MID-KANSAS ENGINEERING CONSULTANTS, INC.

December 13, 1995

Vicky Huang. P.E.
City of Wichita Engineering
455 N. Main - 7th Floor
Wichita, KS 67202

Re: Woodland Lakes Estates
Drainage Plan

Dear Vicky,

Here are calculations for the drainage way, ponds, and minimum pads. A summary is included of pond elevations within the Reserve C. Minimum pad elevations are maximum water surface elevation (WSE) plus 3'0" freeboard. Therefore minimum pad elevations on lots adjacent to the pond should be as follows:

N Pond - 1343.0
M Pond - 1341.5
S Pond - 1340.8

Please review this and comment. If these calculations look alright let MAPD know so that there will be no problem at the MAPC meeting Thursday.

Sincerely,

MID-KANSAS ENGINEERING CONSULTANTS, INC.

Greg Allison, P.E.

GJA/ay

411 N. WEBB ROAD • WICHITA, KS 67206 • 316-684-9600 • FAX: 316-684-5100

Leewood Homes, Inc. - Woodland Estates (Harry & 127th Street E.)

100-Year Runoff Comparison

6-hr M & L	I-35 (w/6' x 4' RCB)	1349.27' W.S.E.
	N. Pond (w/35' weir)	1340.03'
	M. Pond (w/15' weir)	1338.42'
	S. Pond (w/15' weir)	1337.61'
24-hr Type II (Built-In)	I-35 (w/6' x 4' RCB)	1349.38'
	N. Pond (w/35' weir)	1340.08'
	M. Pond (w/15' weir)	1338.50'
	S. Pond (w/15' weir)	1337.73'
24-hr Type II (Table)	I-35 (w/6' x 4' RCB)	1349.28'
	N. Pond (w/35' weir)	1340.02'
	M. Pond (w/15' weir)	1338.42'
	S. Pond (w/15' weir)	1337.66'

		Normal Pool	Q (In)	Q(Out)	Max. WSE
24-hr Zone 5	I-35	1345.00'	233 CFS	157 CFS	1349.41'
	N. Pond	1338.00'	285 CFS	283 CFS	1340.08'
	M. Pond	1335.00'	303 CFS	279 CFS	1338.55'
	S. Pond	1334.00'	362 CFS	313 CFS	1337.82'

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******************80-80 LIST OF INPUT DATA FOR TR-20 HYDROLOGY******************

JOB TR-20                                                    SUMMARY   NOPLOTS
TITLE 002 LEEWOOD - WOODLAND ESTATES, WICHITA   2,5,10,25,50,100-YR 6-HR
TITLE     WDLNDEST      13 DEC 1995                          24-HR ZONE 5
 4 DIMHYD                                                                  256
 8          .0          .150        .320        .6          .93
 8          1.0         .96         .88         .78         .69
 8          .59         .52         .48         .43         .39
 8          .35         .32         .29         .26         .23
 8          .21         .2          .19         .18         .17
 8          .16         .15         .14         .13         .12
 8          .11         .1          .09         .08         .07
 8          .06         .05         .045        .04         .035
 8          .03         .025        .02         .015        .01
 8          .0          .0          .0          .0          .0
 9 ENDTBL
 4 DIMHYD                0.02                                              484
 8          .000        .030        .100        .190        .310
 8          .470        .660        .820        .930        .990
 8          1.000       .990        .930        .860        .780
 8          .680        .560        .460        .390        .330
 8          .280        .241        .207        .174        .147
 8          .126        .107        .091        .077        .066
 8          .055        .047        .040        .034        .029
 8          .025        .021        .018        .015        .013
 8          .011        .009        .008        .007        .006
 8          .005        .004        .003        .002        .001
 8          .000        .000        .000        .000        .000
 9 ENDTBL
 5 RAINFL 7              0.08333                                           6-HR M&L
 8          0.0000      0.0033      0.0066      0.0099      0.0132
 8          0.0166      0.0198      0.0248      0.0296      0.0346
 8          0.0404      0.0463      0.0522      0.0590      0.0658
 8          0.0727      0.0796      0.0864      0.0933      0.1136
 8          0.1340      0.1572      0.1832      0.2124      0.2473
 8          0.2850      0.3400      0.4464      0.6034      0.6752
 8          0.7220      0.7409      0.7598      0.7758      0.7919
 8          0.8072      0.8224      0.8310      0.8396      0.8468
 8          0.8540      0.8628      0.8714      0.8773      0.8832
 8          0.8890      0.8939      0.8988      0.9038      0.9086
 8          0.9136      0.9184      0.9233      0.9282      0.9332
 8          0.9380      0.9429      0.9478      0.9527      0.9576
 8          0.9626      0.9664      0.9704      0.9742      0.9782
 8          0.9821      0.9860      0.9884      0.9906      0.9930
 8          0.9954      0.9976      1.0000      1.0000      1.0000
 9 ENDTBL
 5 RAINFL 8              0.5                                               24-HRSCS
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**********80-80 LIST OF INPUT DATA (CONTINUED)**********

 8          .000        .002        .005        .009        .013          ZONE 5
 8          .018        .023        .029        .035        .042
 8          .050        .059        .068        .078        .089
 8          .101        .114        .128        .144        .162
 8          .183        .208        .244        .339        .723
 8          .773        .802        .825        .844        .861
 8          .876        .890        .903        .914        .924
 8          .934        .943        .951        .959        .966
 8          .972        .977        .982        .986        .990
 8          .993        .996        .998       1.000       1.000
 9 ENDTBL
 5 RAINFL 9              0.5                                          24-HRSCS
 8          0.0         0.005       0.011       0.016       0.022     TYPE II
 8          0.028       0.035       0.041       0.048       0.056
 8          0.063       0.071       0.080       0.089       0.098
 8          0.109       0.120       0.133       0.147       0.163
 8          0.181       0.204       0.235       0.283       0.663
 8          0.735       0.772       0.799       0.820       0.838
 8          0.854       0.868       0.880       0.891       0.902
 8          0.912       0.921       0.929       0.937       0.945
 8          0.952       0.959       0.965       0.972       0.978
 8          0.984       0.989       0.995       1.000       1.000
 9 ENDTBL
 3 STRUCT      01                                                       I-35
 8                      1345.0      0.0         0.0
 8                      1347.0      52.         2.
 8                      1349.0      140.        4.5
 8                      1351.0      223.        12.
 8                      1353.0      286.        21.
 8                      1355.0      336.        34.
 8                      1357.0      378.        52.
 8                      1359.0      414.        76.
 8                      1361.0      447.        106.5
 8                      1363.0      475.        144.
 9 ENDTBL
 3 STRUCT      09                                                       R - N P
 8                      1338.0      0.0         0.0                   NORTH
 8                      1339.0      93.4        0.43                  POND
 8                      1340.0      265.3       0.92
 8                      1341.0      496.5       1.46                  35' WEIR
 8                      1342.0      781.2       2.06
 8                      1343.0      1201.3      2.72
 9 ENDTBL
 3 STRUCT      13                                                       R - M P
 8                      1335.0      0.0         0.0
 8                      1336.0      40.1        1.1                   MIDDLE
                                                                       POND
                                                                       15' WEIR
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**********80-80 LIST OF INPUT DATA (CONTINUED)**********

 8                          1337.0      113.7       2.36
 8                          1338.0      212.8       3.72
 8                          1339.0      334.8       5.19
 8                          1340.0      483.0       6.75
 8                          1341.0      731.9       8.43
 9 ENDTBL
 3 STRUCT       21                                                  R - S P
 8                          1334.0      0.0         0.0             SOUTH
 8                          1335.0      40.1        2.16            POND
 8                          1336.0      113.7       4.48
 8                          1337.0      212.8       6.94          15' WEIR
 8                          1338.0      334.8       9.56
 8                          1339.0      483.0       12.32
 8                          1340.0      731.9       15.22
 9 ENDTBL
 6 RUNOFF 1 001         6 0.0867      89.0        0.667           1 U/S I-35
 6 RESVOR 2     01 6    7 1345.0                                  1  I-35
 6 RUNOFF 1 002         6 0.032       98.0        0.567           1  U/S-WLE
 6 ADDHYD 4 003    6 7 5                                          1 SU/S-WLE
 6 RUNOFF 1 004         6 0.0128      84.0        0.733           1  'A'
 6 ADDHYD 4 005    5 6 7                                          1  S @ 'A'
 6 RUNOFF 1 006         6 0.0028      84.0        0.400           1  'B'
 6 ADDHYD 4 007    7 6 5                                          1  S @ 'B'
 6 RUNOFF 1 008         6 0.0026      88.8        0.25            1  N POND
 6 ADDHYD 4 009    5 6 7                                          1  S - N P
 6 RESVOR 2     09 7    5 1338.0                                  1  R - N P
 6 RUNOFF 1 010         6 0.0019      84.0        0.300           1  'C'
 6 ADDHYD 4 011    5 6 7                                          1  S @ 'C'
 6 RUNOFF 1 012         6 0.0090      87.5        0.25            1  M POND
 6 ADDHYD 4 013    7 6 5                                          1  S - M P
 6 RESVOR 2     13 5    7 1335.0                                  1  R - M P
 6 RUNOFF 1 014         6 0.0167      85.0        0.650           1 'D E F G
 6 ADDHYD 4 015    7 6 5                                          1
 6 RUNOFF 1 016         6 0.0052      84.0        0.417           1  'J'
 6 ADDHYD 4 017    5 6 7                                          1
 6 RUNOFF 1 018         6 0.0091      85.0        0.567           1 H1 H2 I
 6 ADDHYD 4 019    7 6 5                                          1
 6 RUNOFF 1 020         6 0.0107      92.7        0.25            1  S POND
 6 ADDHYD 4 021    5 6 7                                          1  S - S P
 6 RESVOR 2     21 7    5 1334.0                                  1  R - S P
   ENDATA
 7 INCREM 6                0.0833
 7 COMPUT 7 001        21 0.0         2.52        1.0         7 2  11  01 2-YR 6-H
   ENDCMP 1
 7 COMPUT 7 001        21 0.0         3.42        1.0         7 2  12  02 5-YR 6-H
   ENDCMP 1
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**********80-80 LIST OF INPUT DATA (CONTINUED)**********

 7 COMPUT 7 001       21 0.0          4.02          1.0          7 2  13  03 10-YR 6-
   ENDCMP 1
 7 COMPUT 7 001       21 0.0          4.63          1.0          7 2  14  04 25-YR 6-
   ENDCMP 1
 7 COMPUT 7 001       21 0.0          5.20          1.0          7 2  15  05 50-YR 6-
   ENDCMP 1
 7 COMPUT 7 001       21 0.0          5.94          1.0          7 2  16  06 100-YR 6
   ENDCMP 1
 7 COMPUT 7 001       21 0.0          3.48          1.0          2 2  21  01 2-YR TYP
   ENDCMP 1
 7 COMPUT 7 001       21 0.0          4.55          1.0          2 2  22  02 5-YR TYP
   ENDCMP 1
 7 COMPUT 7 001       21 0.0          5.25          1.0          2 2  23  03 10-YR TY
   ENDCMP 1
 7 COMPUT 7 001       21 0.0          6.10          1.0          2 2  24  04 25-YR TY
   ENDCMP 1
 7 COMPUT 7 001       21 0.0          6.98          1.0          2 2  25  05 50-YR TY
   ENDCMP 1
 7 COMPUT 7 001       21 0.0          7.80          1.0          2 2  26  06 100-YR T
   ENDCMP 1
 7 COMPUT 7 001       21 0.0          3.48          1.0          9 2  31  01 2-YR TYP
   ENDCMP 1
 7 COMPUT 7 001       21 0.0          4.55          1.0          9 2  32  02 5-YR TYP
   ENDCMP 1
 7 COMPUT 7 001       21 0.0          5.25          1.0          9 2  33  03 10-YR TY
   ENDCMP 1
 7 COMPUT 7 001       21 0.0          6.10          1.0          9 2  34  04 25-YR TY
   ENDCMP 1
 7 COMPUT 7 001       21 0.0          6.98          1.0          9 2  35  05 50-YR TY
   ENDCMP 1
 7 COMPUT 7 001       21 0.0          7.80          1.0          9 2  36  06 100-YR T
   ENDCMP 1
 7 COMPUT 7 001       21 0.0          3.48          1.0          8 2  41  01 2-YR ZON
   ENDCMP 1
 7 COMPUT 7 001       21 0.0          4.55          1.0          8 2  42  02 5-YR ZON
   ENDCMP 1
 7 COMPUT 7 001       21 0.0          5.25          1.0          8 2  43  03 10-YR ZO
   ENDCMP 1
 7 COMPUT 7 001       21 0.0          6.10          1.0          8 2  44  04 25-YR ZO
   ENDCMP 1
 7 COMPUT 7 001       21 0.0          6.98          1.0          8 2  45  05 50-YR ZO
   ENDCMP 1
 7 COMPUT 7 001       21 0.0          7.80          1.0          8 2  46  06 100-YR Z
   ENDCMP 1
   ENDJOB 2

**********END OF 80-80 LIST**********
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SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

RAINFALL OF 2.52 inches AND 6.00 hr DURATION, BEGINS AT .0 hrs.
RAINTABLE NUMBER 7, AMC 2
MAIN TIME INCREMENT .08 HOURS

ALTERNATE 11 STORM 1 2-YR 6-HR MSL

XSECTION/ STRUCTURE ID		STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	PEAK DISCHARGE ELEVATION (FT)	TIME (HR)	RATE (CFS)	RATE (CSM)
XSECTION	1	RUNOFF	.09	1.47	---	2.73	71	788.9
STRUCTURE	1	RESVOR	.09	1.47	1346.80	3.05	47	522.2
XSECTION	2	RUNOFF	.03	2.29	---	2.63	43	1433.3
XSECTION	3	ADDHYD	.12	1.69	---	2.78	75	625.0
XSECTION	4	RUNOFF	.01	1.13	---	2.79	7	700.0
XSECTION	5	ADDHYD	.13	1.64	---	2.78	83	638.5
XSECTION	6	RUNOFF	.00	1.13	---	2.57T	2T	********
XSECTION	7	ADDHYD	.13	1.63	---	2.77	84	646.2
XSECTION	8	RUNOFF	.00	1.46	---	2.46T	4T	********
XSECTION	9	ADDHYD	.14	1.62	---	2.76	86	614.3
STRUCTURE	9	RESVOR	.14	1.62	1338.91	2.83	85	607.1
XSECTION	10	RUNOFF	.00	1.13	---	2.50T	2T	********
XSECTION	11	ADDHYD	.14	1.62	---	2.82	85	607.1
XSECTION	12	RUNOFF	.01	1.36	---	2.46	11	1100.0
XSECTION	13	ADDHYD	.15	1.60	---	2.80	88	586.7
STRUCTURE	13	RESVOR	.15	1.60	1336.54	3.05	80	533.3
XSECTION	14	RUNOFF	.02	1.19	---	2.73	11	550.0
XSECTION	15	ADDHYD	.16	1.56	---	3.00	87	543.8
XSECTION	16	RUNOFF	.01	1.13	---	2.58T	4T	400.0
XSECTION	17	ADDHYD	.17	1.55	---	2.99	89	523.5
XSECTION	18	RUNOFF	.01	1.19	---	2.67	7	700.0
XSECTION	19	ADDHYD	.18	1.53	---	2.96	93	516.7
XSECTION	20	RUNOFF	.01	1.77	---	2.45	18	1800.0
XSECTION	21	ADDHYD	.19	1.54	---	2.94	96	505.3
STRUCTURE	21	RESVOR	.19	1.54	1335.52	3.38	78	410.5

SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STRUCTURE ID		STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	PEAK DISCHARGE ELEVATION (FT)	TIME (HR)	RATE (CFS)	RATE (CSM)
RAINFALL OF 3.42 inches AND 6.00 hr DURATION, BEGINS AT .0 hrs.								
ALTERNATE 12 STORM 2					5-YR 6-HR M & L			
XSECTION	1	RUNOFF	.09	2.28	---	2.71	111	1233.3
STRUCTURE	1	RESVOR	.09	2.28	1347.59	3.00	78	866.7
XSECTION	2	RUNOFF	.03	3.19	---	2.63	60	2000.0
XSECTION	3	ADDHYD	.12	2.53	---	2.82	116	966.7
XSECTION	4	RUNOFF	.01	1.87	---	2.77	13	1300.0
XSECTION	5	ADDHYD	.13	2.46	---	2.81	129	992.3
XSECTION	6	RUNOFF	.00	1.86	---	2.56T	4T	********
XSECTION	7	ADDHYD	.13	2.45	---	2.80	131	1007.7
XSECTION	8	RUNOFF	.00	2.27	---	2.45	6	********
XSECTION	9	ADDHYD	.14	2.45	---	2.79	133	950.0
STRUCTURE	9	RESVOR	.14	2.45	1339.23	2.83	132	942.9
XSECTION	10	RUNOFF	.00	1.87	---	2.50T	3T	********
XSECTION	11	ADDHYD	.14	2.44	---	2.83	133	950.0
XSECTION	12	RUNOFF	.01	2.15	---	2.45	18	1800.0
XSECTION	13	ADDHYD	.15	2.42	---	2.81	138	920.0
STRUCTURE	13	RESVOR	.15	2.42	1337.13	3.01	127	846.7
XSECTION	14	RUNOFF	.02	1.94	---	2.72	18	900.0
XSECTION	15	ADDHYD	.16	2.37	---	2.97	140	875.0
XSECTION	16	RUNOFF	.01	1.87	---	2.57	7	700.0
XSECTION	17	ADDHYD	.17	2.36	---	2.96	143	841.2
XSECTION	18	RUNOFF	.01	1.94	---	2.66	11	1100.0
XSECTION	19	ADDHYD	.18	2.34	---	2.94	150	833.3
XSECTION	20	RUNOFF	.01	2.61	---	2.45	26	2600.0
XSECTION	21	ADDHYD	.19	2.35	---	2.93	155	815.8

SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	PEAK DISCHARGE ELEVATION (FT)	TIME (HR)	RATE (CFS)	RATE (CSM)
ALTERNATE 12 STORM 2							
STRUCTURE 21	RESVOR	.19	2.35	1336.15	3.28	129	678.9
RAINFALL OF 4.02 inches AND 6.00 hr DURATION, BEGINS AT .0 hrs.							
ALTERNATE 13 STORM 3	10-YR 6-HR MDL						
XSECTION 1	RUNOFF	.09	2.84	---	2.70	139	1544.4
STRUCTURE 1	RESVOR	.09	2.84	1348.07	2.98	99	1100.0
XSECTION 2	RUNOFF	.03	3.79	---	2.63	71	2366.7
XSECTION 3	ADDHYD	.12	3.09	---	2.81	146	1216.7
XSECTION 4	RUNOFF	.01	2.39	---	2.77	16	1600.0
XSECTION 5	ADDHYD	.13	3.02	---	2.80	162	1246.2
XSECTION 6	RUNOFF	.00	2.38	---	2.55	5	********
XSECTION 7	ADDHYD	.13	3.01	---	2.79	165	1269.2
XSECTION 8	RUNOFF	.00	2.82	---	2.45	7	********
XSECTION 9	ADDHYD	.14	3.01	---	2.78	167	1192.9
STRUCTURE 9	RESVOR	.14	3.01	1339.42	2.83	166	1185.7
XSECTION 10	RUNOFF	.00	2.39	---	2.49T	4T	********
XSECTION 11	ADDHYD	.14	3.00	---	2.82	168	1200.0
XSECTION 12	RUNOFF	.01	2.70	---	2.45	23	2300.0
XSECTION 13	ADDHYD	.15	2.98	---	2.80	174	1160.0
STRUCTURE 13	RESVOR	.15	2.98	1337.48	2.99	161	1073.3
XSECTION 14	RUNOFF	.02	2.47	---	2.71	23	1150.0
XSECTION 15	ADDHYD	.16	2.93	---	2.94	178	1112.5
XSECTION 16	RUNOFF	.01	2.39	---	2.56	9	900.0
XSECTION 17	ADDHYD	.17	2.91	---	2.93	182	1070.6
XSECTION 18	RUNOFF	.01	2.47	---	2.66	14	1400.0
XSECTION 19	ADDHYD	.18	2.89	---	2.91	191	1061.1
XSECTION 20	RUNOFF	.01	3.19	---	2.44	32	3200.0
XSECTION 21	ADDHYD	.19	2.91	---	2.89	197	1036.8
STRUCTURE 21	RESVOR	.19	2.90	1336.54	3.23	167	878.9

SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

RAINFALL OF 4.63 inches AND 6.00 hr DURATION, BEGINS AT .0 hrs.

ALTERNATE 14 STORM 4 25-YR 6-HR MSL

XSECTION/ STRUCTURE ID		STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	PEAK DISCHARGE ELEVATION (FT)	TIME (HR)	RATE (CFS)	RATE (CSM)
XSECTION	1	RUNOFF	.09	3.41	---	2.70	166	1844.4
STRUCTURE	1	RESVOR	.09	3.41	1348.56	2.97	120	1333.3
XSECTION	2	RUNOFF	.03	4.40	---	2.62	82	2733.3
XSECTION	3	ADDHYD	.12	3.68	---	2.80	176	1466.7
XSECTION	4	RUNOFF	.01	2.93	---	2.76	20	2000.0
XSECTION	5	ADDHYD	.13	3.60	---	2.80	195	1500.0
XSECTION	6	RUNOFF	.00	2.93	---	2.55	6	********
XSECTION	7	ADDHYD	.13	3.59	---	2.79	199	1530.8
XSECTION	8	RUNOFF	.00	3.35	---	2.45	8	********
XSECTION	9	ADDHYD	.14	3.59	---	2.78	202	1442.9
STRUCTURE	9	RESVOR	.14	3.59	1339.62	2.82	201	1435.7
XSECTION	10	RUNOFF	.00	2.93	---	2.49T	5T	********
XSECTION	11	ADDHYD	.14	3.58	---	2.81	202	1442.9
XSECTION	12	RUNOFF	.01	3.27	---	2.45	28	2800.0
XSECTION	13	ADDHYD	.15	3.56	---	2.79	210	1400.0
STRUCTURE	13	RESVOR	.15	3.56	1337.82	2.98	195	1300.0
XSECTION	14	RUNOFF	.02	3.02	---	2.70	29	1450.0
XSECTION	15	ADDHYD	.16	3.50	---	2.93	217	1356.3
XSECTION	16	RUNOFF	.01	2.93	---	2.56	11	1100.0
XSECTION	17	ADDHYD	.17	3.49	---	2.92	221	1300.0
XSECTION	18	RUNOFF	.01	3.02	---	2.66	17	1700.0
XSECTION	19	ADDHYD	.18	3.46	---	2.89	233	1294.4
XSECTION	20	RUNOFF	.01	3.79	---	2.44	37	3700.0
XSECTION	21	ADDHYD	.19	3.48	---	2.87	241	1268.4

SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	PEAK DISCHARGE ELEVATION (FT)	PEAK DISCHARGE TIME (HR)	PEAK DISCHARGE RATE (CFS)	PEAK DISCHARGE RATE (CSM)
ALTERNATE 14 STORM 4							
STRUCTURE 21	RESVOR	.19	3.48	1336.93	3.20	206	1084.2
RAINFALL OF 5.20 inches AND 6.00 hr DURATION, BEGINS AT .0 hrs.							
ALTERNATE 15 STORM 5			50-YR 6-HR M & L				
XSECTION 1	RUNOFF	.09	3.95	---	2.70	192	2133.3
STRUCTURE 1	RESVOR	.09	3.96	1349.01	2.96	141	1566.7
XSECTION 2	RUNOFF	.03	4.97	---	2.62	92	3066.7
XSECTION 3	ADDHYD	.12	4.23	---	2.80	203	1691.7
XSECTION 4	RUNOFF	.01	3.45	---	2.76	24	2400.0
XSECTION 5	ADDHYD	.13	4.15	---	2.79	227	1746.2
XSECTION 6	RUNOFF	.00	3.45	---	2.55	7	********
XSECTION 7	ADDHYD	.13	4.14	---	2.78	231	1776.9
XSECTION 8	RUNOFF	.00	3.89	---	2.45	10	********
XSECTION 9	ADDHYD	.14	4.13	---	2.78	234	1671.4
STRUCTURE 9	RESVOR	.14	4.13	1339.81	2.82	233	1664.3
XSECTION 10	RUNOFF	.00	3.45	---	2.49	6	********
XSECTION 11	ADDHYD	.14	4.12	---	2.81	235	1678.6
XSECTION 12	RUNOFF	.01	3.76	---	2.45	32	3200.0
XSECTION 13	ADDHYD	.15	4.10	---	2.79	243	1620.0
STRUCTURE 13	RESVOR	.15	4.10	1338.12	2.96	228	1520.0
XSECTION 14	RUNOFF	.02	3.55	---	2.70	34	1700.0
XSECTION 15	ADDHYD	.16	4.04	---	2.92	254	1587.5
XSECTION 16	RUNOFF	.01	3.45	---	2.56	13	1300.0
XSECTION 17	ADDHYD	.17	4.03	---	2.91	259	1523.5
XSECTION 18	RUNOFF	.01	3.55	---	2.65	20	2000.0
XSECTION 19	ADDHYD	.18	4.00	---	2.88	273	1516.7
XSECTION 20	RUNOFF	.01	4.35	---	2.44	42	4200.0
XSECTION 21	ADDHYD	.19	4.02	---	2.86	282	1484.2
STRUCTURE 21	RESVOR	.19	4.02	1337.26	3.17	244	1284.2

SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	PEAK DISCHARGE ELEVATION (FT)	PEAK DISCHARGE TIME (HR)	PEAK DISCHARGE RATE (CFS)	PEAK DISCHARGE RATE (CSM)
RAINFALL OF 5.94 inches AND 6.00 hr DURATION, BEGINS AT .0 hrs.							
ALTERNATE 16 STORM 6				100-YR 6-HR M&L			
XSECTION 1	RUNOFF	.09	4.67	---	2.70	226	2511.1
STRUCTURE 1	RESVOR	.09	4.67	1349.27	3.01	151	1677.8
XSECTION 2	RUNOFF	.03	5.71	---	2.62	106	3533.3
XSECTION 3	ADDHYD	.12	4.95	---	2.75	236	1966.7
XSECTION 4	RUNOFF	.01	4.14	---	2.75	28	2800.0
XSECTION 5	ADDHYD	.13	4.87	---	2.75	264	2030.8
XSECTION 6	RUNOFF	.00	4.14	---	2.55	9	********
XSECTION 7	ADDHYD	.13	4.85	---	2.74	270	2076.9
XSECTION 8	RUNOFF	.00	4.62	---	2.44	11	********
XSECTION 9	ADDHYD	.14	4.85	---	2.74	273	1950.0
STRUCTURE 9	RESVOR	.14	4.85	1340.03	2.77	272	1942.9
XSECTION 10	RUNOFF	.00	4.14	---	2.49	7	********
XSECTION 11	ADDHYD	.14	4.84	---	2.77	274	1957.1
XSECTION 12	RUNOFF	.01	4.46	---	2.45	38	3800.0
XSECTION 13	ADDHYD	.15	4.82	---	2.75	286	1906.7
STRUCTURE 13	RESVOR	.15	4.82	1338.42	2.91	264	1760.0
XSECTION 14	RUNOFF	.02	4.24	---	2.70	40	2000.0
XSECTION 15	ADDHYD	.16	4.76	---	2.87	298	1862.5
XSECTION 16	RUNOFF	.01	4.14	---	2.56	16	1600.0
XSECTION 17	ADDHYD	.17	4.74	---	2.86	305	1794.1
XSECTION 18	RUNOFF	.01	4.25	---	2.65	24	2400.0
XSECTION 19	ADDHYD	.18	4.71	---	2.84	324	1800.0
XSECTION 20	RUNOFF	.01	5.08	---	2.44	49	4900.0
XSECTION 21	ADDHYD	.19	4.73	---	2.82	335	1763.2

SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	PEAK DISCHARGE ELEVATION (FT)	PEAK DISCHARGE TIME (HR)	PEAK DISCHARGE RATE (CFS)	PEAK DISCHARGE RATE (CSM)
ALTERNATE 16 STORM 6							
STRUCTURE 21	RESVOR	.19	4.73	1337.61	3.12	288	1515.8

RAINFALL OF 3.48 inches AND 24.00 hr DURATION, BEGINS AT .0 hrs.
RAINTABLE NUMBER 2, AMC 2

ALTERNATE 21 STORM 1 — 2-YR 24-HR TYPE II (BUILT-IN)

