
                365     996.5   485     995.6   510     998     318
                528     1003.5  555     1005.5                  319
ENDTABLE                                                        320
SEGMENT         6       1       D       325                     321
NVALUE          .10                                             322
SEGMENT         6       2       C       365                     323
NVALUE          .06                                             324
SEGMENT         6       3       D       555                     325
NVALUE          .10                                             326
SECTION         7                                               327
                580     1006.2  600     1000    615     1000.3  328
                635     997.8   708     998.5   770     1000    329
                815     1000    945     999     1000    1000.5  330
                1020    1000.8  1028    994.5   1035    992.5   331
                1055    993.5   1065    1000.5  1142    999.5   332
                1195    1000    1295    1000.5  1350    1010    333
ENDTABLE                                                        334
SEGMENT         7       1       D       1020                    335
NVALUE          .08                                             336
SEGMENT         7       2       C       1065                    337
NVALUE          .06                                             338
SEGMENT         7       3       D       1350                    339
NVALUE          .10                                             340
SECTION         8                                               341
                30      1014    60      1008.5  125     1006.8  342
                175     1003.5  305     1002.5  365     1000.8  343
                430     1000.5  585     1001.5  595     1006.5  344
                605     1002.5  628     996.5   632     993.5   345
                650     995.5   660     999.5   685     1002.5  346
                730     1003.8  810     1008    1000    1015    347
ENDTABLE                                                        348
SEGMENT         8       1       D       605                     349
NVALUE          .08                                             350
SEGMENT         8       2       C       660                     351
NVALUE          .06                                             352
SEGMENT         8       3       D       1000                    353
```

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NVALUE     .08
SECTION    9
           65        1026      85        1014.5    125       1013.5
           185       1014.5    215       1016.5    265       1010.5
           315       1010.5    355       1008.5    366       1002.5
           369       999.2     375       998       400       999.5
           412       1006.5    425       1006.5    450       1003
           475       1003.5    505       1002.5    550       1007.5
           570       1005      640       1007      710       1007
           750       1006.5    990       1006.5    1100      1007.5
           1145      1009      1225      1008.2    1300      1024.5
ENDTABLE
SEGMENT    9         1         D         355
NVALUE     .08
SEGMENT    9         2         C         412
NVALUE     .06
SEGMENT    9         3         D         1300
NVALUE     .08
SECTION    NC89
           0         1029.4    360       1015.4    550       1015
           550       1003.9    590       993       630       993
           670       994.9     708       1005.3    708       1015.1
           1250      1014.9    1750      1029.4
ENDTABLE
BPP        NC89      A         3         7
PIER       993       6         994.9     3
GIRDER     1012.4    1012.2    0.        .6        2.7
           550       1015      550       1012.2    708       1012.3
           708       1015.1
ENDTABLE
SECTION    36
           -110      1021      -100      1013.5    0         1013.5
           65        1011.9    100       1006.4    105       1001.5
           175       1001.3    185       1006.4    1055      1008.9
           1175      1021.1
ENDTABLE
SEGMENT    36        1         D         100
NVALUE     .08
SEGMENT    36        2         C         185
NVALUE     .06
SEGMENT    36        3         D         1175
NVALUE     .08
SECTION    10
           75        1024      76        1011.5    105       1014.2
           115       1014.2    118       1010.5    135       1009.5
           145       1002.5    158       1002      165       1002.5
           185       1007.5    190       1010.2    235       1010
           285       1010      375       1008.5    450       1009.2
           515       1006.5    555       1008.5    790       1010.2
           1000      1014.5    1065      1018.5    1100      1024
ENDTABLE
SEGMENT    10        1         D         135
NVALUE     .08
SEGMENT    10        2         C         190
NVALUE     .06
SEGMENT    10        3         D         1100
NVALUE     .07
SECTION    37
           0         1023.4    125       1017.7    210       1011
           430       1011.8    435       1004      465       1005
           470       1011.7    700       1018.2    730       1023.4
ENDTABLE
```

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SEGMENT   37        1         D         430                                    416
NVALUE    .08                                                                  417
SEGMENT   37        2         C         470                                    418
NVALUE    .06                                                                  419
SEGMENT   37        3         D         730                                    420
NVALUE    .08                                                                  421
SECTION   SR1670                                                               422
          0         1030.3    190       1018.1    505       1018.8           423
          505       1011.9    540       1011.1    575       1004.5           424
          615       1005.5    625       1010.2    661       1012.3           425
          661       1018.8    940       1030.1                               426
ENDTABLE                                                                       427
BPR       SR1670    A         3         3                                      428
