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 HEC2 VERSION UPDATED JAN 1975  
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08  
 MODIFICATIONS 52,53,54,55,56,57,58  
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C  
 1 LEXINGTON-DAVIDSON CO. STRM 9L  
 12 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6919  
 13 10 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	WSEL	EQ	
	-1.	2.	0.	0.	0.010000	0.0	0.0	727.500	0.0	
J2	NPROF	IPILOT	PREVS	XSECV	XSECH	FN	ALLUC	ISW	CH1M	ITRACE
	0.0	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0
J3	1.000	34.000	3.000	4.000	276.000	28.000	26.000	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
BT	5.000	362.000	634.000	772.000	1105.000	772.000	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	5.000	12.000	1170.000	1184.000	3.000	3.000	3.000	0.0	-2.500	0.0
GR	736.500	1000.000	725.300	1042.000	724.500	1100.000	722.000	1170.000	719.000	1174.000
GR	717.800	1177.000	718.200	1151.000	722.200	1184.000	722.400	1200.000	724.000	1300.000
GR	729.200	1419.000	736.500	1450.000	0.0	0.0	0.0	0.0	0.0	0.0
NC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0
X1	5.000	21.000	1330.000	1334.000	2.000	2.000	2.000	0.0	0.0	0.0
GR	722.700	1000.000	724.400	1100.000	728.000	1200.000	727.800	1205.000	723.600	1237.000
GR	722.800	1255.000	720.300	1325.000	718.100	1330.000	717.100	1330.300	715.400	1331.000
GR	716.100	1332.000	716.400	1333.000	717.100	1333.700	718.100	1334.000	720.500	1339.000
GR	720.700	1355.000	722.200	1455.000	722.500	1500.000	724.100	1600.000	727.100	1700.000
GR	731.300	1600.000	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	4.000	0.010	12.600	0.0	0.0	0.0
X1	40.000	0.0	0.0	0.0	35.000	35.000	35.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	720.100	0.0	0.0	0.0	0.0	0.0	0.0
BT	16.000	1000.000	722.700	0.0	1100.000	724.400	0.0	1200.000	728.000	0.0
BT	1300.000	723.500	0.0	1330.000	722.700	718.100	1330.300	722.700	719.100	1331.000
BT	722.700	719.800	1332.000	722.700	720.100	1333.000	722.700	719.800	1333.700	722.700
BT	719.100	1334.000	722.700	718.100	1400.000	721.900	0.0	1500.000	722.500	0.0
BT	1300.000	724.100	0.0	1700.000	727.100	0.0	1600.000	731.300	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	50.000	15.000	1170.000	1184.000	50.000	50.000	50.000	0.0	-1.300	0.0
GR	736.500	1000.000	725.300	1042.000	724.500	1100.000	722.000	1170.000	719.000	1174.000
GR	717.800	1177.000	718.200	1151.000	722.200	1184.000	722.400	1200.000	724.000	1300.000
GR	736.200	1340.000	730.600	1402.000	730.300	1414.000	729.200	1419.000	736.500	1450.000
X1	240.000	0.0	0.0	0.0	150.000	150.000	150.000	0.0	1.300	0.0
BT	5.000	356.000	634.000	761.000	1022.000	761.000	0.0	0.0	0.0	0.0
X1	1100.000	11.000	1135.000	1148.000	660.000	660.000	660.000	0.0	0.0	0.0
GR	726.700	1000.000	723.700	1100.000	728.100	1175.000	726.500	1170.000	723.600	1174.000

GR 724,200 1146,000 732,400 1148,000 733,000 1200,000 739,000 1300,000 747,300 1400,000  
GR 747,700 1409,000 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0

X1 1150,000 0.0 0.0 0.0 50,000 50,000 50,000 0.0 1.500 0.0  
NC 0.025 0.025 0.025 0.100 0.300 0.0 0.0 0.0 0.0 0.0

X1 1200,000 22,000 1497,500 1502,500 50,000 50,000 50,000 0.0 0.0 0.0  
GR 755,400 1000,000 755,700 1100,000 756,000 1200,000 756,300 1300,000 751,400 1357,000  
GR 737,400 1457,000 736,800 1492,000 731,600 1497,500 729,000 1498,000 728,000 1499,000  
GR 727,600 1500,000 726,000 1501,000 729,000 1502,000 731,600 1502,500 736,100 1509,000  
GR 736,700 1557,000 742,700 1657,000 751,000 1757,000 751,400 1766,000 758,400 1800,000  
GR 759,100 1900,000 759,700 2000,000 0.0 0.0 0.0 0.0 0.0 0.0  
SR 0.900 1.500 2.500 0.0 5,000 0.010 34,000 0.0 0.0 0.0