XSECTION	1	RUNOFF	.09	2.34	---	12.27	91	1011.1
STRUCTURE	1	RESVOR	.09	2.34	1347.22	12.57	61	677.8
XSECTION	2	RUNOFF	.03	3.24	---	12.20	47	1566.7
XSECTION	3	ADDHYD	.12	2.58	---	12.37	91	758.3
XSECTION	4	RUNOFF	.01	1.92	---	12.33	10	1000.0
XSECTION	5	ADDHYD	.13	2.52	---	12.36	102	784.6
XSECTION	6	RUNOFF	.00	1.92	---	12.12T	3T********	
XSECTION	7	ADDHYD	.13	2.51	---	12.35	104	800.0
XSECTION	8	RUNOFF	.00	2.32	---	12.04T	5T********	
XSECTION	9	ADDHYD	.14	2.50	---	12.34	105	750.0
STRUCTURE	9	RESVOR	.14	2.50	1339.07	12.37	105	750.0
XSECTION	10	RUNOFF	.00	1.91	---	12.07T	3T********	
XSECTION	11	ADDHYD	.14	2.49	---	12.37	106	757.1
XSECTION	12	RUNOFF	.01	2.21	---	12.04	15	1500.0
XSECTION	13	ADDHYD	.15	2.48	---	12.35	110	733.3
STRUCTURE	13	RESVOR	.15	2.48	1336.79	12.59	98	653.3
XSECTION	14	RUNOFF	.02	2.00	---	12.28	15	750.0
XSECTION	15	ADDHYD	.16	2.43	---	12.53	108	675.0
XSECTION	16	RUNOFF	.01	1.92	---	12.14	6	600.0
XSECTION	17	ADDHYD	.17	2.41	---	12.52	111	652.9
XSECTION	18	RUNOFF	.01	2.00	---	12.22	9	900.0
XSECTION	19	ADDHYD	.18	2.39	---	12.48	116	644.4
XSECTION	20	RUNOFF	.01	2.68	---	12.03	21	2100.0
XSECTION	21	ADDHYD	.19	2.41	---	12.46	120	631.6

SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	PEAK DISCHARGE ELEVATION (FT)	PEAK DISCHARGE TIME (HR)	PEAK DISCHARGE RATE (CFS)	PEAK DISCHARGE RATE (CSM)
ALTERNATE 21 STORM 1							
STRUCTURE 21	RESVOR	.19	2.41	1335.79	12.86	98	515.8
RAINFALL OF 4.55 inches AND 24.00 hr DURATION, BEGINS AT .0 hrs.							
ALTERNATE 22 STORM 2							
XSECTION 1	RUNOFF	.09	3.34	---	12.28	129	1433.3
STRUCTURE 1	RESVOR	.09	3.34	1347.88	12.54	91	1011.1
XSECTION 2	RUNOFF	.03	4.31	---	12.20	62	2066.7
XSECTION 3	ADDHYD	.12	3.60	---	12.38	132	1100.0
XSECTION 4	RUNOFF	.01	2.86	---	12.32	16	1600.0
XSECTION 5	ADDHYD	.13	3.53	---	12.37	147	1130.8
XSECTION 6	RUNOFF	.00	2.86	---	12.12	5	********
XSECTION 7	ADDHYD	.13	3.51	---	12.36	150	1153.8
XSECTION 8	RUNOFF	.00	3.32	---	12.03	6	********
XSECTION 9	ADDHYD	.14	3.51	---	12.36	152	1085.7
STRUCTURE 9	RESVOR	.14	3.51	1339.33	12.40	151	1078.6
XSECTION 10	RUNOFF	.00	2.86	---	12.07T	4T	********
XSECTION 11	ADDHYD	.14	3.50	---	12.39	152	1085.7
XSECTION 12	RUNOFF	.01	3.18	---	12.03	22	2200.0
XSECTION 13	ADDHYD	.15	3.48	---	12.37	157	1046.7
STRUCTURE 13	RESVOR	.15	3.48	1337.31	12.56	144	960.0
XSECTION 14	RUNOFF	.02	2.95	---	12.27	22	1100.0
XSECTION 15	ADDHYD	.16	3.43	---	12.51	160	1000.0
XSECTION 16	RUNOFF	.01	2.86	---	12.13	9	900.0
XSECTION 17	ADDHYD	.17	3.41	---	12.50	164	964.7
XSECTION 18	RUNOFF	.01	2.95	---	12.22	13	1300.0
XSECTION 19	ADDHYD	.18	3.39	---	12.47	172	955.6
XSECTION 20	RUNOFF	.01	3.72	---	12.03	29	2900.0
XSECTION 21	ADDHYD	.19	3.41	---	12.45	177	931.6
STRUCTURE 21	RESVOR	.19	3.40	1336.36	12.77	149	784.2

5-YR 24-HR TYPE II (BUILT-IN)

SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

RAINFALL OF 5.25 inches AND 24.00 hr DURATION, BEGINS AT .0 hrs.

ALTERNATE 23 STORM 3 10-YR 24-HR TYPE II (BUILT-IN)

XSECTION/ STRUCTURE ID		STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	PEAK DISCHARGE ELEVATION (FT)	TIME (HR)	RATE (CFS)	RATE (CSM)
XSECTION	1	RUNOFF	.09	4.01	---	12.27	154	1711.1
STRUCTURE	1	RESVOR	.09	4.01	1348.32	12.53	110	1222.2
XSECTION	2	RUNOFF	.03	5.00	---	12.20	71	2366.7
XSECTION	3	ADDHYD	.12	4.28	---	12.37	158	1316.7
XSECTION	4	RUNOFF	.01	3.49	---	12.32	19	1900.0
XSECTION	5	ADDHYD	.13	4.20	---	12.36	178	1369.2
XSECTION	6	RUNOFF	.00	3.49	---	12.12	6	********
XSECTION	7	ADDHYD	.13	4.19	---	12.36	181	1392.3
XSECTION	8	RUNOFF	.00	3.99	---	12.03	8	********
XSECTION	9	ADDHYD	.14	4.18	---	12.35	183	1307.1
STRUCTURE	9	RESVOR	.14	4.18	1339.51	12.39	182	1300.0
XSECTION	10	RUNOFF	.00	3.49	---	12.06T	5T	********
XSECTION	11	ADDHYD	.14	4.17	---	12.38	183	1307.1
XSECTION	12	RUNOFF	.01	3.85	---	12.03	26	2600.0
XSECTION	13	ADDHYD	.15	4.15	---	12.36	189	1260.0
STRUCTURE	13	RESVOR	.15	4.15	1337.62	12.54	175	1166.7
XSECTION	14	RUNOFF	.02	3.60	---	12.27	27	1350.0
XSECTION	15	ADDHYD	.16	4.10	---	12.49	195	1218.8
XSECTION	16	RUNOFF	.01	3.50	---	12.13	11	1100.0
XSECTION	17	ADDHYD	.17	4.08	---	12.48	199	1170.6
XSECTION	18	RUNOFF	.01	3.60	---	12.21	16	1600.0
XSECTION	19	ADDHYD	.18	4.05	---	12.45	210	1166.7
XSECTION	20	RUNOFF	.01	4.41	---	12.03	34	3400.0
XSECTION	21	ADDHYD	.19	4.07	---	12.43	216	1136.8

SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	PEAK DISCHARGE ELEVATION (FT)	PEAK DISCHARGE TIME (HR)	PEAK DISCHARGE RATE (CFS)	PEAK DISCHARGE RATE (CSM)
ALTERNATE 23 STORM 3							
STRUCTURE 21	RESVOR	.19	4.07	1336.70	12.75	183	963.2
RAINFALL OF 6.10 inches AND 24.00 hr DURATION, BEGINS AT .0 hrs.							
ALTERNATE 24 STORM 4				25-YR 24-HR TYPE II (BUILT-IN)			
XSECTION 1	RUNOFF	.09	4.82	---	12.27	183	2033.3
STRUCTURE 1	RESVOR	.09	4.82	1348.83	12.53	132	1466.7
XSECTION 2	RUNOFF	.03	5.86	---	12.20	84	2800.0
XSECTION 3	ADDHYD	.12	5.10	---	12.37	190	1583.3
XSECTION 4	RUNOFF	.01	4.29	---	12.32	23	2300.0
XSECTION 5	ADDHYD	.13	5.02	---	12.36	213	1638.5
XSECTION 6	RUNOFF	.00	4.28	---	12.12	7	********
XSECTION 7	ADDHYD	.13	5.01	---	12.35	217	1669.2
XSECTION 8	RUNOFF	.00	4.81	---	12.03	9	********
XSECTION 9	ADDHYD	.14	5.01	---	12.35	219	1564.3
STRUCTURE 9	RESVOR	.14	5.01	1339.72	12.38	218	1557.1
XSECTION 10	RUNOFF	.00	4.28	---	12.06	6	********
XSECTION 11	ADDHYD	.14	5.00	---	12.38	220	1571.4
XSECTION 12	RUNOFF	.01	4.65	---	12.03	31	3100.0
XSECTION 13	ADDHYD	.15	4.98	---	12.36	227	1513.3
STRUCTURE 13	RESVOR	.15	4.97	1337.98	12.53	211	1406.7
XSECTION 14	RUNOFF	.02	4.39	---	12.27	33	1650.0
XSECTION 15	ADDHYD	.16	4.92	---	12.48	235	1468.8
XSECTION 16	RUNOFF	.01	4.28	---	12.13	13	1300.0
XSECTION 17	ADDHYD	.17	4.90	---	12.47	240	1411.8
XSECTION 18	RUNOFF	.01	4.40	---	12.21	20	2000.0
XSECTION 19	ADDHYD	.18	4.87	---	12.44	254	1411.1
XSECTION 20	RUNOFF	.01	5.24	---	12.03	40	4000.0
XSECTION 21	ADDHYD	.19	4.89	---	12.42	262	1378.9
STRUCTURE 21	RESVOR	.19	4.89	1337.10	12.72	225	1184.2

SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	PEAK DISCHARGE ELEVATION (FT)	PEAK DISCHARGE TIME (HR)	PEAK DISCHARGE RATE (CFS)	PEAK DISCHARGE RATE (CSM)
RAINFALL OF 6.98 inches AND 24.00 hr DURATION, BEGINS AT .0 hrs.							
ALTERNATE 25 STORM 5				50-YR 24-HR TYPE II (BUILT-IN)			
XSECTION 1	RUNOFF	.09	5.69	---	12.26	216	2400.0
STRUCTURE 1	RESVOR	.09	5.69	1349.15	12.55	146	1622.2
XSECTION 2	RUNOFF	.03	6.73	---	12.20	96	3200.0
XSECTION 3	ADDHYD	.12	5.97	---	12.34	221	1841.7
XSECTION 4	RUNOFF	.01	5.12	---	12.31	28	2800.0
XSECTION 5	ADDHYD	.13	5.89	---	12.34	249	1915.4
XSECTION 6	RUNOFF	.00	5.12	---	12.11	9	********
XSECTION 7	ADDHYD	.13	5.87	---	12.33	254	1953.8
XSECTION 8	RUNOFF	.00	5.66	---	12.03	11	********
XSECTION 9	ADDHYD	.14	5.87	---	12.32	257	1835.7
STRUCTURE 9	RESVOR	.14	5.87	1339.94	12.36	255	1821.4
XSECTION 10	RUNOFF	.00	5.12	---	12.06	7	********
XSECTION 11	ADDHYD	.14	5.86	---	12.35	257	1835.7
XSECTION 12	RUNOFF	.01	5.51	---	12.03	37	3700.0
XSECTION 13	ADDHYD	.15	5.84	---	12.34	266	1773.3
STRUCTURE 13	RESVOR	.15	5.84	1338.28	12.50	246	1640.0
XSECTION 14	RUNOFF	.02	5.24	---	12.26	40	2000.0
XSECTION 15	ADDHYD	.16	5.78	---	12.45	277	1731.3
XSECTION 16	RUNOFF	.01	5.12	---	12.12	16	1600.0
XSECTION 17	ADDHYD	.17	5.76	---	12.44	284	1670.6
XSECTION 18	RUNOFF	.01	5.23	---	12.21	23	2300.0
XSECTION 19	ADDHYD	.18	5.73	---	12.42	301	1672.2
XSECTION 20	RUNOFF	.01	6.11	---	12.03	46	4600.0
XSECTION 21	ADDHYD	.19	5.75	---	12.40	310	1631.6

SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	PEAK DISCHARGE ELEVATION (FT)	PEAK DISCHARGE TIME (HR)	PEAK DISCHARGE RATE (CFS)	PEAK DISCHARGE RATE (CSM)
ALTERNATE 25 STORM 5							
STRUCTURE 21	RESVOR	.19	5.75	1337.44	12.68	267	1405.3
RAINFALL OF 7.80 inches AND 24.00 hr DURATION, BEGINS AT .0 hrs.							
ALTERNATE 26 STORM 6				100-YR 24-HR TYPE II (BUILT-IN)			
XSECTION 1	RUNOFF	.09	6.48	---	12.27	243	2700.0
STRUCTURE 1	RESVOR	.09	6.48	1349.38	12.58	156	1733.3
XSECTION 2	RUNOFF	.03	7.55	---	12.20	107	3566.7
XSECTION 3	ADDHYD	.12	6.77	---	12.30	240	2000.0
XSECTION 4	RUNOFF	.01	5.90	---	12.31	32	3200.0
XSECTION 5	ADDHYD	.13	6.69	---	12.30	272	2092.3
XSECTION 6	RUNOFF	.00	5.90	---	12.12	10	********
XSECTION 7	ADDHYD	.13	6.67	---	12.29	279	2146.2
XSECTION 8	RUNOFF	.00	6.46	---	12.03	12	********
XSECTION 9	ADDHYD	.14	6.67	---	12.28	285	2035.7
STRUCTURE 9	RESVOR	.14	6.66	1340.08	12.33	283	2021.4
XSECTION 10	RUNOFF	.00	5.90	---	12.06	8	********
XSECTION 11	ADDHYD	.14	6.65	---	12.32	286	2042.9
XSECTION 12	RUNOFF	.01	6.31	---	12.03	42	4200.0
XSECTION 13	ADDHYD	.15	6.63	---	12.30	298	1986.7
STRUCTURE 13	RESVOR	.15	6.63	1338.50	12.46	273	1820.0
XSECTION 14	RUNOFF	.02	6.01	---	12.26	45	2250.0
XSECTION 15	ADDHYD	.16	6.57	---	12.43	311	1943.8
XSECTION 16	RUNOFF	.01	5.90	---	12.13	18	1800.0
XSECTION 17	ADDHYD	.17	6.55	---	12.41	320	1882.4
XSECTION 18	RUNOFF	.01	6.01	---	12.21	27	2700.0
XSECTION 19	ADDHYD	.18	6.52	---	12.39	340	1888.9
XSECTION 20	RUNOFF	.01	6.92	---	12.03	52	5200.0
XSECTION 21	ADDHYD	.19	6.54	---	12.37	352	1852.6
STRUCTURE 21	RESVOR	.19	6.54	1337.73	12.64	301	1584.2

SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	PEAK DISCHARGE ELEVATION (FT)	TIME (HR)	RATE (CFS)	RATE (CSM)

RAINFALL OF 3.48 inches AND 24.00 hr DURATION, BEGINS AT .0 hrs.
RAINTABLE NUMBER 9, AMC 2

ALTERNATE 31 STORM 1 2-YR 24-HR TYPE II (TABLE)

XSECTION	1	RUNOFF	.09	2.34	---	12.20	82	911.1
STRUCTURE	1	RESVOR	.09	2.34	1347.13	12.51	58	644.4
XSECTION	2	RUNOFF	.03	3.24	---	12.14	42	1400.0
XSECTION	3	ADDHYD	.12	2.58	---	12.30	87	725.0
XSECTION	4	RUNOFF	.01	1.92	---	12.25	9	900.0
XSECTION	5	ADDHYD	.13	2.52	---	12.29	96	738.5
XSECTION	6	RUNOFF	.00	1.92	---	12.06T	3T	********
XSECTION	7	ADDHYD	.13	2.50	---	12.28	98	753.8
XSECTION	8	RUNOFF	.00	2.32	---	11.98T	3T	********
XSECTION	9	ADDHYD	.14	2.50	---	12.27	99	707.1
STRUCTURE	9	RESVOR	.14	2.50	1339.03	12.33	99	707.1
XSECTION	10	RUNOFF	.00	1.91	---	12.00T	2T	********
XSECTION	11	ADDHYD	.14	2.49	---	12.32	100	714.3
XSECTION	12	RUNOFF	.01	2.20	---	11.98	11	1100.0
XSECTION	13	ADDHYD	.15	2.48	---	12.29	103	686.7
STRUCTURE	13	RESVOR	.15	2.48	1336.73	12.54	94	626.7
XSECTION	14	RUNOFF	.02	2.00	---	12.20	14	700.0
XSECTION	15	ADDHYD	.16	2.43	---	12.48	103	643.8
XSECTION	16	RUNOFF	.01	1.92	---	12.07T	5T	500.0
XSECTION	17	ADDHYD	.17	2.41	---	12.47	105	617.6
XSECTION	18	RUNOFF	.01	2.00	---	12.15	8	800.0
XSECTION	19	ADDHYD	.18	2.39	---	12.43	110	611.1

SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	PEAK DISCHARGE ELEVATION (FT)	PEAK DISCHARGE TIME (HR)	PEAK DISCHARGE RATE (CFS)	PEAK DISCHARGE RATE (CSM)
ALTERNATE 31 STORM 1							
XSECTION 20	RUNOFF	.01	2.68	---	11.98	16	1600.0
XSECTION 21	ADDHYD	.19	2.41	---	12.42	114	600.0
STRUCTURE 21	RESVOR	.19	2.40	1335.75	12.82	95	500.0
RAINFALL OF 4.55 inches AND 24.00 hr DURATION, BEGINS AT .0 hrs.							
ALTERNATE 32 STORM 2							
XSECTION 1	RUNOFF	.09	3.34	---	12.20	117	1300.0
STRUCTURE 1	RESVOR	.09	3.34	1347.76	12.48	86	955.6
XSECTION 2	RUNOFF	.03	4.31	---	12.14	56	1866.7
XSECTION 3	ADDHYD	.12	3.60	---	12.32	125	1041.7
XSECTION 4	RUNOFF	.01	2.86	---	12.24	14	1400.0
XSECTION 5	ADDHYD	.13	3.53	---	12.31	139	1069.2
XSECTION 6	RUNOFF	.00	2.86	---	12.06T	4T	********
XSECTION 7	ADDHYD	.13	3.52	---	12.30	142	1092.3
XSECTION 8	RUNOFF	.00	3.32	---	11.98	5	********
XSECTION 9	ADDHYD	.14	3.51	---	12.29	143	1021.4
STRUCTURE 9	RESVOR	.14	3.51	1339.29	12.33	143	1021.4
XSECTION 10	RUNOFF	.00	2.86	---	12.01T	3T	********
XSECTION 11	ADDHYD	.14	3.50	---	12.33	144	1028.6
XSECTION 12	RUNOFF	.01	3.19	---	11.98	16	1600.0
XSECTION 13	ADDHYD	.15	3.48	---	12.30	149	993.3
STRUCTURE 13	RESVOR	.15	3.48	1337.25	12.50	138	920.0
XSECTION 14	RUNOFF	.02	2.95	---	12.19	20	1000.0
XSECTION 15	ADDHYD	.16	3.43	---	12.45	153	956.3
XSECTION 16	RUNOFF	.01	2.86	---	12.06	7	700.0
XSECTION 17	ADDHYD	.17	3.41	---	12.44	156	917.6
XSECTION 18	RUNOFF	.01	2.95	---	12.15	12	1200.0
XSECTION 19	ADDHYD	.18	3.39	---	12.42	164	911.1
XSECTION 20	RUNOFF	.01	3.72	---	11.98	21	2100.0

5-YR 24-HR TYPE II (TABLE)

SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STRUCTURE ID		STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	PEAK DISCHARGE ELEVATION (FT)	TIME (HR)	RATE (CFS)	RATE (CSM)
ALTERNATE 32 STORM 2								
XSECTION	21	ADDHYD	.19	3.41	---	12.40	169	889.5
STRUCTURE	21	RESVOR	.19	3.41	1336.31	12.73	144	757.9
RAINFALL OF 5.25 inches AND 24.00 hr DURATION, BEGINS AT .0 hrs.								
ALTERNATE 33 STORM 3								
XSECTION	1	RUNOFF	.09	4.01	---	12.20	139	1544.4
STRUCTURE	1	RESVOR	.09	4.01	1348.17	12.47	103	1144.4
XSECTION	2	RUNOFF	.03	5.01	---	12.14	65	2166.7
XSECTION	3	ADDHYD	.12	4.28	---	12.32	150	1250.0
XSECTION	4	RUNOFF	.01	3.49	---	12.24	17	1700.0
XSECTION	5	ADDHYD	.13	4.20	---	12.31	167	1284.6
XSECTION	6	RUNOFF	.00	3.49	---	12.06T	5T	********
XSECTION	7	ADDHYD	.13	4.19	---	12.30	170	1307.7
XSECTION	8	RUNOFF	.00	3.99	---	11.98	6	********
XSECTION	9	ADDHYD	.14	4.18	---	12.29	172	1228.6
STRUCTURE	9	RESVOR	.14	4.18	1339.45	12.33	171	1221.4
XSECTION	10	RUNOFF	.00	3.49	---	12.00T	4T	********
XSECTION	11	ADDHYD	.14	4.17	---	12.32	173	1235.7
XSECTION	12	RUNOFF	.01	3.85	---	11.98	19	1900.0
XSECTION	13	ADDHYD	.15	4.15	---	12.30	179	1193.3
STRUCTURE	13	RESVOR	.15	4.15	1337.54	12.49	167	1113.3
XSECTION	14	RUNOFF	.02	3.59	---	12.19	25	1250.0
XSECTION	15	ADDHYD	.16	4.10	---	12.44	185	1156.3
XSECTION	16	RUNOFF	.01	3.50	---	12.06	9	900.0
XSECTION	17	ADDHYD	.17	4.08	---	12.43	189	1111.8
XSECTION	18	RUNOFF	.01	3.59	---	12.15	14	1400.0
XSECTION	19	ADDHYD	.18	4.05	---	12.40	199	1105.6
XSECTION	20	RUNOFF	.01	4.41	---	11.98	25	2500.0
XSECTION	21	ADDHYD	.19	4.07	---	12.38	205	1078.9

10-YR 24-HR TYPE II (TABLE)

SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	PEAK DISCHARGE ELEVATION (FT)	PEAK DISCHARGE TIME (HR)	PEAK DISCHARGE RATE (CFS)	PEAK DISCHARGE RATE (CSM)
ALTERNATE 33 STORM 3							
STRUCTURE 21	RESVOR	.19	4.07	1336.64	12.70	177	931.6
RAINFALL OF 6.10 inches AND 24.00 hr DURATION, BEGINS AT .0 hrs.							
ALTERNATE 34 STORM 4							
XSECTION 1	RUNOFF	.09	4.83	---	12.20	168	1866.7
STRUCTURE 1	RESVOR	.09	4.83	1348.67	12.46	125	1388.9
XSECTION 2	RUNOFF	.03	5.86	---	12.14	75	2500.0
XSECTION 3	ADDHYD	.12	5.11	---	12.32	180	1500.0
XSECTION 4	RUNOFF	.01	4.29	---	12.24	21	2100.0
XSECTION 5	ADDHYD	.13	5.03	---	12.30	201	1546.2
XSECTION 6	RUNOFF	.00	4.29	---	12.06	6	********
XSECTION 7	ADDHYD	.13	5.01	---	12.29	205	1576.9
XSECTION 8	RUNOFF	.00	4.81	---	11.98	7	********
XSECTION 9	ADDHYD	.14	5.01	---	12.28	208	1485.7
STRUCTURE 9	RESVOR	.14	5.01	1339.66	12.32	207	1478.6
XSECTION 10	RUNOFF	.00	4.28	---	12.00T	4T	********
XSECTION 11	ADDHYD	.14	5.00	---	12.32	208	1485.7
XSECTION 12	RUNOFF	.01	4.66	---	11.98	23	2300.0
XSECTION 13	ADDHYD	.15	4.98	---	12.29	216	1440.0
STRUCTURE 13	RESVOR	.15	4.98	1337.89	12.47	202	1346.7
XSECTION 14	RUNOFF	.02	4.39	---	12.19	30	1500.0
XSECTION 15	ADDHYD	.16	4.92	---	12.43	224	1400.0
XSECTION 16	RUNOFF	.01	4.29	---	12.06	11	1100.0
XSECTION 17	ADDHYD	.17	4.90	---	12.41	229	1347.1
XSECTION 18	RUNOFF	.01	4.39	---	12.14	17	1700.0
XSECTION 19	ADDHYD	.18	4.87	---	12.38	242	1344.4
XSECTION 20	RUNOFF	.01	5.24	---	11.98	30	3000.0
XSECTION 21	ADDHYD	.19	4.90	---	12.36	250	1315.8
STRUCTURE 21	RESVOR	.19	4.89	1337.04	12.67	217	1142.1

25-YR 24-HR TYPE II (TABLE)

SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

RAINFALL OF 6.98 inches AND 24.00 hr DURATION, BEGINS AT .0 hrs.

ALTERNATE 35 STORM 5 50-YR 24-HR TYPE II (TABLE)

XSECTION/ STRUCTURE ID		STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	PEAK DISCHARGE ELEVATION (FT)	TIME (HR)	RATE (CFS)	RATE (CSM)
XSECTION	1	RUNOFF	.09	5.69	---	12.20	197	2188.9
STRUCTURE	1	RESVOR	.09	5.69	1349.07	12.48	143	1588.9
XSECTION	2	RUNOFF	.03	6.74	---	12.14	86	2866.7
XSECTION	3	ADDHYD	.12	5.97	---	12.30	211	1758.3
XSECTION	4	RUNOFF	.01	5.12	---	12.24	26	2600.0
XSECTION	5	ADDHYD	.13	5.89	---	12.30	236	1815.4
XSECTION	6	RUNOFF	.00	5.11	---	12.06	7	********
XSECTION	7	ADDHYD	.13	5.87	---	12.29	240	1846.2
XSECTION	8	RUNOFF	.00	5.66	---	11.98	8	********
XSECTION	9	ADDHYD	.14	5.87	---	12.28	243	1735.7
STRUCTURE	9	RESVOR	.14	5.87	1339.87	12.31	242	1728.6
XSECTION	10	RUNOFF	.00	5.12	---	12.01	5	********
XSECTION	11	ADDHYD	.14	5.86	---	12.31	244	1742.9
XSECTION	12	RUNOFF	.01	5.51	---	11.98	27	2700.0
XSECTION	13	ADDHYD	.15	5.84	---	12.28	253	1686.7
STRUCTURE	13	RESVOR	.15	5.84	1338.20	12.44	238	1586.7
XSECTION	14	RUNOFF	.02	5.23	---	12.19	36	1800.0
XSECTION	15	ADDHYD	.16	5.78	---	12.41	265	1656.3
XSECTION	16	RUNOFF	.01	5.12	---	12.06	13	1300.0
XSECTION	17	ADDHYD	.17	5.76	---	12.39	272	1600.0
XSECTION	18	RUNOFF	.01	5.23	---	12.15	21	2100.0
XSECTION	19	ADDHYD	.18	5.73	---	12.37	287	1594.4
XSECTION	20	RUNOFF	.01	6.11	---	11.98	34	3400.0
XSECTION	21	ADDHYD	.19	5.75	---	12.35	296	1557.9

SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	PEAK DISCHARGE ELEVATION (FT)	PEAK DISCHARGE TIME (HR)	PEAK DISCHARGE RATE (CFS)	PEAK DISCHARGE RATE (CSM)
ALTERNATE 35 STORM 5							
STRUCTURE 21	RESVOR	.19	5.75	1337.38	12.64	260	1368.4
RAINFALL OF 7.80 inches AND 24.00 hr DURATION, BEGINS AT .0 hrs.							
ALTERNATE 36 STORM 6							
XSECTION 1	RUNOFF	.09	6.48	---	12.20	222	2466.7
STRUCTURE 1	RESVOR	.09	6.48	1349.28	12.51	152	1688.9
XSECTION 2	RUNOFF	.03	7.56	---	12.14	96	3200.0
XSECTION 3	ADDHYD	.12	6.77	---	12.26	232	1933.3
XSECTION 4	RUNOFF	.01	5.90	---	12.24	29	2900.0
XSECTION 5	ADDHYD	.13	6.68	---	12.25	261	2007.7
XSECTION 6	RUNOFF	.00	5.90	---	12.06	8	********
XSECTION 7	ADDHYD	.13	6.67	---	12.25	267	2053.8
XSECTION 8	RUNOFF	.00	6.46	---	11.98	9	********
XSECTION 9	ADDHYD	.14	6.66	---	12.24	271	1935.7
STRUCTURE 9	RESVOR	.14	6.67	1340.02	12.27	270	1928.6
XSECTION 10	RUNOFF	.00	5.90	---	12.01	6	********
XSECTION 11	ADDHYD	.14	6.66	---	12.27	272	1942.9
XSECTION 12	RUNOFF	.01	6.31	---	11.98	31	3100.0
XSECTION 13	ADDHYD	.15	6.63	---	12.24	285	1900.0
STRUCTURE 13	RESVOR	.15	6.63	1338.42	12.41	264	1760.0
XSECTION 14	RUNOFF	.02	6.02	---	12.19	41	2050.0
XSECTION 15	ADDHYD	.16	6.57	---	12.37	298	1862.5
XSECTION 16	RUNOFF	.01	5.90	---	12.06	15	1500.0
XSECTION 17	ADDHYD	.17	6.55	---	12.36	306	1800.0
XSECTION 18	RUNOFF	.01	6.01	---	12.14	24	2400.0
XSECTION 19	ADDHYD	.18	6.52	---	12.34	325	1805.6
XSECTION 20	RUNOFF	.01	6.92	---	11.98	39	3900.0
XSECTION 21	ADDHYD	.19	6.55	---	12.31	337	1773.7
STRUCTURE 21	RESVOR	.19	6.54	1337.66	12.60	293	1542.1

100-YR 24-HR TYPE II (TABLE)

SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	PEAK DISCHARGE ELEVATION (FT)	PEAK DISCHARGE TIME (HR)	PEAK DISCHARGE RATE (CFS)	PEAK DISCHARGE RATE (CSM)
RAINFALL OF 3.48 inches AND 24.00 hr DURATION, BEGINS AT .0 hrs.							
RAINTABLE NUMBER 8, AMC 2							
ALTERNATE 41 STORM 1				2-YR 24-HR ZONE 5			
XSECTION 1	RUNOFF	.09	2.34	---	12.19	88	977.8
STRUCTURE 1	RESVOR	.09	2.34	1347.25	12.46	63	700.0
XSECTION 2	RUNOFF	.03	3.25	---	12.13	44	1466.7
XSECTION 3	ADDHYD	.12	2.58	---	12.30	94	783.3
XSECTION 4	RUNOFF	.01	1.92	---	12.23	10	1000.0
XSECTION 5	ADDHYD	.13	2.52	---	12.29	104	800.0
XSECTION 6	RUNOFF	.00	1.92	---	12.05T	3T	********
XSECTION 7	ADDHYD	.13	2.50	---	12.27	106	815.4
XSECTION 8	RUNOFF	.00	2.32	---	11.97T	4T	********
XSECTION 9	ADDHYD	.14	2.50	---	12.26	107	764.3
STRUCTURE 9	RESVOR	.14	2.50	1339.08	12.29	107	764.3
XSECTION 10	RUNOFF	.00	1.91	---	12.00T	2T	********
XSECTION 11	ADDHYD	.14	2.49	---	12.28	108	771.4
XSECTION 12	RUNOFF	.01	2.20	---	11.97	12	1200.0
XSECTION 13	ADDHYD	.15	2.48	---	12.25	112	746.7
STRUCTURE 13	RESVOR	.15	2.47	1336.84	12.47	102	680.0
XSECTION 14	RUNOFF	.02	2.00	---	12.18	15	750.0
XSECTION 15	ADDHYD	.16	2.43	---	12.42	112	700.0
XSECTION 16	RUNOFF	.01	1.92	---	12.06	5	500.0
XSECTION 17	ADDHYD	.17	2.41	---	12.40	115	676.5
XSECTION 18	RUNOFF	.01	2.00	---	12.13	9	900.0
XSECTION 19	ADDHYD	.18	2.39	---	12.37	121	672.2

SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	PEAK DISCHARGE ELEVATION (FT)	PEAK DISCHARGE TIME (HR)	PEAK DISCHARGE RATE (CFS)	PEAK DISCHARGE RATE (CSM)
ALTERNATE 41 STORM 1							
XSECTION 20	RUNOFF	.01	2.68	---	11.97	16	1600.0
XSECTION 21	ADDHYD	.19	2.41	---	12.34	124	652.6
STRUCTURE 21	RESVOR	.19	2.41	1335.85	12.73	103	542.1
RAINFALL OF 4.55 inches AND 24.00 hr DURATION, BEGINS AT .0 hrs.							
ALTERNATE 42 STORM 2	5-YR 24-HR ZONE 5						
XSECTION 1	RUNOFF	.09	3.34	---	12.18	124	1377.8
STRUCTURE 1	RESVOR	.09	3.34	1347.92	12.44	93	1033.3
XSECTION 2	RUNOFF	.03	4.31	---	12.13	58	1933.3
XSECTION 3	ADDHYD	.12	3.60	---	12.29	135	1125.0
XSECTION 4	RUNOFF	.01	2.86	---	12.23	15	1500.0
XSECTION 5	ADDHYD	.13	3.53	---	12.28	150	1153.8
XSECTION 6	RUNOFF	.00	2.86	---	12.05T	4T	********
XSECTION 7	ADDHYD	.13	3.51	---	12.27	153	1176.9
XSECTION 8	RUNOFF	.00	3.32	---	11.97	5	********
XSECTION 9	ADDHYD	.14	3.51	---	12.26	155	1107.1
STRUCTURE 9	RESVOR	.14	3.51	1339.35	12.30	154	1100.0
XSECTION 10	RUNOFF	.00	2.86	---	12.00T	3T	********
XSECTION 11	ADDHYD	.14	3.50	---	12.29	155	1107.1
XSECTION 12	RUNOFF	.01	3.19	---	11.97	17	1700.0
XSECTION 13	ADDHYD	.15	3.48	---	12.26	161	1073.3
STRUCTURE 13	RESVOR	.15	3.48	1337.36	12.44	149	993.3
XSECTION 14	RUNOFF	.02	2.95	---	12.18	22	1100.0
XSECTION 15	ADDHYD	.16	3.43	---	12.40	166	1037.5
XSECTION 16	RUNOFF	.01	2.86	---	12.06	8	800.0
XSECTION 17	ADDHYD	.17	3.41	---	12.38	169	994.1
XSECTION 18	RUNOFF	.01	2.95	---	12.13	13	1300.0
XSECTION 19	ADDHYD	.18	3.39	---	12.35	178	988.9
XSECTION 20	RUNOFF	.01	3.72	---	11.97	22	2200.0

SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	PEAK DISCHARGE ELEVATION (FT)	PEAK DISCHARGE TIME (HR)	PEAK DISCHARGE RATE (CFS)	PEAK DISCHARGE RATE (CSM)
ALTERNATE 42 STORM 2							
XSECTION 21	ADDHYD	.19	3.41	---	12.33	183	963.2
STRUCTURE 21	RESVOR	.19	3.40	1336.43	12.64	156	821.1
RAINFALL OF 5.25 inches AND 24.00 hr DURATION, BEGINS AT .0 hrs.							
ALTERNATE 43 STORM 3				10-YR 24-HR ZONE 5			
XSECTION 1	RUNOFF	.09	4.01	---	12.18	148	1644.4
STRUCTURE 1	RESVOR	.09	4.01	1348.36	12.43	112	1244.4
XSECTION 2	RUNOFF	.03	5.00	---	12.13	66	2200.0
XSECTION 3	ADDHYD	.12	4.28	---	12.28	162	1350.0
XSECTION 4	RUNOFF	.01	3.50	---	12.22	19	1900.0
XSECTION 5	ADDHYD	.13	4.20	---	12.28	180	1384.6
XSECTION 6	RUNOFF	.00	3.50	---	12.05	5	********
XSECTION 7	ADDHYD	.13	4.19	---	12.27	184	1415.4
XSECTION 8	RUNOFF	.00	3.99	---	11.97	6	********
XSECTION 9	ADDHYD	.14	4.18	---	12.26	186	1328.6
STRUCTURE 9	RESVOR	.14	4.18	1339.53	12.29	185	1321.4
XSECTION 10	RUNOFF	.00	3.50	---	12.00T	4T	********
XSECTION 11	ADDHYD	.14	4.17	---	12.29	187	1335.7
XSECTION 12	RUNOFF	.01	3.85	---	11.97	20	2000.0
XSECTION 13	ADDHYD	.15	4.15	---	12.25	193	1286.7
STRUCTURE 13	RESVOR	.15	4.15	1337.67	12.43	180	1200.0
XSECTION 14	RUNOFF	.02	3.60	---	12.17	27	1350.0
XSECTION 15	ADDHYD	.16	4.10	---	12.38	200	1250.0
XSECTION 16	RUNOFF	.01	3.50	---	12.06	10	1000.0
XSECTION 17	ADDHYD	.17	4.08	---	12.36	205	1205.9
XSECTION 18	RUNOFF	.01	3.60	---	12.13	15	1500.0
XSECTION 19	ADDHYD	.18	4.06	---	12.34	216	1200.0
XSECTION 20	RUNOFF	.01	4.41	---	11.97	26	2600.0
XSECTION 21	ADDHYD	.19	4.08	---	12.30	223	1173.7

SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	PEAK DISCHARGE ELEVATION (FT)	PEAK DISCHARGE TIME (HR)	PEAK DISCHARGE RATE (CFS)	PEAK DISCHARGE RATE (CSM)
ALTERNATE 43 STORM 3							
STRUCTURE 21	RESVOR	.19	4.07	1336.78	12.62	191	1005.3
RAINFALL OF 6.10 inches AND 24.00 hr DURATION, BEGINS AT .0 hrs.							
ALTERNATE 44 STORM 4	25-YR 24-HR ZONE 5						
XSECTION 1	RUNOFF	.09	4.83	---	12.18	177	1966.7
STRUCTURE 1	RESVOR	.09	4.83	1348.88	12.42	135	1500.0
XSECTION 2	RUNOFF	.03	5.85	---	12.13	77	2566.7
XSECTION 3	ADDHYD	.12	5.10	---	12.28	193	1608.3
XSECTION 4	RUNOFF	.01	4.28	---	12.22	23	2300.0
XSECTION 5	ADDHYD	.13	5.02	---	12.27	216	1661.5
XSECTION 6	RUNOFF	.00	4.28	---	12.05	6	********
XSECTION 7	ADDHYD	.13	5.01	---	12.26	220	1692.3
XSECTION 8	RUNOFF	.00	4.81	---	11.97	7	********
XSECTION 9	ADDHYD	.14	5.00	---	12.25	222	1585.7
STRUCTURE 9	RESVOR	.14	5.01	1339.74	12.29	221	1578.6
XSECTION 10	RUNOFF	.00	4.28	---	11.99T	5T	********
XSECTION 11	ADDHYD	.14	5.00	---	12.28	224	1600.0
XSECTION 12	RUNOFF	.01	4.66	---	11.97	24	2400.0
XSECTION 13	ADDHYD	.15	4.98	---	12.24	231	1540.0
STRUCTURE 13	RESVOR	.15	4.97	1338.03	12.42	217	1446.7
XSECTION 14	RUNOFF	.02	4.39	---	12.17	32	1600.0
XSECTION 15	ADDHYD	.16	4.92	---	12.38	242	1512.5
XSECTION 16	RUNOFF	.01	4.29	---	12.05	12	1200.0
XSECTION 17	ADDHYD	.17	4.90	---	12.36	247	1452.9
XSECTION 18	RUNOFF	.01	4.39	---	12.13	19	1900.0
XSECTION 19	ADDHYD	.18	4.87	---	12.33	261	1450.0
XSECTION 20	RUNOFF	.01	5.24	---	11.97	30	3000.0
XSECTION 21	ADDHYD	.19	4.89	---	12.29	269	1415.8
STRUCTURE 21	RESVOR	.19	4.89	1337.18	12.59	235	1236.8

SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STRUCTURE ID		STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	PEAK DISCHARGE ELEVATION (FT)	PEAK DISCHARGE TIME (HR)	PEAK DISCHARGE RATE (CFS)	PEAK DISCHARGE RATE (CSM)
RAINFALL OF 6.98 inches AND 24.00 hr DURATION, BEGINS AT .0 hrs.								
ALTERNATE 45 STORM 5				50-YR 24-HR ZONE 5				
XSECTION	1	RUNOFF	.09	5.68	---	12.18	207	2300.0
STRUCTURE	1	RESVOR	.09	5.68	1349.17	12.45	147	1633.3
XSECTION	2	RUNOFF	.03	6.73	---	12.13	89	2966.7
XSECTION	3	ADDHYD	.12	5.97	---	12.25	222	1850.0
XSECTION	4	RUNOFF	.01	5.11	---	12.22	27	2700.0
XSECTION	5	ADDHYD	.13	5.88	---	12.24	249	1915.4
XSECTION	6	RUNOFF	.00	5.11	---	12.05	8	********
XSECTION	7	ADDHYD	.13	5.87	---	12.24	255	1961.5
XSECTION	8	RUNOFF	.00	5.66	---	11.97	8	********
XSECTION	9	ADDHYD	.14	5.86	---	12.23	258	1842.9
STRUCTURE	9	RESVOR	.14	5.86	1339.95	12.26	257	1835.7
XSECTION	10	RUNOFF	.00	5.12	---	12.00	5	********
XSECTION	11	ADDHYD	.14	5.85	---	12.26	259	1850.0
XSECTION	12	RUNOFF	.01	5.51	---	11.97	28	2800.0
XSECTION	13	ADDHYD	.15	5.83	---	12.22	270	1800.0
STRUCTURE	13	RESVOR	.15	5.83	1338.32	12.38	251	1673.3
XSECTION	14	RUNOFF	.02	5.23	---	12.17	38	1900.0
XSECTION	15	ADDHYD	.16	5.77	---	12.34	284	1775.0
XSECTION	16	RUNOFF	.01	5.12	---	12.05	14	1400.0
XSECTION	17	ADDHYD	.17	5.75	---	12.33	291	1711.8
XSECTION	18	RUNOFF	.01	5.23	---	12.13	22	2200.0
XSECTION	19	ADDHYD	.18	5.72	---	12.31	309	1716.7
XSECTION	20	RUNOFF	.01	6.11	---	11.97	35	3500.0
XSECTION	21	ADDHYD	.19	5.74	---	12.27	319	1678.9

SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	PEAK DISCHARGE ELEVATION (FT)	PEAK DISCHARGE TIME (HR)	PEAK DISCHARGE RATE (CFS)	PEAK DISCHARGE RATE (CSM)
ALTERNATE 45 STORM 5							
STRUCTURE 21	RESVOR	.19	5.74	1337.53	12.55	277	1457.9
RAINFALL OF 7.80 inches AND 24.00 hr DURATION, BEGINS AT .0 hrs.							
ALTERNATE 46 STORM 6				100-YR 24-HR ZONE 5			
XSECTION 1	RUNOFF	.09	6.48	---	12.18	233	2588.9
STRUCTURE 1	RESVOR	.09	6.48	1349.41	12.48	157	1744.4
XSECTION 2	RUNOFF	.03	7.55	---	12.13	99	3300.0
XSECTION 3	ADDHYD	.12	6.77	---	12.20	242	2016.7
XSECTION 4	RUNOFF	.01	5.90	---	12.22	31	3100.0
XSECTION 5	ADDHYD	.13	6.68	---	12.20	273	2100.0
XSECTION 6	RUNOFF	.00	5.90	---	12.05	9	********
XSECTION 7	ADDHYD	.13	6.67	---	12.20	280	2153.8
XSECTION 8	RUNOFF	.00	6.46	---	11.97	9	********
XSECTION 9	ADDHYD	.14	6.66	---	12.19	285	2035.7
STRUCTURE 9	RESVOR	.14	6.66	1340.08	12.23	283	2021.4
XSECTION 10	RUNOFF	.00	5.89	---	11.99	6	********
XSECTION 11	ADDHYD	.14	6.65	---	12.22	286	2042.9
XSECTION 12	RUNOFF	.01	6.31	---	11.97	32	3200.0
XSECTION 13	ADDHYD	.15	6.63	---	12.18	303	2020.0
STRUCTURE 13	RESVOR	.15	6.63	1338.55	12.35	279	1860.0
XSECTION 14	RUNOFF	.02	6.01	---	12.17	43	2150.0
XSECTION 15	ADDHYD	.16	6.57	---	12.32	317	1981.3
XSECTION 16	RUNOFF	.01	5.90	---	12.05	16	1600.0
XSECTION 17	ADDHYD	.17	6.55	---	12.29	327	1923.5
XSECTION 18	RUNOFF	.01	6.01	---	12.13	25	2500.0
XSECTION 19	ADDHYD	.18	6.52	---	12.28	349	1938.9
XSECTION 20	RUNOFF	.01	6.92	---	11.97	40	4000.0
XSECTION 21	ADDHYD	.19	6.54	---	12.24	362	1905.3
STRUCTURE 21	RESVOR	.19	6.54	1337.82	12.52	313	1647.4

SUMMARY TABLE 3

STORM DISCHARGES (CFS) AT XSECTIONS AND STRUCTURES FOR ALL ALTERNATES

XSECTION/ STRUCTURE ID		DRAINAGE AREA (SQ MI)	STORM NUMBERS..... 1 2-YR	2 5-YR	3 10-YR	4 25-YR	5 50-YR
STRUCTURE 21		.19	SOUTH POND (OUT)				
ALTERNATE	11		78	*********	*********	*********	*********
ALTERNATE	12	6-HR MBL	*********	129	*********	*********	*********
ALTERNATE	13		*********	*********	167	*********	*********
ALTERNATE	14		*********	*********	*********	206	*********
ALTERNATE	15		*********	*********	*********	*********	244
ALTERNATE	21		98	*********	*********	*********	*********
ALTERNATE	22	24-HR TYPE II (BUILT-IN)	*********	149	*********	*********	*********
ALTERNATE	23		*********	*********	183	*********	*********
ALTERNATE	24		*********	*********	*********	225	*********
ALTERNATE	25		*********	*********	*********	*********	267
ALTERNATE	31		95	*********	*********	*********	*********
ALTERNATE	32	24-HR TYPE II (TABLE)	*********	144	*********	*********	*********
ALTERNATE	33		*********	*********	177	*********	*********
ALTERNATE	34		*********	*********	*********	217	*********
ALTERNATE	35		*********	*********	*********	*********	260
ALTERNATE	41		103	*********	*********	*********	*********
ALTERNATE	42	24-HR ZONE 5	*********	156	*********	*********	*********
ALTERNATE	43		*********	*********	191	*********	*********
ALTERNATE	44		*********	*********	*********	235	*********
ALTERNATE	45		*********	*********	*********	*********	277
STRUCTURE 13		.15	MIDDLE POND (OUT)				
ALTERNATE	11		80	*********	*********	*********	*********
ALTERNATE	12		*********	127	*********	*********	*********
ALTERNATE	13		*********	*********	161	*********	*********
ALTERNATE	14		*********	*********	*********	195	*********
ALTERNATE	15		*********	*********	*********	*********	228
ALTERNATE	21		98	*********	*********	*********	*********
ALTERNATE	22		*********	144	*********	*********	*********
ALTERNATE	23		*********	*********	175	*********	*********
ALTERNATE	24		*********	*********	*********	211	*********
ALTERNATE	25		*********	*********	*********	*********	246
ALTERNATE	31		94	*********	*********	*********	*********
ALTERNATE	32		*********	138	*********	*********	*********
ALTERNATE	33		*********	*********	167	*********	*********

SUMMARY TABLE 3

STORM DISCHARGES (CFS) AT XSECTIONS AND STRUCTURES FOR ALL ALTERNATES

XSECTION/ STRUCTURE ID		DRAINAGE AREA (SQ MI)	STORM NUMBERS..... 1 2-YR	2 5-YR	3 10-YR	4 25-YR	5 50-YR
STRUCTURE 13		.15					
ALTERNATE	34		********	********	********	202	********
ALTERNATE	35		********	********	********	********	238
ALTERNATE	41		102	********	********	********	********
ALTERNATE	42		********	149	********	********	********
ALTERNATE	43		********	********	180	********	********
ALTERNATE	44		********	********	********	217	********
ALTERNATE	45		********	********	********	********	251
STRUCTURE 9		.14	NORTH POND (OUT)				
ALTERNATE	11		85	********	********	********	********
ALTERNATE	12		********	132	********	********	********
ALTERNATE	13		********	********	166	********	********
ALTERNATE	14		********	********	********	201	********
ALTERNATE	15		********	********	********	********	233
ALTERNATE	21		105	********	********	********	********
ALTERNATE	22		********	151	********	********	********
ALTERNATE	23		********	********	182	********	********
ALTERNATE	24		********	********	********	218	********
ALTERNATE	25		********	********	********	********	255
ALTERNATE	31		99	********	********	********	********
ALTERNATE	32		********	143	********	********	********
ALTERNATE	33		********	********	171	********	********
ALTERNATE	34		********	********	********	207	********
ALTERNATE	35		********	********	********	********	242
ALTERNATE	41		107	********	********	********	********
ALTERNATE	42		********	154	********	********	********
ALTERNATE	43		********	********	185	********	********
ALTERNATE	44		********	********	********	221	********
ALTERNATE	45		********	********	********	********	257
STRUCTURE 1		.09	I-35 (OUT)				
ALTERNATE	11		47	********	********	********	********
ALTERNATE	12		********	78	********	********	********
ALTERNATE	13		********	********	99	********	********
ALTERNATE	14		********	********	********	120	********
ALTERNATE	15		********	********	********	********	141

SUMMARY TABLE 3

STORM DISCHARGES (CFS) AT XSECTIONS AND STRUCTURES FOR ALL ALTERNATES

XSECTION/ STRUCTURE ID		DRAINAGE AREA (SQ MI)	STORM NUMBERS..... 1 (2-YR)	2 (5-YR)	3 (10-YR)	4 (25-YR)	5 (50-YR)
STRUCTURE 1		.09	I-35 (OUT)				
ALTERNATE	21		61	********	********	********	********
ALTERNATE	22		********	91	********	********	********
ALTERNATE	23		********	********	110	********	********
ALTERNATE	24		********	********	********	132	********
ALTERNATE	25		********	********	********	********	146
ALTERNATE	31		58	********	********	********	********
ALTERNATE	32		********	86	********	********	********
ALTERNATE	33		********	********	103	********	********
ALTERNATE	34		********	********	********	125	********
ALTERNATE	35		********	********	********	********	143
ALTERNATE	41		63	********	********	********	********
ALTERNATE	42		********	93	********	********	********
ALTERNATE	43		********	********	112	********	********
ALTERNATE	44		********	********	********	135	********
ALTERNATE	45		********	********	********	********	147
XSECTION 1		.09	I-35 (IN)				
ALTERNATE	11		71	********	********	********	********
ALTERNATE	12		********	111	********	********	********
ALTERNATE	13		********	********	139	********	********
ALTERNATE	14		********	********	********	166	********
ALTERNATE	15		********	********	********	********	192
ALTERNATE	21		91	********	********	********	********
ALTERNATE	22		********	129	********	********	********
ALTERNATE	23		********	********	154	********	********
ALTERNATE	24		********	********	********	183	********
ALTERNATE	25		********	********	********	********	216
ALTERNATE	31		82	********	********	********	********
ALTERNATE	32		********	117	********	********	********
ALTERNATE	33		********	********	139	********	********
ALTERNATE	34		********	********	********	168	********
ALTERNATE	35		********	********	********	********	197
ALTERNATE	41		88	********	********	********	********
ALTERNATE	42		********	124	********	********	********
ALTERNATE	43		********	********	148	********	********
ALTERNATE	44		********	********	********	177	********

SUMMARY TABLE 3

STORM DISCHARGES (CFS) AT XSECTIONS AND STRUCTURES FOR ALL ALTERNATES

XSECTION/ STRUCTURE ID		DRAINAGE AREA (SQ MI)	STORM NUMBERS..... 1 2-YR	2 5-YR	3 10-YR	4 25-YR	5 50-YR
XSECTION	1	.09					
ALTERNATE	45		********	********	********	********	207
XSECTION	2	.03	INCREMENT H/S WOODLAND ESTATES				
ALTERNATE	11		43	********	********	********	********
ALTERNATE	12		********	60	********	********	********
ALTERNATE	13		********	********	71	********	********
ALTERNATE	14		********	********	********	82	********
ALTERNATE	15		********	********	********	********	92
ALTERNATE	21		47	********	********	********	********
ALTERNATE	22		********	62	********	********	********
ALTERNATE	23		********	********	71	********	********
ALTERNATE	24		********	********	********	84	********
ALTERNATE	25		********	********	********	********	96
ALTERNATE	31		42	********	********	********	********
ALTERNATE	32		********	56	********	********	********
ALTERNATE	33		********	********	65	********	********
ALTERNATE	34		********	********	********	75	********
ALTERNATE	35		********	********	********	********	86
ALTERNATE	41		44	********	********	********	********
ALTERNATE	42		********	58	********	********	********
ALTERNATE	43		********	********	66	********	********
ALTERNATE	44		********	********	********	77	********
ALTERNATE	45		********	********	********	********	89
XSECTION	3	.12	℄				
ALTERNATE	11		75	********	********	********	********
ALTERNATE	12		********	116	********	********	********
ALTERNATE	13		********	********	146	********	********
ALTERNATE	14		********	********	********	176	********
ALTERNATE	15		********	********	********	********	203
ALTERNATE	21		91	********	********	********	********
ALTERNATE	22		********	132	********	********	********
ALTERNATE	23		********	********	158	********	********
ALTERNATE	24		********	********	********	190	********
ALTERNATE	25		********	********	********	********	221

ALTERNATE 31 87 ********* ********* ********* *********

SUMMARY TABLE 3

STORM DISCHARGES (CFS) AT XSECTIONS AND STRUCTURES FOR ALL ALTERNATES

XSECTION/ STRUCTURE ID		DRAINAGE AREA (SQ MI)	STORM NUMBERS..... 1 2-YR	2 5-YR	3 10-YR	4 25-YR	5 50-YR
XSECTION	3	.12					
ALTERNATE	32		*********	125	********	********	*********
ALTERNATE	33		*********	*********	150	********	*********
ALTERNATE	34		*********	*********	*********	180	*********
ALTERNATE	35		*********	*********	*********	*********	211
ALTERNATE	41		94	*********	*********	*********	*********
ALTERNATE	42		*********	135	********	********	*********
ALTERNATE	43		*********	*********	162	********	*********
ALTERNATE	44		*********	*********	*********	193	*********
ALTERNATE	45		*********	*********	*********	*********	222
XSECTION	4	.01					
ALTERNATE	11		7	*********	*********	*********	*********
ALTERNATE	12		*********	13	*********	*********	*********
ALTERNATE	13		*********	*********	16	*********	*********
ALTERNATE	14		*********	*********	*********	20	*********
ALTERNATE	15		*********	*********	*********	*********	24
ALTERNATE	21		10	*********	*********	*********	*********
ALTERNATE	22		*********	16	*********	*********	*********
ALTERNATE	23		*********	*********	19	*********	*********
ALTERNATE	24		*********	*********	*********	23	*********
ALTERNATE	25		*********	*********	*********	*********	28
ALTERNATE	31		9	*********	*********	*********	*********
ALTERNATE	32		*********	14	*********	*********	*********
ALTERNATE	33		*********	*********	17	*********	*********
ALTERNATE	34		*********	*********	*********	21	*********
ALTERNATE	35		*********	*********	*********	*********	26
ALTERNATE	41		10	*********	*********	*********	*********
ALTERNATE	42		*********	15	*********	*********	*********
ALTERNATE	43		*********	*********	19	*********	*********
ALTERNATE	44		*********	*********	*********	23	*********
ALTERNATE	45		*********	*********	*********	*********	27
XSECTION	5	.13					
ALTERNATE	11		83	*********	*********	*********	*********
ALTERNATE	12		*********	129	*********	*********	*********
ALTERNATE	13		*********	*********	162	*********	*********

