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 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977  
 ERROR CORR - 01  
 MODIFICATION - 50,51,52  
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C  
 T1 LEXINGTON-DAVIDSON CO. STREAM 6L  
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918  
 T3 10 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	NSEL	FO
	-1.	2.	0.	0.	0.018000	0.0	0.0	0.	718.000	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	45.000	42.000	1.000	2.000	26.000	53.000
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	54.000	25.000	50.000	0.0	201.000	0.0	0.0	0.0	0.0	0.0
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NC	0.055	0.055	0.035	0.100	0.300	0.0	0.0	0.0	0.0	0.0
QT	5.000	422.000	731.000	886.000	1254.000	886.000	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	50.000	18.000	1376.000	1395.000	50.000	50.000	50.000	0.0	-1.800	0.0
GR	734.700	1000.000	728.500	1163.000	728.900	1175.000	728.000	1187.000	727.700	1200.000
GR	722.200	1300.000	721.100	1342.000	721.700	1344.000	721.000	1373.000	720.500	1376.000
GR	715.000	1377.000	714.700	1385.000	715.100	1385.000	715.100	1393.000	719.300	1395.000
GR	720.900	1400.000	730.200	1500.000	734.700	1571.000	0.0	0.0	0.0	0.0

X1	100.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.200	0.0
NC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	150.000	17.000	1468.500	1475.500	50.000	50.000	50.000	0.0	0.0	0.0
GR	735.500	1000.000	730.200	1100.000	725.200	1200.000	722.300	1300.000	720.300	1400.000
GR	720.200	1428.000	719.400	1461.000	714.200	1468.500	713.200	1468.500	713.200	1475.500
GR	714.200	1475.500	717.800	1482.000	719.300	1487.000	719.400	1500.000	722.200	1600.000
GR	725.600	1697.000	735.400	1719.000	0.0	0.0	0.0	0.0	0.0	0.0
SB	0.900	1.500	2.500	0.0	5.000	0.010	35.000	0.0	0.0	0.0

RDNO W. THIRD AVE. MXLCEL 718.2 RDELV 719.1

X1	177.000	0.0	0.0	0.0	27.000	27.000	27.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	718.200	0.0	0.0	0.0	0.0	0.0	0.0
BT	12.000	1000.000	735.300	0.0	1100.000	730.200	0.0	1200.000	725.200	0.0
BT	1300.000	722.300	0.0	1400.000	720.300	0.0	1428.000	720.200	0.0	1468.500
BT	719.100	718.200	1475.500	719.100	718.200	1500.000	719.400	0.0	1600.000	722.200



GR	740.600	1600.000	731.000	1500.000	733.400	1600.000	738.100	1700.000	740.600	1800.000
GR	739.100	1445.000	731.500	1500.000	733.400	1600.000	738.100	1700.000	740.600	1800.000
GR	742.000	1850.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SB	0.900	1.500	2.500	0.0	5.000	0.010	19.600	0.0	0.0	0.0

RDNO W SECOND ST. MXLCEL 725.5 RDELV 727.8

X1	750.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	725.500	0.0	0.0	0.0	0.0	0.0	0.0
BT	18.000	1000.000	742.700	0.0	1100.000	734.200	0.0	1200.000	729.000	0.0
BT	1278.500	727.800	723.000	1279.000	727.800	724.500	1280.000	727.800	725.300	1281.000
BT	727.800	725.500	1282.000	727.800	725.300	1283.000	727.800	724.500	1283.500	727.800
BT	723.000	1300.000	728.000	0.0	1400.000	731.700	0.0	1445.000	733.100	0.0
BT	1500.000	731.600	0.0	1600.000	733.400	0.0	1700.000	738.100	0.0	1800.000
BT	740.600	0.0	1830.000	742.000	0.0	0.0	0.0	0.0	0.0	0.0
NC	0.055	0.055	0.035	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	800.000	17.000	1216.000	1246.000	50.000	50.000	50.000	0.0	2.600	0.0
GR	739.000	1000.000	730.600	1100.000	723.700	1200.000	723.500	1216.000	718.900	1220.000
GR	718.300	1231.000	718.700	1236.000	719.000	1242.000	723.600	1246.000	725.200	1300.000
GR	730.600	1357.000	729.400	1400.000	729.600	1500.000	731.900	1600.000	735.300	1700.000
GR	737.600	1800.000	739.300	1821.000	0.0	0.0	0.0	0.0	0.0	0.0

X1	850.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.500	0.0
X1	900.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.300	0.0
NC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	950.000	21.000	1497.700	1502.200	50.000	50.000	50.000	0.0	0.0	0.0
GR	731.000	1000.000	733.200	1100.000	732.700	1200.000	733.000	1220.000	730.900	1300.000
GR	729.000	1400.000	729.100	1493.000	728.000	1494.000	724.900	1497.700	723.300	1498.400
GR	722.600	1500.000	723.300	1501.600	724.900	1502.200	726.400	1507.000	728.700	1604.000
GR	730.200	1649.000	730.400	1663.000	730.300	1677.000	730.800	1704.000	732.600	1804.000
GR	744.100	1821.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SB	0.900	1.500	2.500	0.0	4.500	0.010	15.900	0.0	0.0	0.0