X1 1276,000 0.0 0.0 0.0 76,000 76,000 76,000 0.0 0.0 0.0  
X2 0.0 0.0 1,000 735,600 0.0 0.0 0.0 0.0 0.0 0.0  
BT 17,000 1000,000 755,400 0.0 1100,000 755,700 0.0 1200,000 756,000 0.0  
BT 1300,000 756,300 0.0 1400,000 756,500 0.0 1497,500 756,800 731,600 1498,000  
BT 756,800 734,200 1499,000 756,800 735,200 1500,000 756,800 735,600 1501,000 756,800  
BT 735,200 1502,000 756,600 734,200 1502,500 756,800 731,600 1600,000 757,300 0.0  
BT 1700,000 757,900 0.0 1800,000 758,400 0.0 1900,000 759,100 0.0 2000,000  
BT 759,700 0.0 0.0 0.0 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 1326,000 11,000 1135,000 1148,000 50,000 50,000 50,000 0.0 5,300 0.0  
GR 747,700 1000,000 733,700 1100,000 733,100 1135,000 724,500 1140,000 723,900 1143,000  
GR 724,200 1146,000 732,400 1148,000 733,000 1200,000 739,000 1300,000 747,300 1400,000  
GR 747,700 1409,000 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0

X1 1376,000 0.0 0.0 0.0 50,000 50,000 50,000 0.0 1.500 0.0  
BT 5,000 277,000 484,000 594,000 858,000 594,000 0.0 0.0 0.0 0.0

X1 2900,000 29,000 1237,000 1244,000 1524,000 1524,000 1524,000 0.0 -1,900 0.0  
GR 772,100 1000,000 764,300 1100,000 763,700 1108,000 761,000 1112,000 763,900 1116,000  
GR 764,700 1125,000 765,100 1150,000 764,400 1162,000 765,200 1175,000 765,400 1200,000  
GR 764,400 1212,000 755,200 1232,000 753,900 1237,000 751,200 1238,000 750,900 1241,000  
GR 751,000 1243,000 753,800 1244,000 756,900 1248,000 757,300 1252,000 757,500 1262,000  
GR 757,500 1272,000 757,200 1277,000 756,500 1279,000 757,800 1282,000 750,300 1300,000  
GR 761,800 1337,000 762,500 1400,000 766,800 1500,000 769,100 1538,000 0.0 0.0

X1 2950,000 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 3000,000 22,000 1256,000 1260,000 50,000 50,000 50,000 0.0 0.0 0.0  
GR 772,400 1000,000 766,000 1100,000 764,300 1150,000 758,900 1240,000 754,700 1249,000  
GR 753,400 1254,000 752,400 1256,000 751,600 1256,200 750,700 1257,000 750,400 1258,000  
GR 750,700 1259,000 751,600 1259,800 752,400 1260,000 753,300 1261,000 756,400 1265,000  
GR 756,700 1270,000 756,800 1300,000 757,300 1400,000 757,700 1500,000 758,300 1600,000  
GR 752,100 1700,600 762,900 1800,000 0.0 0.0 0.0 0.0 0.0 0.0  
SR 0.900 1.500 2.500 0.0 4,000 0.010 12,600 0.0 0.0 0.0