ALTERNATE 14 ********* ********* ********* 195 *********

SUMMARY TABLE 3

STORM DISCHARGES (CFS) AT XSECTIONS AND STRUCTURES FOR ALL ALTERNATES

XSECTION/ STRUCTURE ID		DRAINAGE AREA (SQ MI)	STORM NUMBERS..... 1 (2-YR)	2 (5-YR)	3 (10-YR)	4 (25-YR)	5 (50-YR)
XSECTION	5	.13					
ALTERNATE	15		*********	*********	*********	*********	227
ALTERNATE	21		102	*********	*********	*********	*********
ALTERNATE	22		*********	147	*********	*********	*********
ALTERNATE	23		*********	*********	178	*********	*********
ALTERNATE	24		*********	*********	*********	213	*********
ALTERNATE	25		*********	*********	*********	*********	249
ALTERNATE	31		96	*********	*********	*********	*********
ALTERNATE	32		*********	139	*********	*********	*********
ALTERNATE	33		*********	*********	167	*********	*********
ALTERNATE	34		*********	*********	*********	201	*********
ALTERNATE	35		*********	*********	*********	*********	236
ALTERNATE	41		104	*********	*********	*********	*********
ALTERNATE	42		*********	150	*********	*********	*********
ALTERNATE	43		*********	*********	180	*********	*********
ALTERNATE	44		*********	*********	*********	216	*********
ALTERNATE	45		*********	*********	*********	*********	249
XSECTION	6	.00 'B'					
ALTERNATE	11		2	*********	*********	*********	*********
ALTERNATE	12		*********	4	*********	*********	*********
ALTERNATE	13		*********	*********	5	*********	*********
ALTERNATE	14		*********	*********	*********	6	*********
ALTERNATE	15		*********	*********	*********	*********	7
ALTERNATE	21		3	*********	*********	*********	*********
ALTERNATE	22		*********	5	*********	*********	*********
ALTERNATE	23		*********	*********	6	*********	*********
ALTERNATE	24		*********	*********	*********	7	*********
ALTERNATE	25		*********	*********	*********	*********	9
ALTERNATE	31		3	*********	*********	*********	*********
ALTERNATE	32		*********	4	*********	*********	*********
ALTERNATE	33		*********	*********	5	*********	*********
ALTERNATE	34		*********	*********	*********	6	*********
ALTERNATE	35		*********	*********	*********	*********	7
ALTERNATE	41		3	*********	*********	*********	*********
ALTERNATE	42		*********	4	*********	*********	*********

SUMMARY TABLE 3

STORM DISCHARGES (CFS) AT XSECTIONS AND STRUCTURES FOR ALL ALTERNATES

XSECTION/ STRUCTURE ID		DRAINAGE AREA (SQ MI)	STORM NUMBERS..... 1 2-YR	2 5-YR	3 10-YR	4 25-YR	5 50-YR
XSECTION	6	.00					
ALTERNATE	43		*********	*********	5	*********	*********
ALTERNATE	44		*********	*********	*********	6	*********
ALTERNATE	45		*********	*********	*********	*********	8
XSECTION	7	.13					
ALTERNATE	11		84	*********	*********	*********	*********
ALTERNATE	12		*********	131	*********	*********	*********
ALTERNATE	13		*********	*********	165	*********	*********
ALTERNATE	14		*********	*********	*********	199	*********
ALTERNATE	15		*********	*********	*********	*********	231
ALTERNATE	21		104	*********	*********	*********	*********
ALTERNATE	22		*********	150	*********	*********	*********
ALTERNATE	23		*********	*********	181	*********	*********
ALTERNATE	24		*********	*********	*********	217	*********
ALTERNATE	25		*********	*********	*********	*********	254
ALTERNATE	31		98	*********	*********	*********	*********
ALTERNATE	32		*********	142	*********	*********	*********
ALTERNATE	33		*********	*********	170	*********	*********
ALTERNATE	34		*********	*********	*********	205	*********
ALTERNATE	35		*********	*********	*********	*********	240
ALTERNATE	41		106	*********	*********	*********	*********
ALTERNATE	42		*********	153	*********	*********	*********
ALTERNATE	43		*********	*********	184	*********	*********
ALTERNATE	44		*********	*********	*********	220	*********
ALTERNATE	45		*********	*********	*********	*********	255
XSECTION	8	.00					
ALTERNATE	11		4	*********	*********	*********	*********
ALTERNATE	12		*********	6	*********	*********	*********
ALTERNATE	13		*********	*********	7	*********	*********
ALTERNATE	14		*********	*********	*********	8	*********
ALTERNATE	15		*********	*********	*********	*********	10
ALTERNATE	21		5	*********	*********	*********	*********
ALTERNATE	22		*********	6	*********	*********	*********
ALTERNATE	23		*********	*********	8	*********	*********
ALTERNATE	24		*********	*********	*********	9	*********

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NORTH POND AREA

SUMMARY TABLE 3

STORM DISCHARGES (CFS) AT XSECTIONS AND STRUCTURES FOR ALL ALTERNATES

XSECTION/ STRUCTURE ID		DRAINAGE AREA (SQ MI)	STORM NUMBERS..... 1 (2-YR)	2 (5-YR)	3 (10-YR)	4 (25-YR)	5 (50-YR)
XSECTION	8	.00					
ALTERNATE	31		3	********	********	********	********
ALTERNATE	32		********	5	********	********	********
ALTERNATE	33		********	********	6	********	********
ALTERNATE	34		********	********	********	7	********
ALTERNATE	35		********	********	********	********	8
ALTERNATE	41		4	********	********	********	********
ALTERNATE	42		********	5	********	********	********
ALTERNATE	43		********	********	6	********	********
ALTERNATE	44		********	********	********	7	********
ALTERNATE	45		********	********	********	********	8
XSECTION	9	.14					
ALTERNATE	11		86	********	********	********	********
ALTERNATE	12		********	133	********	********	********
ALTERNATE	13		********	********	167	********	********
ALTERNATE	14		********	********	********	202	********
ALTERNATE	15		********	********	********	********	234
ALTERNATE	21		105	********	********	********	********
ALTERNATE	22		********	152	********	********	********
ALTERNATE	23		********	********	183	********	********
ALTERNATE	24		********	********	********	219	********
ALTERNATE	25		********	********	********	********	257
ALTERNATE	31		99	********	********	********	********
ALTERNATE	32		********	143	********	********	********
ALTERNATE	33		********	********	172	********	********
ALTERNATE	34		********	********	********	208	********
ALTERNATE	35		********	********	********	********	243
ALTERNATE	41		107	********	********	********	********
ALTERNATE	42		********	155	********	********	********
ALTERNATE	43		********	********	186	********	********
ALTERNATE	44		********	********	********	222	********
ALTERNATE	45		********	********	********	********	258
XSECTION	10	.00					
ALTERNATE	11		2	********	********	********	********
ALTERNATE	12		********	3	********	********	********

℄ NORTH POND (IN)

'C'

ALTERNATE	13	********* *********	4	********* *********

SUMMARY TABLE 3

STORM DISCHARGES (CFS) AT XSECTIONS AND STRUCTURES FOR ALL ALTERNATES

XSECTION/ STRUCTURE ID		DRAINAGE AREA (SQ MI)	STORM NUMBERS..... 1 2-YR	2 5-YR	3 10-YR	4 25-YR	5 50-YR
XSECTION	10	.00					
ALTERNATE	14		********	********	********	5	********
ALTERNATE	15		********	********	********	********	6
ALTERNATE	21		3	********	********	********	********
ALTERNATE	22		********	4	********	********	********
ALTERNATE	23		********	********	5	********	********
ALTERNATE	24		********	********	********	6	********
ALTERNATE	25		********	********	********	********	7
ALTERNATE	31		2	********	********	********	********
ALTERNATE	32		********	3	********	********	********
ALTERNATE	33		********	********	4	********	********
ALTERNATE	34		********	********	********	4	********
ALTERNATE	35		********	********	********	********	5
ALTERNATE	41		2	********	********	********	********
ALTERNATE	42		********	3	********	********	********
ALTERNATE	43		********	********	4	********	********
ALTERNATE	44		********	********	********	5	********
ALTERNATE	45		********	********	********	********	5
XSECTION	11	.14					
ALTERNATE	11		85	********	********	********	********
ALTERNATE	12		********	133	********	********	********
ALTERNATE	13		********	********	168	********	********
ALTERNATE	14		********	********	********	202	********
ALTERNATE	15		********	********	********	********	235
ALTERNATE	21		106	********	********	********	********
ALTERNATE	22		********	152	********	********	********
ALTERNATE	23		********	********	183	********	********
ALTERNATE	24		********	********	********	220	********
ALTERNATE	25		********	********	********	********	257
ALTERNATE	31		100	********	********	********	********
ALTERNATE	32		********	144	********	********	********
ALTERNATE	33		********	********	173	********	********
ALTERNATE	34		********	********	********	208	********
ALTERNATE	35		********	********	********	********	244
ALTERNATE	41		108	********	********	********	********

SUMMARY TABLE 3

STORM DISCHARGES (CFS) AT XSECTIONS AND STRUCTURES FOR ALL ALTERNATES

XSECTION/ STRUCTURE ID		DRAINAGE AREA (SQ MI)	STORM NUMBERS..... 1 2-YR	2 5-YR	3 10-YR	4 25-YR	5 50-YR
XSECTION 11		.14					
ALTERNATE	42		*********	155	********	********	********
ALTERNATE	43		*********	*********	187	********	********
ALTERNATE	44		*********	*********	*********	224	********
ALTERNATE	45		*********	*********	*********	*********	259
XSECTION 12		.01	MIDDLE POND AREA				
ALTERNATE	11		11	********	********	********	********
ALTERNATE	12		*********	18	********	********	********
ALTERNATE	13		*********	*********	23	********	********
ALTERNATE	14		*********	*********	*********	28	********
ALTERNATE	15		*********	*********	*********	*********	32
ALTERNATE	21		15	********	********	********	********
ALTERNATE	22		*********	22	********	********	********
ALTERNATE	23		*********	*********	26	********	********
ALTERNATE	24		*********	*********	*********	31	********
ALTERNATE	25		*********	*********	*********	*********	37
ALTERNATE	31		11	********	********	********	********
ALTERNATE	32		*********	16	********	********	********
ALTERNATE	33		*********	*********	19	********	********
ALTERNATE	34		*********	*********	*********	23	********
ALTERNATE	35		*********	*********	*********	*********	27
ALTERNATE	41		12	********	********	********	********
ALTERNATE	42		*********	17	********	********	********
ALTERNATE	43		*********	*********	20	********	********
ALTERNATE	44		*********	*********	*********	24	********
ALTERNATE	45		*********	*********	*********	*********	28
XSECTION 13		.15	E MIDDLE POND (IN)				
ALTERNATE	11		88	********	********	********	********
ALTERNATE	12		*********	138	********	********	********
ALTERNATE	13		*********	*********	174	********	********
ALTERNATE	14		*********	*********	*********	210	********
ALTERNATE	15		*********	*********	*********	*********	243
ALTERNATE	21		110	********	********	********	********
ALTERNATE	22		*********	157	********	********	********
ALTERNATE	23		*********	*********	189	********	********

ALTERNATE 24 ********* ********* ********* 227 *********

SUMMARY TABLE 3

STORM DISCHARGES (CFS) AT XSECTIONS AND STRUCTURES FOR ALL ALTERNATES

XSECTION/ STRUCTURE ID	DRAINAGE AREA (SQ MI)	STORM NUMBERS..... 1 (2-YR)	2 (5-YR)	3 (10-YR)	4 (25-YR)	5 (50-YR)
XSECTION 13	.15					
ALTERNATE 25		*********	*********	*********	*********	266
ALTERNATE 31		103	*********	*********	*********	*********
ALTERNATE 32		*********	149	*********	*********	*********
ALTERNATE 33		*********	*********	179	*********	*********
ALTERNATE 34		*********	*********	*********	216	*********
ALTERNATE 35		*********	*********	*********	*********	253
ALTERNATE 41		112	*********	*********	*********	*********
ALTERNATE 42		*********	161	*********	*********	*********
ALTERNATE 43		*********	*********	193	*********	*********
ALTERNATE 44		*********	*********	*********	231	*********
ALTERNATE 45		*********	*********	*********	*********	270
XSECTION 14	.02	'D'	'E'	'F'	'G'	
ALTERNATE 11		11	*********	*********	*********	*********
ALTERNATE 12		*********	18	*********	*********	*********
ALTERNATE 13		*********	*********	23	*********	*********
ALTERNATE 14		*********	*********	*********	29	*********
ALTERNATE 15		*********	*********	*********	*********	34
ALTERNATE 21		15	*********	*********	*********	*********
ALTERNATE 22		*********	22	*********	*********	*********
ALTERNATE 23		*********	*********	27	*********	*********
ALTERNATE 24		*********	*********	*********	33	*********
ALTERNATE 25		*********	*********	*********	*********	40
ALTERNATE 31		14	*********	*********	*********	*********
ALTERNATE 32		*********	20	*********	*********	*********
ALTERNATE 33		*********	*********	25	*********	*********
ALTERNATE 34		*********	*********	*********	30	*********
ALTERNATE 35		*********	*********	*********	*********	36
ALTERNATE 41		15	*********	*********	*********	*********
ALTERNATE 42		*********	22	*********	*********	*********
ALTERNATE 43		*********	*********	27	*********	*********
ALTERNATE 44		*********	*********	*********	32	*********
ALTERNATE 45		*********	*********	*********	*********	38
XSECTION 15	.16					