RDNO MARTIN ST. MXLCEL 727.1 RDELV 729.1

X1	1004.000	0.0	0.0	0.0	54.000	54.000	54.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	727.100	0.0	0.0	0.0	0.0	0.0	0.0
BT	16.000	1000.000	731.000	0.0	1100.000	733.200	0.0	1200.000	732.700	0.0
BT	1220.000	733.000	0.0	1300.000	730.900	0.0	1400.000	729.000	0.0	1497.700
BT	729.100	724.900	1498.400	729.100	726.500	1500.000	729.100	727.100	1501.600	729.100
BT	726.500	1502.200	729.100	724.900	1600.000	732.000	0.0	1700.000	737.000	0.0
BT	1748.000	739.200	0.0	1800.000	742.200	0.0	1821.000	744.100	0.0	0.0
NC	0.055	0.055	0.035	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	1054.000	15.000	1090.000	1103.000	50.000	50.000	50.000	0.0	-1.200	0.0
GR	745.800	1000.000	741.500	1074.000	729.400	1090.000	724.600	1091.000	724.000	1096.000
GR	724.700	1100.000	727.800	1103.000	730.100	1200.000	731.600	1245.000	731.800	1259.000
GR	731.700	1273.000	732.200	1300.000	734.000	1400.000	737.500	1500.000	740.600	1600.000

X1	1104.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.200	0.0
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X1	1300.000	16.000	1090.000	1103.000	196.000	196.000	196.000	0.0	0.0	0.0
GR	745.800	1000.000	741.500	1074.000	729.400	1090.000	724.600	1091.000	724.000	1096.000
GR	724.400	1098.000	724.700	1100.000	727.800	1103.000	730.100	1200.000	731.600	1245.000
GR	731.800	1299.000	731.700	1273.000	732.200	1300.000	734.000	1400.000	737.500	1500.000

MADE IN U.S.A.

GR	740.600	1600.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	1350.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.400	0.0
NC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	1400.000	18.000	1275.000	1281.000	50.000	50.000	50.000	0.0	0.0	0.0
GR	752.200	1000.000	746.800	1100.000	741.600	1200.000	738.800	1262.000	730.900	1272.000
GR	728.000	1275.000	725.500	1275.000	725.500	1281.000	728.000	1281.000	729.300	1285.000
GR	731.600	1382.000	733.100	1427.000	733.300	1441.000	733.200	1455.000	733.700	1482.000
GR	735.500	1582.000	739.000	1682.000	746.900	1800.000	0.0	0.0	0.0	0.0
SB	0.900	1.500	2.500	0.0	8.000	0.010	48.000	0.0	0.0	0.0

ROND W. CENTER ST. MXLCEL 733.5 RDELV 738.1

X1	1455.000	0.0	0.0	0.0	55.000	55.000	55.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	733.500	0.0	0.0	0.0	0.0	0.0	0.0
BT	12.000	1000.000	752.200	0.0	1100.000	746.800	0.0	1200.000	741.600	0.0
BT	1275.000	738.100	733.500	1281.000	738.100	733.500	1282.000	738.100	0.0	1300.000
BT	737.700	0.0	1400.000	738.300	0.0	1500.000	740.500	0.0	1600.000	742.600
BT	0.0	1700.000	744.900	0.0	1800.000	746.900	0.0	0.0	0.0	0.0
NC	0.055	0.055	0.055	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	1505.000	16.000	1090.000	1103.000	50.000	50.000	50.000	0.0	1.900	0.0
GR	745.800	1000.000	741.500	1074.000	729.400	1090.000	724.600	1091.000	724.000	1096.000
GR	724.400	1098.000	724.700	1100.000	727.800	1103.000	730.100	1200.000	731.600	1245.000
GR	731.800	1259.000	731.700	1273.000	732.200	1300.000	734.000	1400.000	737.500	1500.000
GR	740.600	1600.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	1555.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.400	0.0
QT	5.000	376.000	650.000	790.000	1122.000	790.000	0.0	0.0	0.0	0.0

X1	1600.000	18.000	1136.000	1163.000	45.000	45.000	45.000	0.0	-3.000	0.0
GR	750.200	1000.000	735.400	1100.000	735.000	1136.000	730.400	1141.000	730.200	1147.000
GR	730.300	1150.000	730.300	1153.000	735.300	1163.000	736.000	1200.000	738.100	1300.000
GR	738.700	1370.000	734.400	1380.000	734.100	1382.000	734.300	1384.000	739.800	1395.000
GR	740.000	1400.000	746.400	1500.000	750.100	1537.000	0.0	0.0	0.0	0.0

X1	1650.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.300	0.0
NC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	1700.000	19.000	1432.000	1436.000	50.000	50.000	50.000	0.0	0.0	0.0
GR	750.200	1000.000	747.500	1100.000	746.500	1155.000	745.300	1200.000	740.600	1300.000
GR	737.100	1368.000	734.300	1387.000	733.900	1423.000	731.100	1432.000	729.400	1433.000
GR	729.100	1434.000	729.400	1435.000	731.100	1436.000	734.200	1450.000	735.000	1485.000
GR	735.100	1500.000	736.700	1600.000	741.900	1700.000	751.000	1780.000	0.0	0.0
SB	0.900	2.000	2.500	0.0	4.000	0.010	12.600	0.0	0.0	0.0

