
 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
 ERROR CORR - 01
 MODIFICATION - 50,51,52

10
 40
 600

T1 DUTCHMANS CRK MOUNT HOLLY
 T2 GASTON CO. FIS JOB # 207022
 T3 10 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INO	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FR
	-1.	2.	0.	0.	0.000700	0.0	0.0	0.	568.000	0.0
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FM	ALLDC	IBW	CHNIM	ITRACE
	0.0	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	38.000	39.000	40.000	41.000	43.000	42.000	1.000	2.000	26.000	53.000
	54.000	25.000	50.000	0.0	201.000	0.0	0.0	0.0	0.0	0.0
NC	0.000	0.000	0.040	0.100	0.300	0.0	0.0	0.0	0.0	0.0
QT	5.000	260.000	13030.000	15530.000	22660.000	15530.000	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	-10.400	0.0	0.0	0.0	0.0
X1	825.000	11.000	1075.000	1217.000	825.000	825.000	825.000	0.0	-2.200	0.0
GR	579.100	1000.000	570.200	1020.000	570.100	1075.000	565.600	1080.000	557.700	1100.000
GR	555.400	1125.000	554.100	1150.000	564.900	1210.000	570.400	1217.000	573.700	1300.000
GR	577.700	1400.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	845.000	0.0	0.0	0.0	20.500	20.500	20.500	0.0	0.570	0.0
ET	5.000	0.0	0.0	0.0	0.0	7.100	1139.550	1312.380	0.0	0.0
X1	866.000	22.000	1100.000	1342.200	20.500	20.500	20.500	0.0	0.0	0.0
GR	594.500	1000.000	586.100	1100.000	575.100	1122.200	570.000	1158.600	586.400	1158.600
GR	586.400	1162.600	570.000	1162.600	564.500	1193.200	559.100	1219.100	586.400	1219.100
GR	586.400	1221.100	586.400	1223.100	559.100	1223.100	556.500	1239.500	561.800	1279.400
GR	586.400	1279.400	586.400	1283.400	561.800	1283.400	564.600	1296.900	584.300	1334.700
GR	585.700	1342.200	594.200	1450.000	0.0	0.0	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	7.100	1139.520	1312.390	0.0	0.0
X1	867.000	0.0	0.0	0.0	1.000	1.000	1.000	0.0	0.0	0.0
BT	5.000	1000.000	594.500	0.0	1100.000	593.800	586.300	1221.100	593.900	586.400
BT	1342.200	593.800	586.300	1450.000	594.200	0.0	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	7.100	1138.150	1312.760	0.0	0.0
X1	883.000	22.000	1100.000	1342.200	16.100	16.100	16.100	0.0	0.0	0.0
BT	5.000	1000.000	594.500	0.0	1100.000	593.800	586.300	1221.100	593.900	586.400
BT	1342.200	593.800	586.300	1450.000	594.200	0.0	0.0	0.0	0.0	0.0

GR	586.400	1162.600	570.000	1162.600	564.500	1193.200	559.100	1219.100	586.400	1219.100
GR	586.400	1221.100	586.400	1223.100	559.100	1223.100	556.500	1239.500	561.800	1279.400
GR	586.400	1279.400	586.400	1283.400	561.800	1283.400	564.600	1296.900	584.300	1334.700
GR	585.700	1342.200	594.200	1450.000	0.0	0.0	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	7.100	1138.110	1312.770	0.0	0.0
X1	884.000	0.0	0.0	0.0	1.000	1.000	1.000	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	7.100	1014.120	1322.780	0.0	0.0
X1	905.000	11.000	1075.000	1217.000	20.500	20.500	20.500	0.0	-0.570	0.0
GR	579.100	1000.000	570.200	1028.000	570.100	1075.000	565.600	1080.000	557.700	1100.000
GR	555.400	1125.000	554.100	1150.000	564.900	1210.000	570.400	1217.000	573.700	1300.000
GR	577.700	1400.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	7.100	1016.050	1307.470	0.0	0.0
X1	925.000	0.0	0.0	0.0	20.500	20.500	20.500	0.0	0.570	0.0
ET	5.000	0.0	0.0	0.0	0.0	-10.400	0.0	0.0	0.0	0.0
X1	1.315	0.0	0.0	0.0	390.000	390.000	390.000	0.820	0.300	0.0
X1	1.700	8.000	1010.000	1076.000	393.000	393.000	393.000	1.400	-0.300	0.0
GR	580.000	880.000	573.300	1000.000	573.800	1010.000	564.200	1017.000	554.900	1047.000
GR	564.900	1067.000	573.400	1076.000	579.300	1097.000	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	7.100	880.000	1095.700	0.0	0.0
X1	2100.000	0.0	0.0	0.0	392.000	392.000	392.000	0.710	0.300	0.0
ET	5.000	0.0	0.0	0.0	0.0	-10.400	0.0	0.0	0.0	0.0
X1	2900.000	11.000	1124.000	1226.000	800.000	800.000	800.000	0.0	0.0	0.0
GR	590.000	870.000	579.900	1000.000	572.100	1100.000	572.000	1124.000	564.900	1131.000
GR	556.600	1157.000	557.000	1175.000	565.800	1221.000	572.800	1226.000	580.600	1247.000
GR	590.000	1272.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	-10.400	0.0	0.0	0.0	0.0
X1	5550.000	9.000	1000.000	1091.000	2650.000	2650.000	2650.000	0.0	0.0	0.0
GR	600.000	160.000	574.100	1000.000	563.800	1009.000	562.500	1038.000	561.000	1049.000
GR	559.600	1061.000	565.600	1082.000	576.200	1091.000	600.000	1311.000	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	-10.400	0.0	0.0	0.0	0.0
X1	8175.000	11.000	1100.000	1181.000	2625.000	2625.000	2625.000	0.0	-6.150	0.0
GR	592.600	1000.000	587.100	1036.000	578.000	1048.000	574.800	1100.000	567.400	1111.000
GR	567.000	1128.000	566.000	1162.000	566.700	1181.000	576.700	1190.000	575.400	1200.000
GR	600.000	1390.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	8204.000	0.0	0.0	0.0	28.700	28.700	28.700	0.0	1.540	0.0
X1	8232.000	29.000	1100.000	1376.900	28.700	28.700	28.700	0.0	0.0	0.0
GR	594.900	1000.000	584.600	1100.000	584.500	1100.100	580.300	1120.500	576.900	1152.500
GR	590.400	1152.500	590.400	1154.900	576.900	1154.900	577.500	1176.000	565.800	1207.600
GR	590.900	1207.600	590.900	1210.000	565.800	1210.000	564.100	1238.500	563.900	1241.000
GR	565.700	1262.600	591.500	1262.600	591.500	1265.000	565.700	1265.000	566.000	1275.700
GR	575.900	1301.400	577.300	1317.600	592.200	1317.600	592.200	1320.000	577.400	1320.000
GR	581.400	1348.600	588.900	1376.800	588.900	1376.900	598.400	1426.900	0.0	0.0