ALTERNATE	11	87 ********* ********* ********* *********	

SUMMARY TABLE 3

STORM DISCHARGES (CFS) AT XSECTIONS AND STRUCTURES FOR ALL ALTERNATES

XSECTION/ STRUCTURE ID		DRAINAGE AREA (SQ MI)	STORM NUMBERS..... 1 2-YR	2 5-YR	3 10-YR	4 25-YR	5 50-YR
XSECTION	15	.16					
ALTERNATE	12		*********	140	*********	*********	*********
ALTERNATE	13		*********	*********	178	*********	*********
ALTERNATE	14		*********	*********	*********	217	*********
ALTERNATE	15		*********	*********	*********	*********	254
ALTERNATE	21		108	*********	*********	*********	*********
ALTERNATE	22		*********	160	*********	*********	*********
ALTERNATE	23		*********	*********	195	*********	*********
ALTERNATE	24		*********	*********	*********	235	*********
ALTERNATE	25		*********	*********	*********	*********	277
ALTERNATE	31		103	*********	*********	*********	*********
ALTERNATE	32		*********	153	*********	*********	*********
ALTERNATE	33		*********	*********	185	*********	*********
ALTERNATE	34		*********	*********	*********	224	*********
ALTERNATE	35		*********	*********	*********	*********	265
ALTERNATE	41		112	*********	*********	*********	*********
ALTERNATE	42		*********	166	*********	*********	*********
ALTERNATE	43		*********	*********	200	*********	*********
ALTERNATE	44		*********	*********	*********	242	*********
ALTERNATE	45		*********	*********	*********	*********	284
XSECTION	16	.01					
ALTERNATE	11		4	*********	*********	*********	*********
ALTERNATE	12		*********	7	*********	*********	*********
ALTERNATE	13		*********	*********	9	*********	*********
ALTERNATE	14		*********	*********	*********	11	*********
ALTERNATE	15		*********	*********	*********	*********	13
ALTERNATE	21		6	*********	*********	*********	*********
ALTERNATE	22		*********	9	*********	*********	*********
ALTERNATE	23		*********	*********	11	*********	*********
ALTERNATE	24		*********	*********	*********	13	*********
ALTERNATE	25		*********	*********	*********	*********	16
ALTERNATE	31		5	*********	*********	*********	*********
ALTERNATE	32		*********	7	*********	*********	*********
ALTERNATE	33		*********	*********	9	*********	*********
ALTERNATE	34		*********	*********	*********	11	*********
ALTERNATE	35		*********	*********	*********	*********	13

SUMMARY TABLE 3

STORM DISCHARGES (CFS) AT XSECTIONS AND STRUCTURES FOR ALL ALTERNATES

XSECTION/ STRUCTURE ID		DRAINAGE AREA (SQ MI)	STORM NUMBERS..... 1 (2-YR)	2 (5-YR)	3 (10-YR)	4 (25-YR)	5 (50-YR)
XSECTION 16		.01					
ALTERNATE	41		5	********	********	********	********
ALTERNATE	42		********	8	********	********	********
ALTERNATE	43		********	********	10	********	********
ALTERNATE	44		********	********	********	12	********
ALTERNATE	45		********	********	********	********	14
XSECTION 17		.17	Σ				
ALTERNATE	11		89	********	********	********	********
ALTERNATE	12		********	143	********	********	********
ALTERNATE	13		********	********	182	********	********
ALTERNATE	14		********	********	********	221	********
ALTERNATE	15		********	********	********	********	259
ALTERNATE	21		111	********	********	********	********
ALTERNATE	22		********	164	********	********	********
ALTERNATE	23		********	********	199	********	********
ALTERNATE	24		********	********	********	240	********
ALTERNATE	25		********	********	********	********	284
ALTERNATE	31		105	********	********	********	********
ALTERNATE	32		********	156	********	********	********
ALTERNATE	33		********	********	189	********	********
ALTERNATE	34		********	********	********	229	********
ALTERNATE	35		********	********	********	********	272
ALTERNATE	41		115	********	********	********	********
ALTERNATE	42		********	169	********	********	********
ALTERNATE	43		********	********	205	********	********
ALTERNATE	44		********	********	********	247	********
ALTERNATE	45		********	********	********	********	291
XSECTION 18		.01	'H1' 'H2' 'I'				
ALTERNATE	11		7	********	********	********	********
ALTERNATE	12		********	11	********	********	********
ALTERNATE	13		********	********	14	********	********
ALTERNATE	14		********	********	********	17	********
ALTERNATE	15		********	********	********	********	20
ALTERNATE	21		9	********	********	********	********
ALTERNATE	22		********	13	********	********	********

ALTERNATE	23	*********	*********	16	********* *********

SUMMARY TABLE 3

STORM DISCHARGES (CFS) AT XSECTIONS AND STRUCTURES FOR ALL ALTERNATES

XSECTION/ STRUCTURE ID		DRAINAGE AREA (SQ MI)	STORM NUMBERS..... 1 2-YR	2 5-YR	3 10-YR	4 25-YR	5 50-YR
XSECTION	18	.01					
ALTERNATE	24		*********	*********	*********	20	*********
ALTERNATE	25		*********	*********	*********	*********	23
ALTERNATE	31		8	*********	*********	*********	*********
ALTERNATE	32		*********	12	*********	*********	*********
ALTERNATE	33		*********	*********	14	*********	*********
ALTERNATE	34		*********	*********	*********	17	*********
ALTERNATE	35		*********	*********	*********	*********	21
ALTERNATE	41		9	*********	*********	*********	*********
ALTERNATE	42		*********	13	*********	*********	*********
ALTERNATE	43		*********	*********	15	*********	*********
ALTERNATE	44		*********	*********	*********	19	*********
ALTERNATE	45		*********	*********	*********	*********	22
XSECTION	19	.18					
ALTERNATE	11		93	*********	*********	*********	*********
ALTERNATE	12		*********	150	*********	*********	*********
ALTERNATE	13		*********	*********	191	*********	*********
ALTERNATE	14		*********	*********	*********	233	*********
ALTERNATE	15		*********	*********	*********	*********	273
ALTERNATE	21		116	*********	*********	*********	*********
ALTERNATE	22		*********	172	*********	*********	*********
ALTERNATE	23		*********	*********	210	*********	*********
ALTERNATE	24		*********	*********	*********	254	*********
ALTERNATE	25		*********	*********	*********	*********	301
ALTERNATE	31		110	*********	*********	*********	*********
ALTERNATE	32		*********	164	*********	*********	*********
ALTERNATE	33		*********	*********	199	*********	*********
ALTERNATE	34		*********	*********	*********	242	*********
ALTERNATE	35		*********	*********	*********	*********	287
ALTERNATE	41		121	*********	*********	*********	*********
ALTERNATE	42		*********	178	*********	*********	*********
ALTERNATE	43		*********	*********	216	*********	*********
ALTERNATE	44		*********	*********	*********	261	*********
ALTERNATE	45		*********	*********	*********	*********	309
XSECTION	20	.01					

SUMMARY TABLE 3

STORM DISCHARGES (CFS) AT XSECTIONS AND STRUCTURES FOR ALL ALTERNATES

XSECTION/ STRUCTURE ID		DRAINAGE AREA (SQ MI)	STORM NUMBERS..... 1 (2-YR)	2 (5-YR)	3 (10-YR)	4 (25-YR)	5 (50-YR)
XSECTION 20		.01	SOUTH POND AREA				
ALTERNATE	11		18	*********	*********	*********	*********
ALTERNATE	12		*********	26	*********	*********	*********
ALTERNATE	13		*********	*********	32	*********	*********
ALTERNATE	14		*********	*********	*********	37	*********
ALTERNATE	15		*********	*********	*********	*********	42
ALTERNATE	21		21	*********	*********	*********	*********
ALTERNATE	22		*********	29	*********	*********	*********
ALTERNATE	23		*********	*********	34	*********	*********
ALTERNATE	24		*********	*********	*********	40	*********
ALTERNATE	25		*********	*********	*********	*********	46
ALTERNATE	31		16	*********	*********	*********	*********
ALTERNATE	32		*********	21	*********	*********	*********
ALTERNATE	33		*********	*********	25	*********	*********
ALTERNATE	34		*********	*********	*********	30	*********
ALTERNATE	35		*********	*********	*********	*********	34
ALTERNATE	41		16	*********	*********	*********	*********
ALTERNATE	42		*********	22	*********	*********	*********
ALTERNATE	43		*********	*********	26	*********	*********
ALTERNATE	44		*********	*********	*********	30	*********
ALTERNATE	45		*********	*********	*********	*********	35
XSECTION 21		.19	½ SOUTH POND (IN)				
ALTERNATE	11		96	*********	*********	*********	*********
ALTERNATE	12		*********	155	*********	*********	*********
ALTERNATE	13		*********	*********	197	*********	*********
ALTERNATE	14		*********	*********	*********	241	*********
ALTERNATE	15		*********	*********	*********	*********	282
ALTERNATE	21		120	*********	*********	*********	*********
ALTERNATE	22		*********	177	*********	*********	*********
ALTERNATE	23		*********	*********	216	*********	*********
ALTERNATE	24		*********	*********	*********	262	*********
ALTERNATE	25		*********	*********	*********	*********	310
ALTERNATE	31		114	*********	*********	*********	*********
ALTERNATE	32		*********	169	*********	*********	*********
ALTERNATE	33		*********	*********	205	*********	*********
ALTERNATE	34		*********	*********	*********	250	*********

SUMMARY TABLE 3

STORM DISCHARGES (CFS) AT XSECTIONS AND STRUCTURES FOR ALL ALTERNATES

XSECTION/ STRUCTURE ID		DRAINAGE AREA (SQ MI)	STORM NUMBERS..... 1 (2-YR)	2 (5-YR)	3 (10-YR)	4 (25-YR)	5 (50-YR)
XSECTION	21	.19					
ALTERNATE	35		********	********	********	********	296
ALTERNATE	41		124	********	********	********	********
ALTERNATE	42		********	183	********	********	********
ALTERNATE	43		********	********	223	********	********
ALTERNATE	44		********	********	********	269	********
ALTERNATE	45		********	********	********	********	319

SUMMARY TABLE 3

STORM DISCHARGES (CFS) AT XSECTIONS AND STRUCTURES FOR ALL ALTERNATES

XSECTION/ STRUCTURE ID		DRAINAGE AREA (SQ MI)	STORM NUMBERS..... 6 (100-YR)
STRUCTURE	21	.19	
ALTERNATE	16		288
ALTERNATE	26		301
ALTERNATE	36		293
ALTERNATE	46		313
STRUCTURE	13	.15	
ALTERNATE	16		264
ALTERNATE	26		273
ALTERNATE	36		264
ALTERNATE	46		279
STRUCTURE	9	.14	
ALTERNATE	16		272
ALTERNATE	26		283
ALTERNATE	36		270
ALTERNATE	46		283
STRUCTURE	1	.09	
ALTERNATE	16		151
ALTERNATE	26		156

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   ALTERNATE   36                    152
   ALTERNATE   46                    157

XSECTION    1           .09
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   ALTERNATE   16                    226
   ALTERNATE   26                    243
   ALTERNATE   36                    222
   ALTERNATE   46                    233

XSECTION    2           .03
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   ALTERNATE   16                    106
   ALTERNATE   26                    107
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SUMMARY TABLE 3

STORM DISCHARGES (CFS) AT XSECTIONS AND STRUCTURES FOR ALL ALTERNATES

XSECTION/ STRUCTURE ID		DRAINAGE AREA (SQ MI)	STORM NUMBERS..... 6 100-YR
XSECTION 2		.03	
	ALTERNATE 36		96
	ALTERNATE 46		99
XSECTION 3		.12	
	ALTERNATE 16		236
	ALTERNATE 26		240
	ALTERNATE 36		232
	ALTERNATE 46		242
XSECTION 4		.01	
	ALTERNATE 16		28
	ALTERNATE 26		32
	ALTERNATE 36		29
	ALTERNATE 46		31
XSECTION 5		.13	
	ALTERNATE 16		264
	ALTERNATE 26		272
	ALTERNATE 36		261
	ALTERNATE 46		273
XSECTION 6		.00	
	ALTERNATE 16		9
	ALTERNATE 26		10
	ALTERNATE 36		8
	ALTERNATE 46		9
XSECTION 7		.13	
	ALTERNATE 16		270
	ALTERNATE 26		279
	ALTERNATE 36		267
	ALTERNATE 46		280
XSECTION 8		.00	
	ALTERNATE 16		11
	ALTERNATE 26		12

```
   ALTERNATE   36                      9
   ALTERNATE   46                      9

XSECTION    9          .14
-------------------------
   ALTERNATE   16                    273
```

SUMMARY TABLE 3

STORM DISCHARGES (CFS) AT XSECTIONS AND STRUCTURES FOR ALL ALTERNATES

XSECTION/ STRUCTURE ID		DRAINAGE AREA (SQ MI)	STORM NUMBERS..... 6 100-YR
XSECTION 9		.14	
	ALTERNATE 26		285
	ALTERNATE 36		271
	ALTERNATE 46		285
XSECTION 10		.00	
	ALTERNATE 16		7
	ALTERNATE 26		8
	ALTERNATE 36		6
	ALTERNATE 46		6
XSECTION 11		.14	
	ALTERNATE 16		274
	ALTERNATE 26		286
	ALTERNATE 36		272
	ALTERNATE 46		286
XSECTION 12		.01	
	ALTERNATE 16		38
	ALTERNATE 26		42
	ALTERNATE 36		31
	ALTERNATE 46		32
XSECTION 13		.15	
	ALTERNATE 16		286
	ALTERNATE 26		298
	ALTERNATE 36		285
	ALTERNATE 46		303
XSECTION 14		.02	
	ALTERNATE 16		40
	ALTERNATE 26		45
	ALTERNATE 36		41
	ALTERNATE 46		43
XSECTION 15		.16	
	ALTERNATE 16		298

```
   ALTERNATE   26                    311
   ALTERNATE   36                    298
   ALTERNATE   46                    317

XSECTION   16          .01
----------------------------
```

SUMMARY TABLE 3

STORM DISCHARGES (CFS) AT XSECTIONS AND STRUCTURES FOR ALL ALTERNATES

XSECTION/ STRUCTURE ID		DRAINAGE AREA (SQ MI)	STORM NUMBERS..... 6 100-YR
XSECTION 16		.01	
ALTERNATE	16		16
ALTERNATE	26		18
ALTERNATE	36		15
ALTERNATE	46		16
XSECTION 17		.17	
ALTERNATE	16		305
ALTERNATE	26		320
ALTERNATE	36		306
ALTERNATE	46		327
XSECTION 18		.01	
ALTERNATE	16		24
ALTERNATE	26		27
ALTERNATE	36		24
ALTERNATE	46		25
XSECTION 19		.18	
ALTERNATE	16		324
ALTERNATE	26		340
ALTERNATE	36		325
ALTERNATE	46		349
XSECTION 20		.01	
ALTERNATE	16		49
ALTERNATE	26		52
ALTERNATE	36		39
ALTERNATE	46		40
XSECTION 21		.19	
ALTERNATE	16		335
ALTERNATE	26		352
ALTERNATE	36		337
ALTERNATE	46		362