X1 3052,000 0.0 0.0 0.0 52,000 52,000 52,000 0.0 0.0 0.0  
X2 0.0 0.0 1,000 754,400 0.0 0.0 0.0 0.0 0.0 0.0  
BT 17,000 1000,000 772,400 0.0 1100,000 766,000 0.0 1150,000 764,300 0.0  
BT 1255,000 757,000 752,400 1256,200 757,900 753,200 1257,000 757,900 754,100 1258,000  
BT 757,900 754,000 1259,000 757,900 754,100 1259,800 757,900 753,200 1260,000 757,900  
BT 752,400 1270,000 756,700 0.0 1300,000 756,800 0.0 1400,000 757,300 0.0  
BT 1500,600 757,700 0.0 1600,000 758,300 0.0 1700,000 760,100 0.0 1800,000  
BT 752,900 0.0 0.0 0.0 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 3102,000 22,000 1237,000 1244,000 50,000 50,000 50,000 0.0 -0,300 0.0  
GR 772,100 1000,000 764,300 1100,000 763,700 1108,000 761,000 1112,000 763,900 1116,000  
GR 764,700 1125,000 765,100 1150,000 764,400 1162,000 765,200 1175,000 765,400 1200,000  
GR 764,400 1212,000 755,200 1232,000 753,900 1237,000 751,200 1238,000 750,900 1241,000  
GR 751,000 1243,000 753,800 1244,000 756,900 1248,000 757,300 1252,000 757,500 1262,000

GR 757.500 1272.000 757.200 1277.000 756.500 1279.000 757.800 1282.000 760.300 1300.000  
 GR 761.800 1337.000 762.500 1400.000 766.800 1500.000 769.100 1538.000 0.0 0.0

XI 3152.000 0.0 0.0 0.0 50.000 50.000 50.000 0.0 0.300 0.0  
 EJ 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0

CCHV= 0.100 CEHV= 0.200

3720 ASSUMED CRITICAL DEPTH

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
3.00	4.57	719.97	719.97	720.30	720.94	0.97	0.0	0.0	719.50
362.	3.	356.	2.	3.	45.	3.	0.	0.	719.70
0.0	1.02	7.95	0.80	0.055	0.035	0.055	0.0	715.30	1156.74
0.009811	2.	3.	3.	0	0	1	0.0	47.88	1204.62

CCHV= 0.100 CEHV= 0.300

368 20 TRIALS USED WSEL,CWSEL

7185 IN SPECIFIC ENERGY

3720 ASSUMED CRITICAL DEPTH

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
5.00	5.32	721.42	721.42	0.0	721.83	0.41	0.01	0.0	718.10
362.	100.	138.	123.	29.	19.	41.	0.	0.	718.10
0.00	3.51	7.22	3.02	0.025	0.025	0.025	0.917	716.10	1295.70
0.003247	2.	2.	2.	30	8	1	0.0	109.13	1402.84

SPECIAL BRIDGE

5070 VARIABLE FLECHU OR ELCHD ON CARD SB NOT SPECIFIED

SB	YR	XKOR	COFD	RULEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
0.00	1.50	2.50	0.0	4.00	0.01	12.60	0.0	716.10	716.10	

3265 DIVIDED FLOW

3280 CROSS SECTION 40.00 EXTENDED 0.25 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	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

PLEASE USE SE IN FILE

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 HLC2 VERSION UPDATED JAN 1975  
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08  
 MODIFICATIONS 52,53,54,55,56,57,58  
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F1 LEXINGTON-DAVIDSON CO. STRM BL  
 F2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918  
 F3 50 YEAR FLOOD WATER SURFACE PROFILE

J1 ICHECK IQQ MINV IDIR STRT METRIC HVIRS Q WSL F0  
 -10. 3. 0. 0. 0.010000 0.0 0.0 0. 721.300 0.0  
 J2 NPROF IPELOT PREVS XSECV XSECH FN ALLDC IBW CHNIB ITRACC  
 2.000 0.0 -1.000 0.0 0.0 0.0 0.0 0.0 0.0 0.0

CCHV= 0.100 CEHV= 0.300

3720 ASSUMED CRITICAL DEPTH

SECTO	DEPTH	CWSFL	CRIMS	MSELK	EG	HV	HL	QLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOE	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
3.00	5.09	721.19	721.19	721.30	721.74	0.55	0.0	0.0	719.50
634.	69.	438.	128.	40.	62.	74.	0.	0.	719.70
0.0	1.72	7.08	1.72	0.055	0.035	0.055	0.0	715.30	1122.72
0.005067	3.	3.	3.	0	5	1	0.0	157.81	1280.53