GR	586.400	1162.600	570.000	1162.600	564.500	1193.200	559.100	1219.100	586.400	1219.100
GR	586.400	1221.100	586.400	1223.100	559.100	1223.100	556.500	1239.500	561.800	1279.400
GR	586.400	1279.400	586.400	1283.400	561.800	1283.400	564.600	1296.900	584.300	1334.700
GR	585.700	1342.200	594.200	1450.000	0.0	0.0	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	7.100	1138.110	1312.770	0.0	0.0
X1	884.000	0.0	0.0	0.0	1.000	1.000	1.000	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	7.100	1014.120	1322.780	0.0	0.0
X1	905.000	11.000	1075.000	1217.000	20.500	20.500	20.500	0.0	-0.570	0.0
GR	579.100	1000.000	579.200	1028.000	570.100	1075.000	565.600	1080.000	557.700	1100.000
GR	555.400	1125.000	554.100	1150.000	564.900	1210.000	570.400	1217.000	573.700	1300.000
GR	577.700	1400.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	7.100	1016.050	1307.470	0.0	0.0
X1	925.000	0.0	0.0	0.0	20.500	20.500	20.500	0.0	0.570	0.0
ET	5.000	0.0	0.0	0.0	0.0	-10.400	0.0	0.0	0.0	0.0
X1	1.315	0.0	0.0	0.0	390.000	390.000	390.000	0.820	0.300	0.0
X1	1.708	3.000	1010.000	1076.000	393.000	393.000	393.000	1.400	-0.300	0.0
GR	580.000	880.000	573.300	1000.000	573.800	1010.000	564.200	1017.000	554.900	1047.000
GR	564.900	1067.000	573.400	1076.000	579.300	1097.000	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	7.100	880.000	1095.700	0.0	0.0
X1	2100.000	0.0	0.0	0.0	392.000	392.000	392.000	0.710	0.300	0.0
ET	5.000	0.0	0.0	0.0	0.0	-10.400	0.0	0.0	0.0	0.0
X1	2900.000	11.000	1124.000	1226.000	800.000	800.000	800.000	0.0	0.0	0.0
GR	590.000	870.000	579.900	1000.000	572.100	1100.000	572.000	1124.000	564.900	1131.000
GR	556.600	1157.000	557.800	1175.000	565.800	1221.000	572.800	1226.000	580.600	1247.000
GR	590.000	1272.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	-10.400	0.0	0.0	0.0	0.0
X1	5550.000	9.000	1000.000	1091.000	2650.000	2650.000	2650.000	0.0	0.0	0.0
GR	600.000	160.000	574.100	1000.000	563.800	1009.000	562.500	1038.000	561.000	1049.000
GR	559.600	1061.000	563.600	1082.000	576.200	1091.000	600.000	1311.000	0.0	0.0
GT	5.000	8230.000	12990.000	15490.000	22600.000	15490.000	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	-10.400	0.0	0.0	0.0	0.0
X1	8175.000	11.000	1100.000	1181.000	2625.000	2625.000	2625.000	0.0	-6.150	0.0
GR	592.600	1000.000	587.100	1036.000	578.000	1048.000	574.800	1100.000	567.400	1111.000
GR	567.000	1128.000	566.000	1162.000	566.700	1181.000	576.700	1190.000	575.400	1200.000
GR	600.000	1390.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	8204.000	0.0	0.0	0.0	28.700	28.700	28.700	0.0	1.540	0.0
X1	8232.000	29.000	1100.000	1376.900	28.700	28.700	28.700	0.0	0.0	0.0
GR	594.900	1000.000	584.600	1100.000	584.500	1100.000	580.300	1120.500	576.900	1152.500
GR	590.400	1152.500	590.400	1154.900	576.900	1154.900	577.500	1176.000	565.800	1207.600
GR	590.900	1207.600	590.900	1210.000	565.800	1210.000	564.100	1238.500	563.900	1241.000
GR	565.700	1262.600	591.500	1262.600	591.500	1265.000	565.700	1265.000	566.000	1275.700
GR	575.900	1301.400	577.300	1317.600	592.200	1317.600	592.200	1320.000	577.400	1320.000
GR	581.400	1348.600	588.900	1376.800	588.900	1376.900	598.400	1426.900	0.0	0.0

 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
 ERROR CORR - 01
 MODIFICATION - 50.51.52

T1 DUTCHMANS CRK MOUNT HOLLY
 T2 GASTON CO. FIS JOB # 207022
 T3 50 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INO	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	-10.	3.	0.	0.	0.000700	0.0	0.0	0.	569.000	0.0
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLOC	IBW	CHNIM	ITRACE
	2.000	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0

*PROF 2

CCHV= 0.100 CEHV= 0.300

*SECNO 825.000

SECNO	DEPTH	WSEL	CRWS	WSELK	CG	HV	HL	QLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VRUB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
825.00	20.20	572.02	0.0	569.00	572.54	0.52	0.0	0.0	567.02
13030.	268.	12603.	159.	222.	2152.	191.	0.	0.	568.12
0.0	1.21	5.86	0.83	0.080	0.040	0.080	0.0	551.82	1015.10
0.000701	825.	825.	825.	0	0	4	0.0	299.92	1315.02