ROND N. PAYNE ST. MXLCEL 733.1 RDELV 735.1

X1	1915.000	0.0	0.0	0.0	215.000	215.000	215.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	733.100	0.0	0.0	0.0	0.0	0.0	0.0
BT	15.000	1000.000	750.200	0.0	1100.000	747.500	0.0	1155.000	746.500	0.0
BT	1200.000	745.300	0.0	1300.000	740.600	0.0	1400.000	735.700	0.0	1432.000
BT	735.100	731.100	1433.000	735.100	732.800	1434.000	735.100	733.100	1435.000	735.100
BT	732.800	1436.000	735.100	731.100	1500.000	735.100	0.0	1600.000	736.700	0.0
BT	1700.000	741.900	0.0	1780.000	751.000	0.0	0.0	0.0	0.0	0.0
NC	0.055	0.055	0.055	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	1965.000	18.000	1136.000	1163.000	50.000	50.000	50.000	0.0	-0.800	0.0
GR	750.200	1000.000	735.400	1100.000	735.000	1136.000	730.400	1141.000	730.200	1147.000
GR	730.300	1150.000	730.300	1153.000	735.300	1163.000	736.000	1200.000	738.100	1300.000
GR	738.700	1370.000	734.400	1380.000	734.100	1382.000	734.300	1384.000	739.800	1395.000
GR	740.000	1400.000	746.400	1500.000	750.100	1537.000	0.0	0.0	0.0	0.0

X1	2015.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.300	0.0
QT	5.000	308.000	540.000	662.000	953.000	662.000	0.0	0.0	0.0	0.0

X1	2200.000	20.000	1170.000	1178.000	185.000	185.000	185.000	0.0	-0.400	0.0
GR	754.100	1000.000	749.200	1010.000	749.300	1025.000	747.900	1044.000	748.100	1045.000
GR	744.800	1100.000	741.900	1123.000	739.100	1170.000	734.900	1174.000	740.000	1178.000
GR	740.400	1181.000	745.500	1197.000	745.900	1200.000	747.900	1255.000	747.500	1256.000
GR	749.100	1279.000	749.400	1300.000	749.600	1305.000	749.600	1304.000	754.100	1317.000

X1	2250.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.400	0.0
NC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	2300.000	18.000	1199.000	1203.000	50.000	50.000	50.000	0.0	0.0	0.0
GR	759.100	1000.000	748.300	1051.000	748.400	1075.000	747.000	1100.000	746.000	1132.000
GR	743.900	1150.000	743.100	1197.000	738.900	1199.000	737.500	1199.600	736.900	1201.000
GR	737.500	1202.400	738.900	1203.000	742.000	1205.000	742.000	1208.000	744.300	1214.000
GR	745.300	1270.000	748.800	1300.000	759.100	1356.000	0.0	0.0	0.0	0.0
SB	0.900	2.100	2.500	0.0	4.000	0.010	12.500	0.0	0.0	0.0

RDNO WILLIAMS CIRCLE MXCEL 740.9 RDELV 744.1

X1	2510.000	0.0	0.0	0.0	210.000	210.000	210.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	740.900	0.0	0.0	0.0	0.0	0.0	0.0
BT	12.000	1000.000	759.100	0.0	1051.000	748.300	0.0	1075.000	748.400	0.0
BT	1100.000	747.000	0.0	1199.000	744.100	738.900	1199.600	744.100	740.300	1201.000
BT	744.100	740.900	1202.400	744.100	740.300	1203.000	744.100	738.900	1270.000	745.300
BT	0.0	1300.000	748.800	0.0	1356.000	759.100	0.0	0.0	0.0	0.0
NC	0.055	0.055	0.035	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	2560.000	20.000	1170.000	1178.000	50.000	50.000	50.000	0.0	2.600	0.0
GR	754.100	1000.000	749.200	1010.000	749.300	1025.000	747.900	1044.000	748.100	1045.000
GR	744.800	1100.000	741.900	1123.000	739.100	1170.000	734.900	1174.000	740.000	1178.000
GR	740.400	1181.000	745.500	1197.000	745.900	1200.000	747.900	1255.000	747.500	1256.000
GR	749.100	1279.000	749.400	1300.000	749.600	1303.000	749.600	1304.000	754.100	1317.000

X1	2610.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.700	0.0
QT	5.000	188.000	345.000	432.000	647.000	432.000	0.0	0.0	0.0	0.0

X1	2850.000	13.000	1237.000	1245.000	240.000	240.000	240.000	0.0	0.0	0.0
GR	759.700	1000.000	749.600	1090.000	750.100	1100.000	749.200	1113.000	747.100	1200.000
GR	744.800	1237.000	741.200	1241.000	743.900	1245.000	746.800	1300.000	745.500	1340.000
GR	746.800	1400.000	755.600	1500.000	759.300	1525.000	0.0	0.0	0.0	0.0
EJ	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918  
 T3 50 YEAR FLOOD WATER SURFACE PROFILE

J1 ICHECK INQ NINV IDIR STRT METRIC HVINS 0 WSEL FQ  
 -10. 3. 0. 0. 0.018000 0.0 0.0 0. 719.000 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 50.000

SECNO	DEPTH	CWSEL	CRWS	WSELK	EG	HV	HL	LOSS	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
3720	CRITICAL DEPTH ASSUMED								
50.00	4.18	717.08	717.08	719.00	718.91	1.83	0.0	0.0	718.70
731.	0.	731.	0.	0.	67.	0.	0.	0.	717.50
0.0	0.0	10.87	0.0	0.055	0.035	0.055	0.0	712.90	1376.29
0.017078	50.	50.	50.	0	14	0	0.0	18.51	1394.80

\*SECNO 100.000

3301 HV CHANGED MORE THAN HVINS.

100.00	5.40	718.50	0.0	0.0	719.52	1.02	0.52	0.08	718.90
731.	0.	730.	1.	0.	90.	1.	0.	0.	717.70
0.00	0.0	8.10	1.19	0.055	0.035	0.055	0.034	713.10	1376.07
0.007013	50.	50.	50.	3	0	0	0.0	21.42	1397.50