CCHV= 0.100 CEHV= 0.300

5685 20 TRIALS USED MSEL.CWSFL

7185 MIN SPECIFIC ENERGY

3720 ASSUMED CRITICAL DEPTH

SECTO	DEPTH	CWSFL	CRIMS	MSELK	EG	HV	HL	QLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOE	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
5.00	5.75	721.05	721.05	0.0	722.29	0.43	0.01	0.0	718.10
634.	189.	170.	275.	47.	21.	77.	0.	0.	718.10
0.00	0.02	0.15	0.06	0.025	0.025	0.025	0.017	710.10	1281.47
0.003662	2.	2.	2.	30	6	1	0.0	150.50	1431.97

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 ILC2 VERSION UPDATED JAN 1975  
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08  
 MODIFICATIONS 52,53,54,55,56,57,58  
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I1 LEXINGTON-DAVIDSON CO. STRM 8L  
 I2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918  
 I3 100 YEAR FLOOD WATER SURFACE PROFILE

J1 ICHECK INO NINW IDIR STRT METRIC HVINS Q WSL L F0

-10. 4. 0. 0. 0.010000 0.0 0.0 0. 723.300 0.0

J2 IPRDF IPLOT PREVS XSECV XSECH FN ALLDC IBW CHNIN ITRACE

3.000 0.0 -1.000 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0

CCHV= 0.100 CEHV= 0.300

3720 ASSUMED CRITICAL DEPTH

SEENO	DEPTH	CWSL	CRWS	XSELK	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	IOC	ICONT	CORAR	TOPWID	ENDST

3.00	6.05	721.35	721.35	723.30	721.98	0.63	0.0	0.0	719.50
772.	94.	500.	178.	48.	64.	90.	0.	0.	719.70
0.0	1.36	7.81	1.97	0.055	0.035	0.055	0.0	715.30	1118.27
0.005876	3.	3.	3.	0.	13	1	0.0	172.22	1290.48

CCHV= 0.100 CEHV= 0.300  
 3685 20 TRIALS USED WSEL,CWSL

1785 MIN SPECIFIC ENERGY

3720 ASSUMED CRITICAL DEPTH

SEENO	DEPTH	CWSL	CRWS	XSELK	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	IOC	ICONT	CORAR	TOPWID	ENDST

5.00	5.93	722.03	722.03	0.0	722.47	0.44	0.01	0.0	718.10
772.	234.	181.	357.	56.	22.	95.	0.	0.	718.10
0.00	4.16	6.36	3.75	0.025	0.025	0.025	0.017	716.10	1270.58
0.003709	2.	2.	2.	30	6	1	0.0	167.03	1443.61



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 HEC2 VERSION UPDATED JAN 1975  
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08  
 MODIFICATIONS 52,53,54,55,56,57,58  
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T1 LEXINGTON-DAVIDSON CO. STRM BL  
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918  
 T3 500 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INO	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO
	-10.	5.	0.	0.	0.010000	0.0	0.0	0.	724.300	0.0
J2	NPROF	IPL01	PREVS	XSECV	XSECH	FN	ALLOD	IDW	CHNIM	ITRACE
	15.000	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CCHV= 0.100 CERV= 0.300

3720 ASSUMED CRITICAL DEPTH

SECHO	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	ENOST
3.00	6.42	721.72	721.72	724.30	722.42	0.70	0.0	0.0	719.50
1105.	164.	667.	334.	69.	69.	134.	0.	0.	719.70
0.0	2.37	0.76	2.50	0.055	0.035	0.055	0.0	715.30	1107.77
0.006665	3.	3.	3.	0	13	1	0.0	197.32	1305.09

CCHV= 0.100 CERV= 0.300

5885 20 TRIALS USED WSEL,CWSEL

7185 MIN SPECIFIC ENERGY

3720 ASSUMED CRITICAL DEPTH

SECHO	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	ENOST
3.00	6.20	722.30	722.30	0.0	722.81	0.51	0.01	0.0	718.10
1105.	337.	210.	558.	71.	23.	127.	0.	0.	718.10
0.0	4.73	2.27	4.30	0.025	0.025	0.025	0.017	716.10	1269.10
0.004278	2.	2.	2.	30	10	1	0.0	209.31	1469.41