PIER      1011.1    4         1004.5    1                                      429
GIRDER    1017.6    1017.5    15        .6        2.7                          430
          505       1018.8    505       1017.5    661       1017.5           431
          661       1018.8                                                     432
ENDTABLE                                                                       433
SECTION   11                                                                   434
          0         1030      10        1020      20        1011             435
          65        1012.8    75        1018      80        1018.5           436
          88        1018.5    90        1017      120       1014.5           437
          132       1011      270       1010.8    410       1011.8           438
          635       1011.5    690       1006.5    730       1006             439
          740       1004.2    745       1004.2    767       1019             440
          850       1020.5    1080      1029.2    1082      1030             441
ENDTABLE                                                                       442
SEGMENT   11        1         D         635                                    443
NVALUE    .08                                                                  444
SEGMENT   11        2         C         767                                    445
NVALUE    .06                                                                  446
SEGMENT   11        3         D         1082                                   447
NVALUE    .08                                                                  448
SECTION   39                                                                   449
          0         1030      5         1021.6    40        1021.5           450
          145       1015.4    320       1013.6    650       1013.5           451
          660       1007.1    680       1006.6    695       1017.2           452
          710       1013.9    730       1023      735       1027.3           453
ENDTABLE                                                                       454
SEGMENT   39        1         D         650                                    455
NVALUE    .10                                                                  456
SEGMENT   39        2         C         695                                    457
NVALUE    .06                                                                  458
SEGMENT   39        3         D         735                                    459
NVALUE    .10                                                                  460
SECTION   12                                                                   461
          60        1030      80        1028.5    95        1022.5           462
          140       1021.5    190       1018.5    365       1014.2           463
          640       1014.5    655       1009.5    705       1009.5           464
          715       1007.8    720       1009.2    725       1015.5           465
          735       1013.5    975       1014.5    1085      1016.5           466
          1130      1030                                                     467
ENDTABLE                                                                       468
SEGMENT   12        1         D         640                                    469
NVALUE    .10                                                                  470
SEGMENT   12        2         C         725                                    471
NVALUE    .06                                                                  472
SEGMENT   12        3         D         1130                                   473
NVALUE    .10                                                                  474
SECTION   40                                                                   475
          0         1034.5    165       1024      420       1017.9           476
          460       1019.2    485       1022.3    515       1011.6           477
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                545     1011.4  555     1020.7  1205    1019.2  478
                1235    1034.4                                  479
    ENDTABLE                                                    480
    SEGMENT     40      1       D       485                     481
    NVALUE      .10                                             482
    SEGMENT     40      2       C       555                     483
    NVALUE      .06                                             484
    SEGMENT     40      3       D       1235                    485
    NVALUE      .08                                             486
    SECTION     13                                              487
                40      1037.6  45      1021.6  75      1020    488
                115     1021.6  135     1020    325     1021.6  489
                525     1022.6  705     1020    930     1020    490
                965     1023    965     1020    975     1019    491
                982     1014.9  1005    1014    1012    1016    492
                1015    1021    1175    1021.6  1225    1037.6  493
    ENDTABLE                                                    494
    SEGMENT     13      1       D       965                     495
    NVALUE      .08                                             496
    SEGMENT     13      2       C       1015                    497
    NVALUE      .06                                             498
    SEGMENT     13      3       D       1225                    499
    NVALUE      .10                                             500
    SECTION     14                                              501
                60      1040    115     1031    180     1028.5  502
                260     1027    415     1027    430     1026.5  503
                575     1025    750     1026    800     1027    504
                830     1026    865     1027    880     1027.2  505
                890     1025    895     1020.5  905     1020    506
                915     1017.5  928     1019    930     1022.5  507
                939     1024.2  940     1025.5  965     1025.5  508
                1005    1020.2  1168    1025.9  1230    1029    509