CCHV= 0.100 CEHV= 0.300  
 \*SECNO 150.000

3301 HV CHANGED MORE THAN HVINS.

SECNO	DEPTH	CWSEL	CRWS	WSELK	EG	HV	HL	LOSS	BANK ELEV
C	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

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

T1 LEXINGTON-DAVIDSON CO. STREAM 6L  
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918  
 T3 100 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FA
	-10.	4.	0.	0.	0.018000	0.0	0.0	0.	721.000	0.0

J2	NPROF	YPL0T	PRFVS	XSECV	XSECH	FN	ALLOC	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 50.000

SECNO	DEPTH	CWSEL	CRISW	WSELK	EG	HV	HL	QLOSS	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

3720	CRITICAL DEPTH ASSUMED								
50.00	4.71	717.61	717.61	721.00	719.66	2.05	0.0	0.0	718.70
886.	0.	886.	0.	0.	77.	0.	0.	0.	717.50
0.0	0.0	11.49	0.03	0.055	0.035	0.055	0.0	712.90	1376.20
0.016784	50.	50.	50.	0	11	0	0.0	19.14	1399.34

\*SECNO 100.000

3301 HV CHANGED MORE THAN HVINS

100.00	6.00	719.10	0.0	0.0	720.26	1.16	0.52	0.09	718.90
886.	0.	881.	5.	0.	101.	3.	0.	0.	717.70
0.00	0.48	8.68	1.73	0.055	0.035	0.055	0.034	713.10	1374.82
0.007022	50.	50.	50.	5	0	0	0.0	24.55	1399.37

CCHV= 0.100 CEHV= 0.300

\*SECNO 150.000

SECNO	DEPTH	CWSEL	CRISW	WSELK	EG	HV	HL	QLOSS	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

3685 20 TRIALS ATTEMPTED WSEL,CWSEL  
 3693 PROBABLE MINIMUM SPECIFIC ENERGY

3720	CRITICAL DEPTH ASSUMED								
150.00	6.97	720.17	720.17	0.0	721.00	0.83	0.20	0.03	714.20

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

T1 LEXINGTON-DAVIDSON CO. STREAM 6L  
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918  
 T3 500 YEAR FLOOD WATER SURFACE PROFILE

J1 ICHECK INQ NINV ICIR STRT METRIC HVINS Q WSEL FQ  
 -10. 5. 0. 0. 0.018000 0.0 0.0 0. 722.000 0.0

J2 NPROF IPLOT PRFVS XSECV XSECH FN ALLOC IBW CHNIN 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 50.000

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

3720 CRITICAL DEPTH ASSUMED

50.00	5.79	718.69	718.69	722.00	721.22	2.53	0.0	0.0	718.70
1254.	0.	1249.	5.	0.	98.	2.	0.	0.	717.50
0.0	0.0	12.79	2.35	0.055	0.035	0.055	0.0	712.90	1376.00
0.016057	50.	50.	50.	0	14	0	0.0	22.73	1398.73

\*SECNO 100.000

3301 HV CHANGED MORE THAN HVINS

100.00	7.84	720.94	0.0	0.0	721.74	0.80	0.34	0.17	718.90
1254.	138.	1060.	56.	80.	136.	26.	0.	0.	717.70
0.00	1.73	7.77	2.12	0.055	0.035	0.055	0.034	713.10	1293.96
0.003800	50.	50.	50.	2	0	0	0.0	123.59	1417.55

CCHV= 0.100 CEHV= 0.300

\*SECNO 150.000

3301 HV CHANGED MORE THAN HVINS

150.00	8.46	721.66	0.0	0.0	721.87	0.21	0.07	0.06	714.20
1254.	442.	338.	474.	185.	59.	175.	1.	0.	714.20
0.01	2.39	5.70	2.72	0.025	0.025	0.025	0.029	713.20	1331.56
0.000745	50.	50.	50.	2	0	0	0.0	249.47	1581.02