*SECNO 845.000

845.00	19.61	572.00	0.0	0.0	572.57	0.57	0.02	0.02	568.39
13030.	221.	12707.	102.	186.	2068.	137.	1.	0.	568.69
0.00	1.18	6.14	0.74	0.080	0.040	0.080	0.038	552.39	1016.97
0.000814	21.	21.	21.	2	0	0	0.0	283.19	1300.16

*SECNO 866.000

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

866.00	14.69	571.19	0.0	0.0	572.97	1.78	0.04	0.36	586.10
13030.	0.	13030.	0.	0.	1219.	0.	2.	0.	585.70
0.00	0.0	10.69	0.0	0.080	0.040	0.080	0.038	556.50	1150.10
0.007265	21.	21.	21.	3	0	0	0.0	147.45	1309.55

*SECNO 867.000

3265 DIVIDED FLOW

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T1 DUTCHMANS CRK MOUNT HOLLY
 T2 GASTON CO. FIS JOB # 207022
 T3 100 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INO	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	-10.	4.	0.	0.	0.000700	0.0	0.0	0.	570.000	0.0
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	3.000	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0

*PROF 3

CCHV= 0.100 CEHV= 0.300

*SECNO 825.000

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	DLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
825.00	21.65	573.47	0.0	570.00	574.04	0.57	0.0	0.0	567.82
15530.	454.	14688.	388.	312.	2358.	360.	0.	0.	568.12
0.0	1.46	6.23	1.08	0.080	0.040	0.080	0.0	551.82	1010.54
0.000702	825.	825.	825.	0	0	4	0.0	340.74	1351.28

*SECNO 845.000

845.00	21.05	573.44	0.0	0.0	574.08	0.63	0.02	0.02	568.39
15530.	400.	14830.	301.	274.	2274.	284.	1.	0.	568.69
0.00	1.46	6.52	1.06	0.080	0.040	0.080	0.038	552.39	1012.41
0.000809	21.	21.	21.	2	0	0	0.0	323.94	1336.35

*SECNO 866.000

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

866.00	16.17	572.67	0.0	0.0	574.46	1.79	0.04	0.35	586.10
15530.	0.	15530.	0.	0.	1446.	0.	2.	0.	585.70
0.00	0.0	10.74	0.0	0.080	0.040	0.080	0.038	556.50	1139.55
0.006745	21.	21.	21.	3	0	0	0.0	160.84	1312.38

*SECNO 867.000

3265 DIVIDED FLOW

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T1 DUTCHMANS CRK MOUNT HOLLY
 T2 GASTON CO. FIS JOB # 207022
 T3 500 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	-10.	5.	0.	0.	0.000700	0.0	0.0	0.	571.000	0.0

J2	NPROF	IPL0T	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0

*PROF 4

CCHV= 0.100 CEHV= 0.300
 *SECNO 825.000
 3280 CROSS SECTION 825.00 EXTENDED 1.51 FEET

SECNO	DEPTH	CWSEL	CRWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XL	XLCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
825.00	25.11	576.93	0.0	571.00	577.62	0.69	0.0	0.0	567.82
22660.	1076.	20105.	1478.	553.	2849.	945.	0.	0.	568.12
0.0	1.94	7.06	1.56	0.080	0.040	0.080	0.0	551.82	1000.00
0.000701	825.	825.	825.	0	0	5	0.0	400.00	1400.00

*SECNO 845.000
 3280 CROSS SECTION 845.00 EXTENDED 0.90 FEET

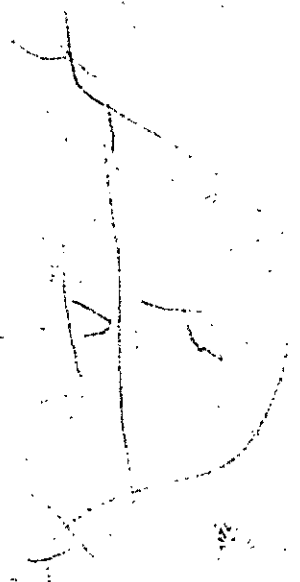
845.00	24.50	576.89	0.0	0.0	577.65	0.76	0.02	0.02	568.39
22660.	1010.	20345.	1305.	508.	2764.	834.	2.	0.	568.69
0.00	1.99	7.36	1.56	0.080	0.040	0.080	0.038	552.39	1001.56
0.000794	21.	21.	21.	2	0	0	0.0	398.44	1400.00

*SECNO 866.000

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

866.00	19.64	576.14	0.0	0.0	578.03	1.88	0.03	0.34	586.10
22660.	0.	22660.	0.	0.	2059.	0.	3.	0.	585.70
0.00	0.0	11.01	0.0	0.080	0.040	0.080	0.038	556.50	1120.07
0.005774	21.	21.	21.	2	0	0	0.0	186.99	1319.07



 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
 ERROR CORR - 01
 MODIFICATION - 50.51.52

NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

10 YEAR FLOOD WATER SURF

SUMMARY PRINTOUT

SECNO	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP
825.000	825.00	0.0	0.0	8260.00	551.82	568.58 ¹⁰	0.0	4.96	1025.93	1228.53	1700.24	0.0
825.000	825.00	0.0	0.0	13030.00	551.82	372.025 ⁰	0.0	5.86	1015.10	1315.02	2555.29	3.44
825.000	825.00	0.0	0.0	15530.00	551.82	573.47 ¹⁰⁰	0.0	6.23	1010.54	1351.28	3029.89	1.45
825.000	825.00	0.0	0.0	22660.00	551.82	576.935 ⁰⁰	0.0	7.06	1000.00	1400.00	4347.56	3.46
845.000	20.50	0.0	0.0	8260.00	552.39	568.56	0.0	5.23	1027.77	1216.84	1586.44	0.0
845.000	20.50	0.0	0.0	13030.00	552.39	572.00	0.0	6.14	1016.97	1300.16	2592.00	3.43
845.000	20.50	0.0	0.0	15530.00	552.39	573.44	0.0	6.52	1012.41	1336.35	2831.49	1.45
845.000	20.50	0.0	0.0	22660.00	552.39	576.89	0.0	7.36	1001.56	1400.00	4106.46	3.45
866.000	20.50	0.0	0.0	8260.00	556.50	567.53	0.0	11.24	1176.32	1302.53	735.03	0.0
866.000	20.50	0.0	0.0	13030.00	556.50	571.19	0.0	10.69	1150.10	1309.55	1218.54	3.66
866.000	20.50	0.0	0.0	15530.00	556.50	572.67	0.0	10.74	1139.56	1312.38	1446.40	1.48
866.000	20.50	0.0	0.0	22660.00	556.50	576.14	0.0	11.01	1120.07	1319.07	2058.79	3.48
867.000	1.00	593.80	586.40	8260.00	556.50	567.54	0.0	11.23	1176.31	1302.53	735.26	0.0
867.000	1.00	593.80	586.40	13030.00	556.50	571.20	0.0	10.69	1150.07	1309.55	1219.08	3.66
867.000	1.00	593.80	586.40	15530.00	556.50	572.68	0.0	10.73	1139.52	1312.39	1446.92	1.48
867.000	1.00	593.80	586.40	22660.00	556.50	576.15	0.0	11.01	1120.08	1319.06	2057.77	3.47
883.000	16.10	593.80	586.40	8260.00	556.50	567.99	0.0	10.44	1173.72	1303.43	791.11	0.0
883.000	16.10	593.80	586.40	13030.00	556.50	571.41	0.0	10.41	1148.51	1309.97	1251.57	3.42
883.000	16.10	593.80	586.40	15530.00	556.50	572.86	0.0	10.51	1138.15	1312.76	1477.97	1.45
883.000	16.10	593.80	586.40	22660.00	556.50	576.29	0.0	10.87	1119.79	1319.34	2085.25	3.43
884.000	1.00	0.0	0.0	8260.00	556.50	568.00	0.0	10.44	1173.71	1303.43	791.41	0.0
884.000	1.00	0.0	0.0	13030.00	556.50	571.42	0.0	10.40	1148.47	1309.99	1252.47	3.42
884.000	1.00	0.0	0.0	15530.00	556.50	572.87	0.0	10.50	1138.11	1312.77	1478.98	1.45
884.000	1.00	0.0	0.0	22660.00	556.50	576.30	0.0	10.86	1119.78	1319.35	2086.26	3.43
905.000	20.50	0.0	0.0	8260.00	553.53	569.42	0.0	5.36	1075.13	1216.47	1539.91	0.0
905.000	20.50	0.0	0.0	13030.00	553.53	572.62	0.0	6.40	1018.55	1287.50	2253.01	3.21
905.000	20.50	0.0	0.0	15530.00	553.53	574.03	0.0	6.81	1014.12	1322.78	2659.72	1.41
905.000	20.50	0.0	0.0	22660.00	553.53	577.43	0.0	7.68	1003.42	1400.00	3870.78	3.40
925.000	20.50	0.0	0.0	8260.00	554.10	569.40	0.0	5.67	1075.78	1215.73	1457.52	0.0
925.000	20.50	0.0	0.0	13030.00	554.10	572.60	0.0	6.73	1020.46	1272.24	2095.04	3.20
925.000	20.50	0.0	0.0	15530.00	554.10	574.00	0.0	7.15	1016.05	1307.47	2476.02	1.40
925.000	20.50	0.0	0.0	22660.00	554.10	577.39	0.0	8.04	1005.39	1392.29	3626.66	3.39