                1300    1040                                    510
    ENDTABLE                                                    511
    SEGMENT     14      1       D       890                     512
    NVALUE      .05                                             513
    SEGMENT     14      2       C       940                     514
    NVALUE      .065                                            515
    SEGMENT     14      3       D       1300                    516
    NVALUE      .05                                             517
    SECTION     15                                              518
                90      1042.3  115     1036    180     1032.5  519
                385     1030.5  455     1030.5  550     1032    520
                567     1033.4  575     1029.8  595     1021.5  521
                610     1022.3  620     1029.5  625     1028.5  522
                665     1027.8  745     1028.8  820     1030.3  523
                865     1029.5  1410    1042.3                  524
    ENDTABLE                                                    525
    SEGMENT     15      1       D       567                     526
    NVALUE      .05                                             527
    SEGMENT     15      2       C       620                     528
    NVALUE      .06                                             529
    SEGMENT     15      3       D       1410                    530
    NVALUE      .05                                             531
    SECTION     16                                              532
                25      1045.5  65      1043    125     1035.5  533
                255     1032.5  305     1030.8  310     1029.5  534
                328     1029.5  365     1025    375     1025    535
                380     1025.5  385     1032.5  410     1032.5  536
                435     1031.3  555     1033    680     1033    537
                960     1038    1345    1041.8  1365    1040.5  538
                1380    1041    1410    1045.5                  539
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ENDTABLE
SEGMENT   16          1         D         305
NVALUE    .08
SEGMENT   16          2         C         385
NVALUE    .065
SEGMENT   16          3         D         1410
NVALUE    .05
SECTION   42
          0           1054.3    230       1043.1    390       1042.8
          430         1026      460       1026.6    505       1031.4
          555         1033.6    965       1037.8    1345      1039.5
          1550        1055.3
ENDTABLE
SEGMENT   42          1         D         390
NVALUE    .08
SEGMENT   42          2         C         505
NVALUE    .065
SEGMENT   42          3         D         1550
NVALUE    .05
SECTION   US52BU
          0           1055      440       1042.5    440       1038.6
          475         1035.7    510       1030.5    514       1027.4
          550         1026.8    556       1030.3    586       1034.1
          586         1042.4    1580      1042.1    1840      1055
ENDTABLE
BPR       US52BU      A         3         7
PIER      1035.7      2         1027.4    2         1026.8    2
GIRDER    1039.7      1039.5    0         .6        2.7
          440         1042.5    440       1039.6    586       1039.5
          586         1042.4
ENDTABLE
SECTION   44
          0           1054.8    305       1042.4    440       1042.3
          460         1026.9    500       1026.9    520       1040.7
          1300        1040.2    1880      1054.8
ENDTABLE
SEGMENT   44          1         D         440
NVALUE    .08
SEGMENT   44          2         C         520
NVALUE    .065
SEGMENT   44          3         D         1880
NVALUE    .08
SECTION   17
          70          1050      95        1037.5    120       1034.5
          178         1034.2    238       1036.5    250       1033.5
          280         1032.5    285       1028.5    295       1027.5
          315         1027.5    320       1029      325       1034
          390         1034      490       1033      550       1033
          615         1037      835       1036      1140      1038
          1205        1041.2    1485      1042.5    1500      1050
ENDTABLE
SEGMENT   17          1         D         280
NVALUE    .09
SEGMENT   17          2         C         325
NVALUE    .065
SEGMENT   17          3         D         1500
NVALUE    .05
SECTION   18
          25          1052.5    75        1043.5    290       1039.5
          468         1039.5    570       1038.8    685       1038.5
          715         1039.5    725       1042      750       1038
          755         1036.5    795       1035.5    805       1031
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                830       1032.2    835       1036      845       1038.5    602
                955       1038.5    1145      1041.5    1215      1040      603
                1368      1041.2    1385      1042.5    1475      1041.5    604
                1800      1050      1885      1052.5                        605
    ENDTABLE                                                                606
    SEGMENT     18        1         D         750                           607
    NVALUE      .07                                                         608
    SEGMENT     18        2         C         845                           609
    NVALUE      .06                                                         610
    SEGMENT     18        3         D         1885                          611
    NVALUE      .07                                                         612
    SECTION     45                                                          613
                0         1063.9    135       1048.5    350       1043.8    614
                560       1043.8    570       1035.3    595       1035      615
                605       1040.7    645       1039.5    665       1044.5    616
                1105      1049.2    1235      1005.4                        617
    ENDTABLE                                                                618
    SEGMENT     45        1         D         560                           619
    NVALUE      .07                                                         620