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 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	D	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP
0.00					712.90	715.90						
* 50.000	50.00	0.0	0.0	422.00	712.90	715.90	715.90	9.19	1376.51	1394.24	45.91	0.0
* 66 50.000	50.00	0.0	0.0	731.00	712.90	717.08	717.08	10.87	1376.29	1394.80	67.26	0.0
* 50.000	50.00	0.0	0.0	886.00	712.90	717.61	717.61	11.49	1376.20	1395.54	77.15	0.0
* 80.000	50.00	0.0	0.0	1254.00	712.90	718.69	718.69	12.79	1376.00	1398.73	99.87	1.08
100.000	50.00	0.0	0.0	422.00	713.10	717.11	0.0	6.56	1376.32	1394.72	64.31	0.0
100.000	50.00	0.0	0.0	731.00	713.10	718.50	0.0	8.10	1376.07	1397.50	91.15	0.0
* 110 100.000	50.00	0.0	0.0	886.00	713.10	719.10	0.0	8.68	1374.82	1399.37	104.66	0.0
100.000	50.00	0.0	0.0	1254.00	713.10	720.94	0.0	7.77	1293.96	1417.55	242.78	1.84
* 150.000	50.00	0.0	0.0	422.00	713.20	717.49	717.49	10.57	1463.75	1481.43	47.67	0.0
* 166 150.000	50.00	0.0	0.0	731.00	713.20	718.87	718.87	11.80	1461.77	1485.56	75.91	0.0
* 150.000	50.00	0.0	0.0	886.00	713.20	720.17	720.17	9.20	1429.18	1527.55	142.89	0.0
150.000	50.00	0.0	0.0	1254.00	713.20	721.66	0.0	5.70	1331.56	1581.02	418.54	1.49
193 177.000	27.00	719.10	718.20	422.00	713.20	719.53	0.0	5.60	1455.40	1504.84	95.90	0.0
177.000	27.00	719.10	718.20	731.00	713.20	720.43	0.0	6.67	1393.14	1537.04	176.30	0.0
177.000	27.00	719.10	718.20	886.00	713.20	720.91	0.0	6.19	1369.20	1554.14	255.02	0.0
177.000	27.00	719.10	718.20	1254.00	713.20	721.83	0.0	5.21	1323.34	1586.89	460.67	0.92
243 227.000	50.00	0.0	0.0	422.00	713.70	719.70	0.0	4.12	1374.75	1399.40	104.94	0.0
227.000	50.00	0.0	0.0	731.00	713.70	720.40	0.0	6.23	1330.71	1405.33	129.55	0.0
227.000	50.00	0.0	0.0	886.00	713.70	720.69	0.0	7.04	1319.25	1408.56	152.08	0.0
227.000	50.00	0.0	0.0	1254.00	713.70	721.38	719.53	8.15	1296.66	1415.95	224.75	0.69
343 327.000	100.00	0.0	0.0	422.00	714.70	719.82	0.0	4.95	1376.12	1396.67	85.56	0.0
327.000	100.00	0.0	0.0	731.00	714.70	720.62	0.0	7.27	1375.30	1399.12	102.72	0.0
327.000	100.00	0.0	0.0	886.00	714.70	720.93	0.0	8.29	1373.44	1400.30	110.56	0.0
327.000	100.00	0.0	0.0	1254.00	714.70	721.41	720.50	10.66	1330.31	1405.44	130.20	0.47
350.000	23.00	0.0	0.0	407.00	714.80	719.91	0.0	4.80	1376.12	1396.60	85.15	0.0
350.000	23.00	0.0	0.0	709.00	714.80	720.82	0.0	6.91	1374.68	1399.44	105.22	0.0
350.000	23.00	0.0	0.0	861.00	714.80	721.20	0.0	7.79	1341.83	1402.20	115.77	0.0
350.000	23.00	0.0	0.0	1224.00	714.80	722.51	0.0	7.90	1296.22	1416.21	227.64	1.31
* 400.000	50.00	0.0	0.0	407.00	717.60	721.02	721.02	6.47	1000.00	1297.71	104.44	0.0
400.000	50.00	0.0	0.0	709.00	717.60	721.55	721.33	5.68	1000.00	1298.73	195.62	0.0
413 400.000	50.00	0.0	0.0	861.00	717.60	722.21	0.0	3.59	1000.00	1300.02	346.70	0.0
400.000	50.00	0.0	0.0	1224.00	717.60	723.42	0.0	2.25	1000.00	1314.54	702.07	1.21

MADE IN U. S. A.