GROUND

A

B

SECNO	XLCH	ELTRD	ELLC	A	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP
1.315	390.00	0.0	0.0	8260.00	554.40	569.74	0.0	6.88	1062.10	1176.94	1200.19	0.0
1.315	390.00	0.0	0.0	13030.00	554.40	572.87	0.0	8.22	1016.63	1222.81	1713.65	3.13
1.315	390.00	0.0	0.0	15530.00	554.40	574.24	0.0	8.76	1013.30	1250.98	2017.04	1.37
1.315	390.00	0.0	0.0	22660.00	554.40	577.55	0.0	9.89	1004.76	1318.84	2930.22	3.31
1.708	393.00	0.0	0.0	8260.00	554.60	570.06	0.0	10.48	1065.51	1149.89	788.43	0.0
1.708	393.00	0.0	0.0	13030.00	554.60	572.96	0.0	12.48	1062.55	1154.19	1043.78	2.90
1.708	393.00	0.0	0.0	15530.00	554.60	574.16	0.0	13.42	1018.80	1159.70	1187.37	1.20
1.708	393.00	0.0	0.0	22660.00	554.60	577.07	574.24	15.44	946.03	1174.17	1722.92	2.91
2100.000	392.00	0.0	0.0	8260.00	554.90	571.55	0.0	13.06	1010.85	1072.88	632.26	0.0
2100.000	392.00	0.0	0.0	13030.00	554.90	574.32	0.0	16.05	981.04	1078.09	829.23	2.78
2100.000	392.00	0.0	0.0	15530.00	554.90	575.38	574.11	17.51	962.25	1081.83	943.53	1.05
2100.000	392.00	0.0	0.0	22660.00	554.90	578.43	578.43	19.93	907.98	1092.61	1407.20	3.05
2900.000	800.00	0.0	0.0	8260.00	556.60	575.34	0.0	5.77	1058.49	1232.83	1561.66	0.0
2900.000	800.00	0.0	0.0	13030.00	556.60	579.44	0.0	6.68	1005.89	1243.88	2407.54	4.10
2900.000	800.00	0.0	0.0	15530.00	556.60	581.23	0.0	7.02	982.83	1248.69	2809.33	1.79
2900.000	800.00	0.0	0.0	22660.00	556.60	585.38	0.0	7.85	929.47	1259.71	4094.98	4.14
5550.000	2650.00	0.0	0.0	8260.00	559.60	577.68	0.0	6.90	883.73	1104.73	1480.50	0.0
5550.000	2650.00	0.0	0.0	13030.00	559.60	581.63	0.0	7.17	755.64	1141.23	2678.36	3.95
5550.000	2650.00	0.0	0.0	15530.00	559.60	583.35	0.0	7.38	699.70	1157.18	3405.41	1.73
5550.000	2650.00	0.0	0.0	22660.00	559.60	587.46	0.0	7.70	566.79	1195.06	5630.18	4.10
8175.000	2625.00	0.0	0.0	8230.00	559.85	579.46	0.0	4.56	1037.97	1278.82	2627.43	0.0
8175.000	2625.00	0.0	0.0	12990.00	559.85	583.45	0.0	5.50	1019.67	1309.64	3676.88	3.99
8175.000	2625.00	0.0	0.0	15490.00	559.85	585.13	0.0	5.92	1008.64	1322.65	4185.76	1.68
8175.000	2625.00	0.0	0.0	22600.00	559.85	589.06	0.0	6.95	1000.00	1353.00	5507.30	3.93
8204.000	28.70	0.0	0.0	8230.00	561.39	579.41	0.0	5.14	1040.06	1266.57	2257.05	0.0
8204.000	28.70	0.0	0.0	12990.00	561.39	583.39	0.0	6.09	1030.10	1297.33	3232.82	3.98
8204.000	28.70	0.0	0.0	15490.00	561.39	585.07	0.0	6.52	1019.10	1310.31	3701.99	1.68
8204.000	28.70	0.0	0.0	22600.00	561.39	588.99	0.0	7.58	1000.00	1340.58	4949.57	3.92
8232.000	28.70	0.0	0.0	8230.00	563.90	579.35	0.0	5.49	1129.40	1333.97	1499.20	0.0
8232.000	28.70	0.0	0.0	12990.00	563.90	583.43	0.0	5.41	1105.32	1356.21	2400.98	4.07
8232.000	28.70	0.0	0.0	15490.00	563.90	585.15	0.0	5.47	1094.62	1362.72	2831.66	1.73
8232.000	28.70	0.0	0.0	22600.00	563.90	589.17	0.0	5.80	1055.63	1378.32	3978.42	4.02
8233.000	1.00	594.40	592.90	8230.00	563.90	579.36	0.0	5.49	1129.39	1333.98	1499.43	0.0
8233.000	1.00	594.40	592.90	12990.00	563.90	583.43	0.0	5.41	1105.31	1356.22	2401.36	4.07
8233.000	1.00	594.40	592.90	15490.00	563.90	585.16	0.0	5.47	1094.61	1362.72	2831.91	1.73
8233.000	1.00	594.40	592.90	22600.00	563.90	589.17	0.0	5.83	1055.63	1378.32	3919.14	4.01
82+50												
8267.000	33.40	594.40	592.90	8230.00	563.90	579.44	0.0	5.44	1128.71	1334.49	1513.51	0.0
8267.000	33.40	594.40	592.90	12990.00	563.90	583.48	0.0	5.38	1105.06	1356.42	2414.22	4.05
8267.000	33.40	594.40	592.90	15490.00	563.90	585.21	0.0	5.45	1094.14	1362.90	2844.42	1.72
8267.000	33.40	594.40	592.90	22600.00	563.90	589.21	0.0	5.81	1055.26	1378.52	3929.53	4.00
8268.000	1.00	0.0	0.0	8230.00	563.90	579.44	0.0	5.43	1128.61	1334.57	1515.67	0.0
8268.000	1.00	0.0	0.0	12990.00	563.90	583.49	0.0	5.38	1105.02	1356.44	2415.75	4.05
8268.000	1.00	0.0	0.0	15490.00	563.90	585.21	0.0	5.45	1094.09	1362.92	2845.82	1.72
8268.000	1.00	0.0	0.0	22600.00	563.90	589.22	0.0	5.78	1055.22	1378.54	3991.53	4.01

SECNO	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRIWS	VCH	SSTA	ENDST	AREA	DIFWSP
8296.000	28.70	0.0	0.0	8230.00	564.46	579.35	0.0	6.74	1044.19	1242.41	1592.59	0.0
8296.000	28.70	0.0	0.0	12990.00	564.46	583.30	0.0	7.62	1038.98	1272.91	2446.01	3.95
8296.000	28.70	0.0	0.0	15490.00	564.46	584.99	0.0	8.03	1036.76	1285.93	2853.24	1.69
8296.000	28.70	0.0	0.0	22600.00	564.46	588.92	0.0	9.00	1014.03	1316.28	3931.68	3.93
F 8325.000	28.70	0.0	0.0	8230.00	566.00	579.18	0.0	7.99	1046.44	1229.24	1267.79	0.0
8325.000	28.70	0.0	0.0	12990.00	566.00	583.15	0.0	8.71	1041.21	1259.84	2062.98	3.96
8325.000	28.70	0.0	0.0	15490.00	566.00	584.83	0.0	9.08	1038.99	1272.88	2444.84	1.69
8325.000	28.70	0.0	0.0	22600.00	566.00	588.76	0.0	10.09	1025.13	1303.20	3439.94	3.93
G 10600.000	2275.00	0.0	0.0	8230.00	564.40	584.07	0.0	8.12	989.22	1108.68	1043.84	0.0
10600.000	2275.00	0.0	0.0	12990.00	564.40	587.44	0.0	9.68	941.68	1129.42	1560.81	3.37
10600.000	2275.00	0.0	0.0	15490.00	564.40	588.93	0.0	10.24	920.63	1138.60	1864.33	1.49
10600.000	2275.00	0.0	0.0	22600.00	564.40	592.59	0.0	11.29	869.16	1158.00	2795.96	3.66
A H 11800.000	1200.00	0.0	0.0	7960.00	566.40	586.71	0.0	7.83	970.39	1094.44	1127.63	0.0
11800.000	1200.00	0.0	0.0	12580.00	566.40	590.42	0.0	9.17	922.80	1100.64	1687.99	3.71
11800.000	1200.00	0.0	0.0	15000.00	566.40	591.97	0.0	9.72	902.99	1103.22	1980.02	1.54
11800.000	1200.00	0.0	0.0	21920.00	566.40	595.58	0.0	10.90	856.69	1109.26	2797.70	3.61
B I 12800.000	1000.00	0.0	0.0	7960.00	573.50	588.63	0.0	7.83	981.10	1156.96	1092.12	0.0
12800.000	1000.00	0.0	0.0	12580.00	573.50	592.49	0.0	8.20	919.52	1165.99	1908.81	3.86
12800.000	1000.00	0.0	0.0	15000.00	573.50	594.08	0.0	8.42	894.33	1202.56	2347.51	1.58
12800.000	1000.00	0.0	0.0	21920.00	573.50	597.80	0.0	8.92	835.01	1288.98	3767.11	3.73
C 13900.000	1100.00	0.0	0.0	7950.00	571.40	590.66	0.0	6.10	986.88	1259.77	1653.25	0.0
13900.000	1100.00	0.0	0.0	12560.00	571.40	594.25	0.0	6.77	949.68	1348.17	2856.63	3.58
13900.000	1100.00	0.0	0.0	14990.00	571.40	595.76	0.0	7.03	934.03	1385.36	3497.47	1.51
13900.000	1100.00	0.0	0.0	21890.00	571.40	599.34	0.0	7.55	896.83	1473.78	5340.89	3.59
D 16050.000	2150.00	0.0	0.0	7940.00	574.90	592.67	0.0	5.66	995.62	1250.23	1778.04	0.0
16050.000	2150.00	0.0	0.0	12550.00	574.90	596.09	0.0	6.48	985.98	1366.96	2868.34	3.42
16050.000	2150.00	0.0	0.0	14970.00	574.90	597.54	0.0	6.81	981.91	1416.25	3458.96	1.45
16050.000	2150.00	0.0	0.0	21870.00	574.90	600.98	0.0	7.46	975.00	1500.00	5151.87	3.44