    SEGMENT     45        2         C         605                           621
    NVALUE      .06                                                         622
    SEGMENT     45        3         D         1235                          623
    NVALUE      .07                                                         624
    SECTION     19                                                          625
                25        1070      75        1054.2    140       1053.8    626
                198       1054.5    205       1043.5    215       1042.5    627
                235       1042.2    245       1045.8    255       1046.5    628
                265       1053.5    295       1055.8    305       1070      629
    ENDTABLE                                                                630
    SEGMENT     19        1         D         198                           631
    NVALUE      .10                                                         632
    SEGMENT     19        2         C         265                           633
    NVALUE      .06                                                         634
    SEGMENT     19        3         D         305                           635
    NVALUE      .10                                                         636
    SECTION     20                                                          637
                70        1070      95        1057      205       1057      638
                345       1058      505       1058.5    520       1056.9    639
                555       1053.4    565       1049.5    595       1047.9    640
                605       1048.2    606       1050.9    635       1050.8    641
                646       1056.9    935       1057.4    1140      1070      642
    ENDTABLE                                                                643
    SEGMENT     20        1         D         520                           644
    NVALUE      .10                                                         645
    SEGMENT     20        2         C         646                           646
    NVALUE      .06                                                         647
    SEGMENT     20        3         D         1140                          648
    NVALUE      .07                                                         649
    SECTION     46                                                          650
                0         1070.3    20        1061      25        1055.3    651
                50        1056.7    55        1053.3    90        1053.9    652
                95        1058.9    150       1061.9    555       1061.8    653
                590       1076.9                                            654
    ENDTABLE                                                                655
    SEGMENT     46        1         D         50                            656
    NVALUE      .09                                                         657
    SEGMENT     46        2         C         95                            658
    NVALUE      .06                                                         659
    SEGMENT     46        3         D         590                           660
    NVALUE      .065                                                        661
    SECTION     21                                                          662
                -15       1090.4    100       1074.8    200       1069.8    663
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                440       1068.8    705       1064.9    726       1065.8    664
                735       1063.6    736       1058.9    745       1057.8    665
                755       1057.8    775       1058.8    782       1065.8    666
                795       1066.8    820       1090.4                        667
  ENDTABLE                                                                  668
  SEGMENT       21        1         D         726                           669
  NVALUE        .07                                                         670
  SEGMENT       21        2         C         782                           671
  NVALUE        .06                                                         672
  SEGMENT       21        3         D         820                           673
  NVALUE        .07                                                         674
  COMPUTE       115       21        115                                     674A
  LINK                                                                      674B
  SECTION       47                                                          675
                0         1091.1    15        1085.9    45        1086.3    676
                90        1074      305       1071.2    650       1070.3    677
                655       1064.1    695       1063.7    700       1071.5    678
                715       1068.8    1055      1066.3    1525      1070.3    679
                1580      1070.7    1650      1078.6    1655      1083.3    680
  ENDTABLE                                                                  681
  SEGMENT       47        1         D         650                           682
  NVALUE        .07                                                         683
  SEGMENT       47        2         C         700                           684
  NVALUE        .06                                                         685
  SEGMENT       47        3         D         1655                          686
  NVALUE        .07                                                         687
  SECTION       22                                                          688
                0         1093      15        1085.5    65        1080      689
                180       1075.8    380       1075.8    435       1073.2    690
                637       1075.3    645       1068      655       1066.8    691
                675       1068.2    682       1075.9    700       1074.4    692
                795       1073.5    910       1073.5    1010      1076.4    693
                1135      1076.2    1275      1075.3    1455      1084.5    694
                1500      1093                                              695
  ENDTABLE                                                                  696