SPECIAL BRIDGE

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

500 YEAR FLOOD WATER SUR

SECTION NUMBER	CHANNEL LENGTH	MIN. EL. OF ROADWAY	MAX. EL. OF LOW CHORD	MIN. EL. OF GROUND	DISCHARGE (CFS)	CWSEL	TQ	EG	TOPWID	STENCL	STENCR	VCH	
A-33	<del>3.00</del>	3.00	0.0	0.0	715.30	362.00	719.97	36.55	720.94	47.88	0.0	0.0	7.95
	<del>3.00</del>	3.00	0.0	0.0	715.30	634.00	721.19	89.06	721.74	157.81	0.0	0.0	7.00
	<del>3.00</del>	3.00	0.0	0.0	715.30	772.00	721.35	100.71	721.98	172.22	0.0	0.0	7.81
	<del>3.00</del>	3.00	0.0	0.0	715.30	1105.00	721.72	135.35	722.42	197.32	0.0	0.0	8.76
83	<del>2.00</del>	2.00	0.0	0.0	716.10	362.00	721.42	63.52	721.83	109.13	0.0	0.0	7.22
	<del>2.00</del>	2.00	0.0	0.0	716.10	634.00	721.85	104.76	722.29	150.50	0.0	0.0	8.13
	<del>2.00</del>	2.00	0.0	0.0	716.10	772.00	722.03	126.77	722.46	167.03	0.0	0.0	8.36
	<del>2.00</del>	2.00	0.0	0.0	716.10	1105.00	722.30	168.95	722.81	200.31	0.0	0.0	9.27
118	<del>35.00</del>	35.00	721.90	720.10	716.10	362.00	722.94	329.33	722.95	290.79	0.0	0.0	1.68
	<del>35.00</del>	35.00	721.90	720.10	716.10	634.00	723.30	454.00	723.32	341.09	0.0	0.0	2.21
	<del>35.00</del>	35.00	721.90	720.10	716.10	772.00	723.44	514.00	723.48	362.09	0.0	0.0	2.41
	<del>35.00</del>	35.00	721.90	720.10	716.10	1105.00	723.73	647.11	723.78	401.44	0.0	0.0	2.81
108	<del>50.00</del>	50.00	0.0	0.0	716.50	362.00	722.91	133.96	722.90	194.91	0.0	0.0	2.09
	<del>50.00</del>	50.00	0.0	0.0	716.50	634.00	723.24	172.44	723.38	208.80	0.0	0.0	4.11
	<del>50.00</del>	50.00	0.0	0.0	716.50	772.00	723.37	190.62	723.54	213.76	0.0	0.0	4.61
	<del>50.00</del>	50.00	0.0	0.0	716.50	1105.00	723.63	228.29	723.87	223.23	0.0	0.0	5.68
318	<del>150.00</del>	150.00	0.0	0.0	717.80	362.00	722.66	41.30	723.45	65.12	0.0	0.0	7.30
	<del>150.00</del>	150.00	0.0	0.0	717.80	634.00	723.59	82.70	724.23	149.17	0.0	0.0	7.51