SUMMARY OF ERRORS

CAUTION SECNO= 2100.000 PROFILE= 4 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 2100.000 PROFILE= 4 MINIMUM SPECIFIC ENERGY

 HCC2 RELEASE DATED NOV 76 UPDATED FEB 1977
 ERROR CORR - 01
 MODIFICATION - 50,51,52

T1 DUTCHMANS CRK MOUNT HOLLY
 T2 GASTON CO. FIS JOB # 207022
 T3 100 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INO	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FB
	-1.	4.	0.	0.	0.0	0.0	0.0	0.	573.470	0.0
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	0.0	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	38.000	39.000	40.000	41.000	43.000	42.000	1.000	2.000	26.000	53.000
	54.000	25.000	50.000	0.0	200.000	0.0	0.0	0.0	0.0	0.0
NC	0.080	0.080	0.040	0.100	0.300	0.0	0.0	0.0	0.0	0.0
QT	5.000	8260.000	13030.000	15530.000	22660.000	15530.000	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	-10.400	0.0	0.0	0.0	0.0
X1	825.000	11.000	1075.000	1217.000	825.000	825.000	825.000	825.000	0.0	-2.280
GR	579.100	1000.000	570.200	1028.000	570.100	1075.000	565.600	1080.000	557.700	1100.000
GR	555.400	1125.000	554.100	1150.000	564.900	1210.000	570.400	1217.000	573.700	1300.000
GR	577.700	1400.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	845.000	0.0	0.0	0.0	20.500	20.500	20.500	20.500	0.0	0.570
ET	5.000	0.0	0.0	0.0	0.0	7.100	1139.550	1312.380	0.0	0.0
X1	866.000	22.000	1100.000	1342.200	20.500	20.500	20.500	20.500	0.0	0.0
GR	594.500	1000.000	586.100	1100.000	575.100	1122.200	570.000	1158.600	586.400	1158.600
GR	586.400	1162.500	570.000	1162.600	564.500	1193.200	559.100	1219.100	586.400	1219.100
GR	586.400	1221.100	586.400	1223.100	559.100	1223.100	556.500	1239.500	561.800	1279.400
GR	586.400	1279.400	586.400	1283.400	561.800	1283.400	564.600	1296.900	584.300	1334.700
GR	585.700	1342.200	594.200	1450.000	0.0	0.0	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	7.100	1139.520	1312.390	0.0	0.0
X1	867.000	0.0	0.0	0.0	1.000	1.000	1.000	1.000	0.0	0.0
BT	5.000	1000.000	594.500	0.0	1100.000	593.800	586.300	1221.100	593.900	586.400
BT	1342.200	593.800	586.300	1450.000	594.200	0.0	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	7.100	1138.150	1312.760	0.0	0.0
X1	883.000	22.000	1100.000	1342.200	16.100	16.100	16.100	16.100	0.0	0.0
BT	5.000	1000.000	594.500	0.0	1100.000	593.800	586.300	1221.100	593.900	586.400
BT	1342.200	593.800	586.300	1450.000	594.200	0.0	0.0	0.0	0.0	0.0
BT	584.500	1000.000	586.100	1100.000	575.100	1122.200	570.000	1158.600	586.400	1158.600