  SEGMENT       22        1         D         637                           697
  NVALUE        .06                                                         698
  SEGMENT       22        2         C         682                           699
  NVALUE        .05                                                         700
  SEGMENT       22        3         D         1500                          701
  NVALUE        .06                                                         702
  SECTION       48                                                          703
                0         1092.4    60        1087.4    135       1077.8    704
                505       1074.5    510       1066.9    555       1066.8    705
                560       1076.1    875       1075      1180      1080.5    706
                1185      1083      1200      1083.3    1215      1094.4    707
  ENDTABLE                                                                  708
  SEGMENT       48        1         D         505                           709
  NVALUE        .06                                                         710
  SEGMENT       48        2         C         560                           711
  NVALUE        .05                                                         712
  SEGMENT       48        3         D         1215                          713
  NVALUE        .06                                                         714
  SECTION       SR1700                                                      715
                0         1091.9    255       1081.4    255       1076.2    716
                273       1071      323       1070.4    335       1074.7    717
                335       1081.3    1320      1091.9                        718
  ENDTABLE                                                                  719
  BPR           SR1700    A         3         7                             720
  PIER          1071      2                                                 721
  GIRDER        1079.1    1078.9    0         .6        2.7                 722
                255       1081.4    255       1079      335       1078.9    723
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                335     1081.3                                                  724
ENDTABLE                                                                        725
SECTION         50                                                              726
                0       1089.6      210     1079.1      485     1079.3      727
                491     1070.6      530     1069.4      535     1078.6      728
                1035    1077.6      1335    1085.6      1380    1092.1      729
ENDTABLE                                                                        730
SEGMENT         50      1           D       485                             731
NVALUE          .06                                                         732
SEGMENT         50      2           C       535                             733
NVALUE          .05                                                         734
SEGMENT         50      3           D       1380                            735
NVALUE          .06                                                         736
SECTION         23                                                          737
                5       1102.8      65      1095.3      145     1089.8      738
                315     1082.3      505     1083.5      605     1080        739
                650     1080        665     1075.3      666     1071.4      740
                672     1070.5      695     1070.5      713     1080        741
                785     1083.8      830     1083.8      870     1086.5      742
                885     1089        920     1101.8                          743
ENDTABLE                                                                    744
SEGMENT         23      1           D       650                             745
NVALUE          .06                                                         746
SEGMENT         23      2           C       713                             747
NVALUE          .05                                                         748
SEGMENT         23      3           D       920                             749
NVALUE          .09                                                         750
SECTION         51                                                          751
                0       1100.9      20      1099.8      30      1096.4      752
                50      1096        55      1091.3      245     1083.4      753
                250     1076.1      285     1075.5      315     1100.9      754
ENDTABLE                                                                    755
SEGMENT         51      1           D       245                             756
NVALUE          .09                                                         757
SEGMENT         51      2           C       315                             758
NVALUE          .05                                                         759
SECTION         52                                                          760
                0       1108.2      10      1095.4      55      1092.8      761
                60      1089.2      100     1088.1      105     1092.3      762
                180     1092.6      265     1108.2                          763
ENDTABLE                                                                    764
SEGMENT         52      1           D       55                              765
NVALUE          .09                                                         766
SEGMENT         52      2           C       105                             767
NVALUE          .05                                                         768
SEGMENT         52      3           D       265                             769
NVALUE          .09                                                         770
COMPUTE         47      STR9A       21                                      771
ENDJOB                                                                      772
ENDRUN                                                                      773
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