	<del>150.00</del>	150.00	0.0	0.0	717.80	772.00	723.86	101.67	724.48	173.34	0.0	0.0	7.75
	<del>150.00</del>	150.00	0.0	0.0	717.80	1105.00	724.27	141.07	724.91	197.72	0.0	0.0	8.47
1100.00	860.00	860.00	0.0	0.0	723.90	366.00	729.82	36.82	730.74	10.40	0.0	0.0	7.70
	1100.00	860.00	0.0	0.0	723.90	624.00	730.73	47.45	732.65	11.22	0.0	0.0	11.11
	1100.00	860.00	0.0	0.0	723.90	761.00	731.11	52.18	733.57	11.53	0.0	0.0	12.59
	1100.00	860.00	0.0	0.0	723.90	1089.00	734.06	133.56	734.99	120.14	0.0	0.0	8.70
1150.00	50.00	50.00	0.0	0.0	725.40	366.00	730.00	23.74	731.79	9.37	0.0	0.0	10.74
	1150.00	50.00	0.0	0.0	725.40	624.00	731.72	41.30	734.09	10.79	0.0	0.0	12.36
	1150.00	50.00	0.0	0.0	725.40	761.00	732.45	50.20	735.07	11.40	0.0	0.0	12.97
	1150.00	50.00	0.0	0.0	725.40	1089.00	735.48	128.39	736.49	118.30	0.0	0.0	8.98
1200.00	50.00	50.00	0.0	0.0	727.60	366.00	734.22	35.77	736.17	9.23	0.0	0.0	11.59
	1200.00	50.00	0.0	0.0	727.60	624.00	737.33	123.49	737.94	106.28	0.0	0.0	7.89
	1200.00	50.00	0.0	0.0	727.60	761.00	737.49	139.64	738.18	113.95	0.0	0.0	6.60
	1200.00	50.00	0.0	0.0	727.60	1089.00	737.89	188.38	738.63	123.45	0.0	0.0	9.41
1275.00	75.00	75.00	735.40	735.60	727.60	366.00	735.91	61.85	736.77	11.95	0.0	0.0	7.98
	1275.00	75.00	735.40	735.60	727.60	624.00	745.17	3573.12	745.17	285.32	0.0	0.0	0.42
	1275.00	75.00	735.40	735.60	727.60	761.00	749.16	7878.13	749.16	331.91	0.0	0.0	0.27
	1275.00	75.00	735.40	735.60	727.60	1089.00	756.11	29929.14	756.11	426.23	0.0	0.0	0.17
1326.00	50.00	50.00	0.0	0.0	729.20	366.00	736.47	53.03	737.00	11.58	0.0	0.0	5.82
	1326.00	50.00	0.0	0.0	729.20	624.00	745.17	1192.96	745.17	254.55	0.0	0.0	0.32
	1326.00	50.00	0.0	0.0	729.20	761.00	749.16	2676.88	749.16	331.18	0.0	0.0	0.49
	1326.00	50.00	0.0	0.0	729.20	1089.00	756.11	8075.24	756.11	409.00	0.0	0.0	0.31