GR	586.400	1162.600	570.000	1162.600	564.300	1193.200	559.100	1219.100	586.400	1219.100
GR	586.400	1221.100	586.400	1223.100	559.100	1223.100	556.500	1239.500	561.800	1279.400
GR	586.400	1279.400	586.400	1283.400	561.800	1283.400	564.600	1296.900	584.300	1334.700
GR	585.700	1342.200	594.200	1450.000	0.0	0.0	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	7.100	1138.110	1312.770	0.0	0.0
X1	884.000	0.0	0.0	0.0	1.000	1.000	1.000	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	7.100	1014.120	1322.780	0.0	0.0
X1	905.000	11.000	1075.000	1217.000	20.500	20.500	20.500	0.0	-0.570	0.0
GR	579.100	1000.000	570.200	1028.000	570.100	1075.000	565.600	1080.000	557.700	1100.000
GR	555.400	1125.000	554.100	1150.000	564.900	1210.000	570.400	1217.000	573.700	1300.000
GR	577.700	1400.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	7.100	1016.050	1307.470	0.0	0.0
X1	925.000	0.0	0.0	0.0	20.500	20.500	20.500	0.0	0.570	0.0
ET	5.000	0.0	0.0	0.0	0.0	-10.400	0.0	0.0	0.0	0.0
X1	1.315	0.0	0.0	0.0	390.000	390.000	390.000	0.820	0.300	0.0
X1	1.708	8.000	1010.000	1076.000	393.000	393.000	393.000	1.400	-0.300	0.0
GR	580.000	880.000	573.300	1000.000	573.800	1010.000	564.200	1017.000	554.900	1047.000
GR	564.900	1067.000	573.400	1076.000	579.300	1097.000	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	7.100	880.000	1095.700	0.0	0.0
X1	2100.000	0.0	0.0	0.0	392.000	392.000	392.000	0.710	0.300	0.0
ET	5.000	0.0	0.0	0.0	0.0	-10.400	0.0	0.0	0.0	0.0
X1	2900.000	11.000	1124.000	1226.000	800.000	800.000	800.000	0.0	0.0	0.0
GR	590.000	870.000	579.900	1000.000	572.100	1100.000	572.000	1124.000	564.900	1131.000
GR	556.600	1157.000	557.800	1175.000	565.800	1221.000	572.800	1226.000	580.600	1247.000
GR	590.000	1272.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	-10.400	0.0	0.0	0.0	0.0
X1	5550.000	9.000	1000.000	1091.000	2650.000	2650.000	2650.000	0.0	0.0	0.0
GR	600.000	160.000	574.100	1000.000	563.800	1009.000	562.500	1038.000	561.000	1049.000
GR	559.600	1061.000	565.600	1082.000	576.200	1091.000	600.000	1311.000	0.0	0.0
QT	5.000	8230.000	12990.000	15490.000	22600.000	15490.000	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	-10.400	0.0	0.0	0.0	0.0
X1	8175.000	11.000	1100.000	1181.000	2625.000	2625.000	2625.000	0.0	-6.150	0.0
GR	592.600	1000.000	587.100	1036.000	578.000	1048.000	574.800	1100.000	567.400	1111.000
GR	567.000	1128.000	566.000	1162.000	566.700	1181.000	576.700	1190.000	575.400	1200.000
GR	600.000	1390.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	8204.000	0.0	0.0	0.0	28.700	28.700	28.700	0.0	1.540	0.0
X1	8232.000	29.000	1100.000	1376.900	28.700	28.700	28.700	0.0	0.0	0.0
GR	594.900	1000.000	584.600	1100.000	584.500	1100.100	580.300	1120.500	576.900	1152.500
GR	590.400	1152.500	590.400	1154.900	576.900	1154.900	577.500	1176.000	565.800	1207.600
GR	590.900	1207.600	590.900	1210.000	565.800	1210.000	564.100	1238.500	563.900	1241.000
GR	565.700	1262.600	591.500	1262.600	591.500	1265.000	565.700	1265.000	566.000	1275.700
GR	575.900	1301.400	577.300	1317.600	592.200	1317.600	592.200	1320.000	577.400	1320.000
GR	561.400	1348.600	588.900	1376.800	588.900	1376.900	598.400	1426.900	0.0	0.0

 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
 ERROR CORR - 01
 MODIFICATION - 50,51,52

T1 DUTCHMANS CRK MOUNT HOLLY
 T2 GASTON CO. FIS JOB # 207022
 T3 100 YEAR FLOODWAY

J1	ICHECK	INO	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-10.	6.	0.	0.	0.0	0.0	0.0	0.	574.490	0.0
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0

*PROF 2

CCHV= 0.100 CEHV= 0.300

*SECNO 825.000

2800 NAT Q1= 5859.88 WSEL= 573.47 ENC Q1= 6109.30 WSEL= 574.47 RATIO= -0.0426

NAT Q1= 6571. RATIOS LOB,CH,ROB= 0.0349 0.9298 0.0353 WSEL= 574.47

SECNO	DEPTH	CWSEL	CRWS	WSELK	EG	HV	HL	OLOSS	BANK	ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT	
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA	
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	

3470 ENCROACHMENT STATIONS=	1075.0	1217.0	TYPE=	4	TARGET=	0.070			
825.00	22.67	574.49	0.0	573.47	575.09	0.60	0.0	0.0	567.82
15530.	0.	15530.	0.	0.	2503.	0.	0.	0.	568.12
0.0	0.0	6.20	0.0	0.080	0.040	0.080	0.0	551.82	1075.00
0.000721	825.	825.	825.	0	0	0	0.0	142.00	1217.00

*SECNO 845.000

2800 NAT Q1= 5460.01 WSEL= 573.44 ENC Q1= 5767.72 WSEL= 574.44 RATIO= -0.0564

NAT Q1= 6140. RATIOS LOB,CH,ROB= 0.0316 0.9394 0.0290 WSEL= 574.44

3470 ENCROACHMENT STATIONS=	1075.0	1217.0	TYPE=	4	TARGET=	0.061			
845.00	22.09	574.48	0.0	573.44	575.12	0.64	0.02	0.01	568.39
15530.	0.	15530.	0.	0.	2420.	0.	1.	0.	568.69
0.00	0.0	6.42	0.0	0.080	0.040	0.080	0.038	552.39	1075.00
0.000799	21.	21.	21.	2	0	0	0.0	142.00	1217.00

*SECNO 866.000

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 1139.5 1312.4 TYPE= 1 TARGET= 172.830

 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
 ERROR CORR - 01
 MODIFICATION - 50,51,52

NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

100 YEAR FLOOD WATER SUR

SUMMARY PRINTOUT

SECNO	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP
A 825.000	825.00	0.0	0.0	15530.00	551.82	573.47	0.0	6.23	1010.54	1351.26	3029.60	0.0
825.000	825.00	0.0	0.0	15530.00	551.82	574.49	0.0	6.20	1075.00	1217.00	2503.10	1.02
845.000	20.50	0.0	0.0	15530.00	552.39	573.44	0.0	6.52	1012.42	1336.32	2831.07	0.0
845.000	20.50	0.0	0.0	15530.00	552.39	574.48	0.0	6.42	1075.00	1217.00	2420.20	1.03
866.000	20.50	0.0	0.0	15530.00	556.50	572.67	0.0	10.74	1139.55	1312.38	1446.24	0.0
866.000	20.50	0.0	0.0	15530.00	556.50	574.01	0.0	9.34	1139.55	1312.38	1661.94	1.34
867.000	1.00	593.80	586.40	15530.00	556.50	572.68	0.0	10.73	1139.53	1312.39	1446.80	0.0
867.000	1.00	593.80	586.40	15530.00	556.50	574.01	0.0	9.34	1139.52	1312.39	1661.94	1.33
883.000	16.10	593.80	586.40	15530.00	556.50	572.86	0.0	10.51	1138.16	1312.76	1477.81	0.0
883.000	16.10	593.80	586.40	15530.00	556.50	574.12	0.0	9.23	1138.15	1312.76	1681.79	1.25
884.000	1.00	0.0	0.0	15530.00	556.50	572.87	0.0	10.50	1138.11	1312.77	1478.87	0.0
884.000	1.00	0.0	0.0	15530.00	556.50	574.12	0.0	9.23	1138.11	1312.77	1682.54	1.25
905.000	20.50	0.0	0.0	15530.00	553.53	574.03	0.0	6.81	1014.12	1322.76	2659.50	0.0
905.000	20.50	0.0	0.0	15530.00	553.53	574.96	0.0	6.33	1014.12	1322.78	2943.94	0.92
B 925.000	20.50	0.0	0.0	15530.00	554.10	574.00	0.0	7.15	1016.05	1307.46	2475.87	0.0
925.000	20.50	0.0	0.0	15530.00	554.10	574.93	0.0	6.64	1016.05	1307.47	2747.01	0.93
1.315	390.00	0.0	0.0	15530.00	554.40	574.24	0.0	8.76	1013.30	1250.98	2017.06	0.0
1.315	390.00	0.0	0.0	15530.00	554.40	575.04	0.0	8.55	1061.50	1177.94	1816.39	0.80
1.708	393.00	0.0	0.0	15530.00	554.60	574.16	0.0	13.42	1018.81	1159.70	1187.27	0.0
1.708	393.00	0.0	0.0	15530.00	554.60	575.11	0.0	12.50	1062.00	1154.40	1241.98	0.95
2100.000	392.00	0.0	0.0	15530.00	554.90	575.38	574.11	17.50	962.24	1081.83	943.61	0.0
2100.000	392.00	0.0	0.0	15530.00	554.90	575.99	574.24	16.64	951.27	1084.01	1021.37	0.62
C 2900.000	800.00	0.0	0.0	15530.00	556.60	581.23	0.0	7.02	982.84	1248.68	2859.20	0.0
2900.000	800.00	0.0	0.0	15530.00	556.60	581.24	0.0	7.64	1112.31	1227.56	2128.90	0.00
D 5550.000	2650.00	0.0	0.0	15530.00	559.60	583.35	0.0	7.38	699.72	1157.17	3405.22	0.0
5550.000	2650.00	0.0	0.0	15530.00	559.60	583.70	0.0	7.94	948.00	1103.62	2352.22	0.34

SECNO	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP
E 8175.000	2625.00	0.0	0.0	15490.00	559.85	585.13	0.0	5.92	1008.64	1322.65	4185.68	0.0
8175.000	2625.00	0.0	0.0	15490.00	559.85	585.73	0.0	6.22	1051.88	1232.61	3556.02	0.60
8204.000	28.70	0.0	0.0	15490.00	561.39	585.07	0.0	6.52	1019.10	1310.31	3701.99	0.0
8204.000	28.70	0.0	0.0	15490.00	561.39	585.66	0.0	6.88	1056.41	1224.35	3114.68	0.59
8232.000	28.70	0.0	0.0	15490.00	563.90	585.15	0.0	5.47	1094.62	1362.72	2831.66	0.0
8232.000	28.70	0.0	0.0	15490.00	563.90	585.92	0.0	5.12	1100.00	1365.58	3024.10	0.76
8233.000	1.00	594.40	592.90	15490.00	563.90	585.16	0.0	5.47	1094.61	1362.72	2831.91	0.0
8233.000	1.00	594.40	592.90	15490.00	563.90	585.92	0.0	5.12	1100.00	1365.58	3024.31	0.76
8267.000	33.40	594.40	592.90	15490.00	563.90	585.21	0.0	5.45	1094.14	1362.90	2844.42	0.0
8267.000	33.40	594.40	592.90	15490.00	563.90	585.96	0.0	5.11	1100.00	1365.73	3034.13	0.75
8268.000	1.00	0.0	0.0	15490.00	563.90	585.21	0.0	5.45	1094.09	1362.92	2845.82	0.0
8268.000	1.00	0.0	0.0	15490.00	563.90	585.96	0.0	5.10	1100.00	1365.75	3035.44	0.75
8296.000	28.70	0.0	0.0	15490.00	564.46	584.99	0.0	8.03	1036.76	1235.93	2853.24	0.0
8296.000	28.70	0.0	0.0	15490.00	564.46	585.57	0.0	8.53	1067.66	1207.66	2310.44	0.58
F 8325.000	28.70	0.0	0.0	15490.00	566.00	584.83	0.0	9.08	1038.99	1272.88	2444.84	0.0
8325.000	28.70	0.0	0.0	15490.00	566.00	585.67	0.0	8.52	1038.99	1272.88	2641.26	0.84
G 10600.000	2275.00	0.0	0.0	15490.00	564.40	588.93	0.0	10.24	920.63	1138.60	1864.33	0.0
10600.000	2275.00	0.0	0.0	15490.00	564.40	589.15	0.0	10.07	917.59	1139.93	1911.79	0.22
AH 11800.000	1200.00	0.0	0.0	15000.00	566.40	591.97	0.0	9.72	902.99	1103.22	1980.02	0.0
11800.000	1200.00	0.0	0.0	15000.00	566.40	592.05	0.0	9.65	902.99	1103.22	1997.51	0.09
BI 12800.000	1000.00	0.0	0.0	15000.00	573.50	594.08	0.0	8.42	894.33	1202.56	2347.51	0.0
12800.000	1000.00	0.0	0.0	15000.00	573.50	594.12	0.0	8.38	894.33	1202.56	2362.00	0.05
C 13900.000	1100.00	0.0	0.0	14990.00	571.40	595.76	0.0	7.03	934.03	1385.36	3497.47	0.0
13900.000	1100.00	0.0	0.0	14990.00	571.40	595.78	0.0	7.01	934.03	1385.36	3510.18	0.03
D 16050.000	2150.00	0.0	0.0	14970.00	574.90	597.54	0.0	6.81	981.91	1416.25	3458.96	0.0
16050.000	2150.00	0.0	0.0	14970.00	574.90	597.55	0.0	6.80	981.91	1416.25	3465.90	0.02

SUMMARY OF ERRORS