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SECNO	XLCH	ELTRD	ELLC	Ø	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP
* 473.000	73.00	719.90	720.60	407.00	717.60	721.34	0.0	4.13	1000.00	1298.34	157.35	0.0
* 473.000	73.00	719.90	720.60	709.00	717.60	721.83	0.0	4.18	1000.00	1299.29	257.02	0.0
473.000	73.00	719.90	720.60	861.00	717.60	722.36	0.0	3.17	1000.00	1300.53	386.50	0.0
473.000	73.00	719.90	720.60	1224.00	717.60	725.52	0.0	2.14	1000.00	1318.21	734.47	1.17
523.000	50.00	0.0	0.0	407.00	717.90	721.22	0.0	5.63	1217.63	1244.29	72.35	0.0
523.000	50.00	0.0	0.0	709.00	717.90	721.31	721.31	9.53	1217.56	1244.35	74.40	0.0
* 523.000	50.00	0.0	0.0	861.00	717.90	721.71	721.71	10.08	1217.21	1244.71	85.42	0.0
* 523.000	50.00	0.0	0.0	1224.00	717.90	722.58	722.58	11.13	1216.45	1245.46	109.99	0.87
573.000	50.00	0.0	0.0	407.00	718.20	721.48	0.0	5.73	1217.67	1244.24	71.06	0.0
573.000	50.00	0.0	0.0	709.00	718.20	722.41	0.0	7.35	1216.86	1245.05	96.52	0.0
573.000	50.00	0.0	0.0	861.00	718.20	722.87	0.0	7.86	1216.46	1245.45	109.53	0.0
573.000	50.00	0.0	0.0	1224.00	718.20	723.85	722.89	8.77	1196.41	1257.74	146.74	0.98
* 600.000	27.00	0.0	0.0	403.00	719.20	721.69	721.69	8.05	1218.36	1243.55	50.04	0.0
* 600.000	27.00	0.0	0.0	694.00	719.20	722.58	722.58	9.47	1217.58	1244.33	73.30	0.0
* 600.000	27.00	0.0	0.0	841.00	719.20	722.98	722.98	10.00	1217.23	1244.68	84.11	0.0
* 600.000	27.00	0.0	0.0	1190.00	719.20	723.83	723.83	11.00	1216.49	1245.42	108.17	0.85
650.000	50.00	0.0	0.0	403.00	719.80	722.59	0.0	6.98	1218.10	1243.82	57.76	0.0
650.000	50.00	0.0	0.0	694.00	719.80	723.50	0.0	8.47	1217.30	1244.61	81.93	0.0
650.000	50.00	0.0	0.0	841.00	719.80	723.90	0.0	9.05	1216.96	1244.95	92.88	0.0
650.000	50.00	0.0	0.0	1190.00	719.80	724.73	0.0	10.19	1216.24	1245.68	116.77	0.83
* 700.000	50.00	0.0	0.0	403.00	720.50	725.57	725.57	7.94	1244.67	1311.90	73.12	0.0
* 700.000	50.00	0.0	0.0	694.00	720.50	726.09	726.09	9.05	1237.19	1329.46	114.62	0.0
* 700.000	50.00	0.0	0.0	841.00	720.50	726.29	726.29	9.43	1234.29	1336.27	134.20	0.0
* 700.000	50.00	0.0	0.0	1190.00	720.50	726.78	726.78	9.47	1227.32	1350.82	189.20	0.48
750.000	50.00	727.80	725.50	403.00	720.50	728.96	0.0	1.02	1195.83	1373.95	519.61	0.0
750.000	50.00	727.80	725.50	694.00	720.50	729.58	0.0	1.41	1186.93	1380.48	634.71	0.0
750.000	50.00	727.80	725.50	841.00	720.50	729.81	0.0	1.59	1183.80	1382.78	677.36	0.0
750.000	50.00	727.80	725.50	1190.00	720.50	730.27	0.0	1.93	1175.74	1387.72	773.34	0.47
800.000	50.00	0.0	0.0	403.00	720.90	728.95	0.0	1.49	1161.61	1312.13	417.34	0.0
800.000	50.00	0.0	0.0	694.00	720.90	729.56	0.0	2.18	1152.78	1318.56	513.67	0.0
800.000	50.00	0.0	0.0	841.00	720.90	729.78	0.0	2.50	1149.57	1320.89	550.95	0.0
800.000	50.00	0.0	0.0	1190.00	720.90	730.23	0.0	3.16	1143.00	1325.68	631.17	0.45
850.000	50.00	0.0	0.0	403.00	721.40	728.95	0.0	1.72	1168.80	1306.89	345.68	0.0
850.000	50.00	0.0	0.0	694.00	721.40	729.56	0.0	2.49	1159.93	1313.35	434.89	0.0
850.000	50.00	0.0	0.0	841.00	721.40	729.78	0.0	2.84	1156.78	1315.65	468.88	0.0
850.000	50.00	0.0	0.0	1190.00	721.40	730.23	0.0	3.57	1150.19	1320.45	543.73	0.45
900.000	50.00	0.0	0.0	403.00	721.70	728.95	0.0	1.87	1173.12	1303.74	305.67	0.0
900.000	50.00	0.0	0.0	694.00	721.70	729.56	0.0	2.70	1164.22	1310.23	390.59	0.0
900.000	50.00	0.0	0.0	841.00	721.70	729.78	0.0	3.07	1160.97	1312.59	423.95	0.0
900.000	50.00	0.0	0.0	1190.00	721.70	730.24	0.0	3.85	1154.40	1317.32	495.30	0.46
950.000	50.00	0.0	0.0	403.00	722.60	728.94	0.0	3.46	1493.15	1611.16	186.40	0.0
950.000	50.00	0.0	0.0	694.00	722.60	729.59	0.0	3.57	1369.62	1630.32	325.80	0.0
950.000	50.00	0.0	0.0	841.00	722.60	729.84	0.0	3.53	1355.87	1638.16	396.71	0.0
950.000	50.00	0.0	0.0	1190.00	722.60	730.36	0.0	3.46	1328.21	1680.46	557.36	0.52

MADE IN U.S.A.