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX FL OF LOW CHORD	MIN EL OF GROUND	DISCHARGE (CFS)	CWSE	T0	EG	TOPWD	STENCL	STENCR	VCI
1275.00	50.00	0.0	0.0	730.70	356.00	735.48	35.32	737.46	10.35	0.0	0.0	7.95
1376.00	50.00	0.0	0.0	730.70	624.00	745.17	774.02	745.18	222.87	0.0	0.0	1.16
1376.00	50.00	0.0	0.0	730.70	761.00	749.16	2148.71	749.16	502.40	0.0	0.0	0.62
1376.00	50.00	0.0	0.0	730.70	1089.00	756.11	6679.38	756.11	409.00	0.0	0.0	0.36
2906.00	1524.00	0.0	0.0	749.00	277.00	753.56	20.16	754.00	14.72	0.0	0.0	9.20
2906.00	1524.00	0.0	0.0	749.00	484.00	754.63	92.05	756.42	20.34	0.0	0.0	10.68
2906.00	1524.00	0.0	0.0	749.00	594.00	755.90	62.96	757.00	55.64	0.0	0.0	9.65
2906.00	1524.00	0.0	0.0	749.00	858.00	756.76	100.43	757.80	63.69	0.0	0.0	10.11
2950.00	50.00	0.0	0.0	749.30	277.00	754.55	33.44	755.31	17.10	0.0	0.0	7.38
2950.00	50.00	0.0	0.0	749.30	404.00	756.10	63.88	756.90	55.19	0.0	0.0	8.16
2950.00	50.00	0.0	0.0	749.30	594.00	756.57	80.69	757.36	59.31	0.0	0.0	8.33
2950.00	50.00	0.0	0.0	749.30	858.00	757.31	112.17	758.15	65.98	0.0	0.0	9.26
3000.00	50.00	0.0	0.0	750.40	277.00	755.39	35.17	756.48	16.16	0.0	0.0	9.51
3000.00	50.00	0.0	0.0	750.40	404.00	757.26	102.94	757.76	147.93	0.0	0.0	7.18
3000.00	50.00	0.0	0.0	750.40	594.00	757.54	135.78	757.93	216.20	0.0	0.0	6.87
3000.00	50.00	0.0	0.0	750.40	858.00	758.14	266.94	758.31	332.08	0.0	0.0	5.35
3052.00	52.00	756.70	754.40	750.40	277.00	757.45	123.75	757.55	193.83	0.0	0.0	3.40
3052.00	52.00	756.70	754.40	750.40	404.00	757.85	192.54	757.96	282.82	0.0	0.0	4.07
3052.00	52.00	756.70	754.40	750.40	594.00	757.98	225.26	758.11	306.20	0.0	0.0	4.33
3052.00	52.00	756.70	754.40	750.40	858.00	758.32	323.24	759.44	359.94	0.0	0.0	4.49
3102.00	50.00	0.0	0.0	750.60	277.00	757.38	63.40	757.64	53.12	0.0	0.0	4.69
3102.00	50.00	0.0	0.0	750.60	404.00	757.47	66.33	758.22	55.55	0.0	0.0	7.92
3102.00	50.00	0.0	0.0	750.60	594.00	757.49	66.88	758.60	55.63	0.0	0.0	9.66
3102.00	50.00	0.0	0.0	750.60	858.00	758.59	101.84	759.40	63.98	0.0	0.0	10.00
3152.00	50.00	0.0	0.0	750.90	277.00	757.49	57.05	757.77	40.03	0.0	0.0	5.04
3152.00	50.00	0.0	0.0	750.90	404.00	757.72	64.70	758.51	55.31	0.0	0.0	8.08
3152.00	50.00	0.0	0.0	750.90	594.00	758.19	80.77	758.96	59.25	0.0	0.0	8.33
3152.00	50.00	0.0	0.0	750.90	858.00	758.90	111.89	759.74	65.93	0.0	0.0	9.28
4000.00	462.000	419.975	0.0	0.0	0.0	0.0	0.0	47.984	0.0	3.000	0.0	3.000
4000.00	624.000	721.160	1.215	0.0	0.0	0.0	0.0	157.812	109.927	3.000	0.0	3.000
4000.00	772.000	731.897	0.159	0.0	0.0	0.0	0.0	172.215	124.331	3.000	0.0	3.000
4000.00	1169.000	721.722	0.379	0.0	0.0	0.0	0.0	197.318	149.454	3.000	0.0	3.000
4000.00	462.000	721.917	0.0	0.0	1.444	0.0	0.0	105.130	0.0	2.000	0.0	2.000
4000.00	624.000	721.634	0.437	0.0	0.666	0.0	0.0	150.501	-41.470	2.000	0.0	2.000
4000.00	772.000	722.089	0.175	0.0	0.661	0.0	0.0	167.026	-57.696	2.000	0.0	2.000
4000.00	1169.000	722.225	0.267	0.0	0.574	0.0	0.0	200.312	-91.197	2.000	0.0	2.000
4000.00	462.000	722.038	0.0	0.0	1.521	0.0	0.0	290.794	0.0	3.000	0.0	3.000
4000.00	624.000	722.222	0.0	0.0	1.443	0.0	0.0	341.094	-58.300	3.000	0.0	3.000
4000.00	772.000	723.442	0.140	0.0	1.414	0.0	0.0	362.089	-71.295	3.000	0.0	3.000
4000.00	1169.000	723.299	0.267	0.0	1.434	0.0	0.0	401.402	-116.640	3.000	0.0	3.000
4000.00	462.000	722.966	0.0	0.0	-0.030	0.0	0.0	194.906	6.0	3.000	0.0	3.000
4000.00	624.000	723.262	0.331	0.0	-0.057	0.0	0.0	204.727	-13.891	3.000	0.0	3.000
4000.00	772.000	723.413	0.134	0.0	0.069	0.0	0.0	218.756	-18.851	3.000	0.0	3.000
4000.00	1169.000	723.627	0.254	0.0	-0.102	0.0	0.0	225.235	-28.329	3.000	0.0	3.000