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SECNO	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRIMS	VCH	SSTA	ENDST	AREA	DIFWSP
* 1004.000	54.00	729.00	727.10	403.00	722.60	729.97	0.0	1.53	1348.60	1642.30	436.49	0.0
1004.000	54.00	729.00	727.10	694.00	722.60	730.43	0.0	1.93	1324.81	1683.96	580.25	0.0
1004.000	54.00	729.00	727.10	841.00	722.60	730.61	0.0	2.08	1315.08	1693.94	648.45	0.0
1004.000	54.00	729.00	727.10	1190.00	722.60	731.00	0.0	2.33	1296.22	1715.08	802.47	0.39
1054.000	50.00	0.0	0.0	403.00	722.80	729.95	0.0	2.38	1087.68	1231.66	313.01	0.0
1054.000	50.00	0.0	0.0	694.00	722.80	730.40	0.0	3.39	1087.09	1244.91	379.67	0.0
1054.000	50.00	0.0	0.0	841.00	722.80	730.57	0.0	3.83	1086.85	1276.82	408.66	0.0
1054.000	50.00	0.0	0.0	1190.00	722.80	730.93	0.0	4.68	1086.39	1296.38	480.99	0.36
1104.000	50.00	0.0	0.0	403.00	723.00	729.97	0.0	2.59	1087.93	1226.04	286.63	0.0
1104.000	50.00	0.0	0.0	694.00	723.00	730.43	0.0	3.65	1087.33	1239.61	392.28	0.0
1104.000	50.00	0.0	0.0	841.00	723.00	730.61	0.0	4.10	1087.08	1245.33	380.90	0.0
1104.000	50.00	0.0	0.0	1190.00	723.00	730.99	0.0	4.97	1086.59	1268.13	449.58	0.38
1300.000	196.00	0.0	0.0	403.00	724.00	730.06	0.0	4.12	1089.13	1198.38	174.20	0.0
1300.000	196.00	0.0	0.0	694.00	724.00	730.60	0.0	5.32	1088.41	1215.10	238.24	0.0
1300.000	196.00	0.0	0.0	841.00	724.00	730.83	0.0	5.79	1088.12	1221.72	266.93	0.0
1300.000	196.00	0.0	0.0	1190.00	724.00	731.30	0.0	6.62	1087.50	1235.77	332.94	0.47
1350.000	50.00	0.0	0.0	403.00	724.40	730.09	0.0	4.92	1089.62	1182.71	136.61	0.0
1350.000	50.00	0.0	0.0	694.00	724.40	730.65	0.0	6.42	1088.88	1204.45	195.22	0.0
1350.000	50.00	0.0	0.0	841.00	724.40	730.90	0.0	6.82	1088.55	1211.87	224.78	0.0
1350.000	50.00	0.0	0.0	1190.00	724.40	731.40	0.0	7.54	1087.88	1227.00	290.94	0.50
1400.000	50.00	0.0	0.0	403.00	725.50	730.62	0.0	7.67	1272.29	1340.66	78.88	0.0
1400.000	50.00	0.0	0.0	694.00	725.50	731.26	0.0	8.28	1271.54	1367.69	131.58	0.0
1400.000	50.00	0.0	0.0	841.00	725.50	731.44	0.0	8.88	1271.32	1375.06	149.05	0.0
1400.000	50.00	0.0	0.0	1190.00	725.50	731.86	0.0	9.20	1270.79	1389.68	196.10	0.42
1455.000	55.00	737.70	733.50	403.00	725.50	730.62	0.0	7.66	1272.29	1340.74	79.01	0.0
1455.000	55.00	737.70	733.50	694.00	725.50	731.26	0.0	8.27	1271.34	1367.76	131.74	0.0
1455.000	55.00	737.70	733.50	841.00	725.50	731.44	0.0	8.87	1271.32	1375.14	149.25	0.0
1455.000	55.00	737.70	733.50	1190.00	725.50	731.86	0.0	9.18	1270.79	1389.73	196.34	0.42
1505.000	50.00	0.0	0.0	403.00	725.90	730.82	0.0	7.04	1090.10	1150.79	78.49	0.0
1505.000	50.00	0.0	0.0	694.00	725.90	731.60	0.0	8.45	1089.61	1182.98	137.20	0.0
1505.000	50.00	0.0	0.0	841.00	725.90	731.98	0.0	8.52	1089.10	1199.22	176.37	0.0
1505.000	50.00	0.0	0.0	1150.00	725.90	732.40	0.0	9.62	1088.54	1212.03	225.44	0.42
1555.000	50.00	0.0	0.0	403.00	726.30	731.11	0.0	7.46	1090.12	1145.38	71.05	0.0
1555.000	50.00	0.0	0.0	694.00	726.30	731.99	0.0	8.47	1089.61	1182.79	136.79	0.0
1555.000	50.00	0.0	0.0	841.00	726.30	732.42	0.0	8.35	1089.05	1200.62	180.71	0.0
1555.000	50.00	0.0	0.0	1190.00	726.30	732.89	0.0	9.24	1088.44	1214.39	235.25	0.47
1600.000	45.00	0.0	0.0	376.00	727.20	731.86	0.0	4.31	1136.15	1385.13	89.66	0.0
1600.000	45.00	0.0	0.0	650.00	727.20	732.60	0.0	5.85	1098.65	1386.60	132.04	0.0
1600.000	45.00	0.0	0.0	790.00	727.20	732.78	0.0	6.56	1097.45	1386.95	148.89	0.0
1600.000	45.00	0.0	0.0	1122.00	727.20	733.08	0.0	8.41	1095.39	1387.56	182.58	0.30
1650.000	50.00	0.0	0.0	376.00	727.50	731.96	0.0	4.61	1136.37	1384.72	83.23	0.0
1650.000	50.00	0.0	0.0	650.00	727.50	732.74	0.0	6.19	1099.71	1386.29	118.71	0.0
1650.000	50.00	0.0	0.0	790.00	727.50	732.96	0.0	6.96	1098.26	1386.72	137.28	0.0
1650.000	50.00	0.0	0.0	1122.00	727.50	733.42	0.0	8.28	1095.12	1387.64	187.45	0.47

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1650.000 50.00 0.0 0.0 376.00 727.50 731.96 0.0 4.61 1136.37 1384.72 83.23 0.0