240.000	634.000	723.572	0.930	0.353	0.0	149.173	-84.954	150.000
240.000	772.000	723.859	0.267	0.486	0.0	173.342	-100.223	150.000
240.000	1105.000	724.275	0.016	0.648	0.0	197.719	-132.600	150.000
1100.000	356.000	729.824	0.0	7.162	0.0	10.464	0.0	860.000
1100.000	624.000	730.735	0.911	7.193	0.0	11.219	-0.755	860.000
1100.000	761.000	731.108	0.373	7.249	0.0	11.528	-1.064	860.000
1100.000	1089.000	734.055	2.948	9.781	0.0	120.143	-139.679	860.000
1150.000	356.000	729.999	0.0	0.174	0.0	9.374	0.0	50.000
1150.000	624.000	731.719	1.721	0.984	0.0	10.793	-1.420	50.000
1150.000	761.000	732.454	0.735	1.346	0.0	11.400	-2.027	50.000
1150.000	1089.000	735.478	3.024	1.423	0.0	118.300	-108.927	50.000
1200.000	356.000	734.219	0.0	0.220	0.0	9.226	0.0	50.000
1200.000	624.000	737.327	3.109	5.608	0.0	106.283	-97.058	50.000
1200.000	761.000	737.495	0.168	5.041	0.0	113.950	-104.725	50.000
1200.000	1089.000	737.894	0.399	2.416	0.0	123.448	-114.223	50.000
1276.000	356.000	735.906	0.0	1.688	0.0	11.950	0.0	76.000
1276.000	624.000	745.170	9.264	7.843	0.0	285.323	-273.373	76.000
1276.000	761.000	749.162	3.992	11.668	0.0	361.912	-349.962	76.000
1276.000	1089.000	756.114	6.952	18.220	0.0	725.228	-713.278	76.000
1326.000	356.000	736.472	0.0	0.566	0.0	11.582	0.0	50.000
1326.000	624.000	745.169	8.698	-0.001	0.0	254.549	-242.967	50.000
1326.000	761.000	749.162	3.993	0.0	0.0	331.184	-319.603	50.000
1326.000	1089.000	756.114	6.952	0.0	0.0	409.000	-397.419	50.000
1376.000	356.000	736.479	0.0	0.006	0.0	10.349	0.0	50.000
1376.000	624.000	745.167	8.689	-0.002	0.0	222.868	-212.520	50.000
1376.000	761.000	749.162	3.994	-0.001	0.0	302.401	-292.052	50.000
1376.000	1089.000	756.114	6.952	-0.001	0.0	409.000	-398.651	50.000
2900.000	277.000	753.563	0.0	17.084	0.0	14.716	0.0	1524.000
2900.000	434.000	754.834	1.272	9.667	0.0	20.358	-5.623	1524.000
2900.000	574.000	755.897	1.063	6.735	0.0	55.641	-40.925	1524.000
2900.000	858.000	756.756	0.859	0.643	0.0	63.689	-48.974	1524.000
2950.000	277.000	754.554	0.0	0.991	0.0	17.103	0.0	50.000
2950.000	434.000	756.100	1.548	1.266	0.0	55.187	-38.083	50.000
2950.000	574.000	756.572	0.492	0.695	0.0	59.308	-42.204	50.000
2950.000	858.000	757.395	0.716	0.549	0.0	65.980	-48.875	50.000
3000.000	277.000	755.285	0.0	0.832	0.0	16.144	0.0	50.000
3000.000	434.000	757.256	1.671	1.156	0.0	147.935	-131.771	50.000
3000.000	574.000	757.535	0.279	0.944	0.0	216.200	-200.038	50.000
3000.000	858.000	758.135	0.600	0.639	0.0	332.082	-315.919	50.000
3052.000	277.000	757.446	0.0	2.060	0.0	193.826	0.0	52.000
3052.000	434.000	757.897	0.401	0.591	0.0	282.822	-88.997	52.000
3052.000	574.000	757.985	0.138	0.449	0.0	306.198	-112.373	52.000
3052.000	858.000	758.318	0.533	0.183	0.0	359.938	-166.112	52.000
3102.000	277.000	757.377	0.0	-0.055	0.0	55.113	0.0	50.000
3102.000	434.000	757.475	0.098	-0.372	0.0	55.551	-6.438	50.000
3102.000	574.000	757.494	0.019	-0.571	0.0	55.629	-0.116	50.000
3102.000	858.000	758.307	0.893	0.065	0.0	63.975	-8.163	50.000
3152.000	277.000	757.403	0.0	0.066	0.0	40.029	0.0	50.000
3152.000	434.000	757.792	0.279	0.248	0.0	55.311	-15.281	50.000
3152.000	574.000	758.124	0.071	0.659	0.0	59.377	-17.298	50.000
3152.000	858.000	758.227	0.703	0.510	0.0	65.927	-25.528	50.000