SECNO	XLCH	ELTRG	ELLC	Q	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP	
1628	<del>1700.000</del>	50.00	0.0	0.0	376.00	729.10	734.38	734.38	7.72	1386.46	1457.87	70.47	0.0
*	<del>1700.000</del>	50.00	0.0	0.0	650.00	729.10	734.95	734.95	8.44	1382.61	1482.67	119.10	0.0
*	<del>1700.000</del>	50.00	0.0	0.0	790.00	729.10	735.16	735.16	8.68	1381.19	1503.52	142.30	0.0
*	<del>1700.000</del>	50.00	0.0	0.0	1122.00	729.10	735.45	735.45	9.81	1379.23	1521.60	180.59	0.29
	<del>1915.000</del>	215.00	735.10	733.10	376.00	729.10	736.08	0.0	2.07	1374.88	1561.59	285.88	0.0
1843	<del>1915.000</del>	215.00	735.10	733.10	650.00	729.10	736.52	0.0	2.72	1371.96	1588.50	372.68	0.0
	<del>1915.000</del>	215.00	735.10	733.10	790.00	729.10	736.69	0.0	2.99	1370.79	1599.28	411.08	0.0
	<del>1915.000</del>	215.00	735.10	733.10	1122.00	729.10	737.01	0.0	3.51	1368.60	1605.99	486.42	0.32
1893	<del>1965.000</del>	50.00	0.0	0.0	376.00	729.40	736.08	0.0	2.04	1089.98	1389.17	297.48	0.0
	<del>1965.000</del>	50.00	0.0	0.0	650.00	729.40	736.50	0.0	3.00	1087.16	1390.00	372.48	0.0
	<del>1965.000</del>	50.00	0.0	0.0	790.00	729.40	736.67	0.0	3.42	1086.04	1390.33	405.01	0.0
	<del>1965.000</del>	50.00	0.0	0.0	1122.00	729.40	736.97	0.0	4.34	1083.99	1390.94	468.59	0.30
	<del>2015.000</del>	50.00	0.0	0.0	376.00	729.70	736.09	0.0	2.29	1091.93	1388.59	251.79	0.0
1943	<del>2015.000</del>	50.00	0.0	0.0	650.00	729.70	736.51	0.0	3.35	1089.07	1389.44	320.55	0.0
	<del>2015.000</del>	50.00	0.0	0.0	790.00	729.70	736.68	0.0	3.81	1087.93	1389.77	350.94	0.0
	<del>2015.000</del>	50.00	0.0	0.0	1122.00	729.70	736.99	0.0	4.80	1085.81	1390.40	411.63	0.31
2039	<del>2200.000</del>	185.00	0.0	0.0	308.00	734.50	740.54	740.54	7.72	1139.12	1182.69	60.80	0.0
*	<del>2200.000</del>	185.00	0.0	0.0	540.00	734.50	741.30	741.30	9.09	1126.30	1185.09	99.88	0.0
*	<del>2200.000</del>	135.00	0.0	0.0	662.00	734.50	741.66	741.66	9.26	1121.72	1186.21	122.11	0.0
*	<del>2200.000</del>	185.00	0.0	0.0	953.00	734.50	742.15	742.15	10.41	1117.82	1187.75	155.11	0.49
	<del>2250.000</del>	50.00	0.0	0.0	308.00	734.90	741.18	0.0	6.76	1134.99	1183.47	72.13	0.0
M 2109	<del>2250.000</del>	50.00	0.0	0.0	540.00	734.90	742.07	0.0	7.50	1121.61	1186.25	122.97	0.0
	<del>2250.000</del>	50.00	0.0	0.0	662.00	734.90	742.34	0.0	8.00	1119.49	1187.09	140.63	0.0
	<del>2250.000</del>	50.00	0.0	0.0	953.00	734.90	742.94	0.0	8.76	1114.73	1188.97	183.18	0.60
	<del>2300.000</del>	50.00	0.0	0.0	308.00	736.90	743.92	743.92	7.57	1149.78	1212.82	67.33	0.0
M 2159	<del>2300.000</del>	50.00	0.0	0.0	540.00	736.90	744.58	744.58	8.46	1144.21	1229.44	112.82	0.0
*	<del>2300.000</del>	50.00	0.0	0.0	662.00	736.90	744.80	744.80	8.88	1142.29	1241.96	133.49	0.0
*	<del>2300.000</del>	50.00	0.0	0.0	953.00	736.90	745.21	745.21	9.66	1138.77	1265.01	179.99	0.41
	<del>2510.000</del>	210.00	744.10	740.90	308.00	736.90	745.49	0.0	2.58	1136.37	1271.63	216.95	0.0
2369	<del>2510.000</del>	210.00	744.10	740.90	540.00	736.90	745.98	0.0	3.32	1132.15	1275.85	285.56	0.0
	<del>2510.000</del>	210.00	744.10	740.90	662.00	736.90	746.19	0.0	3.61	1125.93	1277.63	316.21	0.0
	<del>2510.000</del>	210.00	744.10	740.90	953.00	736.90	746.60	0.0	4.16	1112.69	1281.18	382.46	0.41
2419	<del>2560.000</del>	50.00	0.0	0.0	308.00	737.50	745.49	0.0	2.89	1115.14	1188.81	179.36	0.0
	<del>2560.000</del>	50.00	0.0	0.0	540.00	737.50	745.96	0.0	4.19	1111.40	1190.29	215.37	0.0
	<del>2560.000</del>	50.00	0.0	0.0	662.00	737.50	746.16	0.0	4.78	1109.87	1190.90	230.84	0.0
	<del>2560.000</del>	50.00	0.0	0.0	953.00	737.50	746.53	0.0	6.04	1106.90	1192.07	261.87	0.37
	<del>2610.000</del>	50.00	0.0	0.0	308.00	738.20	745.49	0.0	4.02	1120.67	1186.63	130.74	0.0
2469	<del>2610.000</del>	50.00	0.0	0.0	540.00	738.20	745.98	0.0	5.56	1116.80	1188.16	164.25	0.0
	<del>2610.000</del>	50.00	0.0	0.0	662.00	738.20	746.18	0.0	6.23	1115.19	1188.80	178.97	0.0
	<del>2610.000</del>	50.00	0.0	0.0	953.00	738.20	746.58	0.0	7.63	1112.03	1190.04	209.11	0.40
2764	<del>2850.000</del>	240.00	0.0	0.0	188.00	741.20	746.00	0.0	4.19	1217.61	1363.31	89.36	0.0
	<del>2850.000</del>	240.00	0.0	0.0	345.00	741.20	746.78	0.0	4.05	1205.10	1399.21	205.76	0.0
	<del>2850.000</del>	240.00	0.0	0.0	432.00	741.20	747.08	0.0	3.89	1200.36	1403.15	264.31	0.0
	<del>2850.000</del>	240.00	0.0	0.0	647.00	741.20	747.66	0.0	3.74	1176.94	1409.74	390.33	0.58

SUMMARY OF ERRORS