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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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 1 THOMASVILLE-DAVIDSON CO. BASIN H STRM 23T  
 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	WSEL	FD
	-1.	2.	0.	0.	0.013000	0.0	0.0	0.	756.100	0.0
J2	NPROF	IPLLOT	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	1.000	34.000	3.000	4.000	27.000	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
QT	5.000	362.000	639.000	781.000	1122.000	781.000	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	315.000	8.000	1048.000	1074.000	315.000	315.000	315.000	0.0	0.0	0.0
GR	767.200	1000.000	753.000	1048.000	751.500	1052.000	751.100	1060.000	751.300	1072.000
GR	753.100	1074.000	758.400	1100.000	767.300	1197.000	0.0	0.0	0.0	0.0
QT	5.000	353.000	623.000	762.000	1096.000	762.000	0.0	0.0	0.0	0.0
X1	1225.000	9.000	1112.000	1120.000	910.000	910.000	910.000	0.0	0.0	0.0
GR	785.200	1000.000	775.400	1094.000	772.000	1103.000	770.900	1112.000	769.800	1113.000
GR	769.300	1115.000	769.600	1118.000	771.900	1120.000	785.200	1197.000	0.0	0.0
X1	1250.000	0.0	0.0	0.0	25.000	25.000	25.000	0.0	0.500	0.0
NC	0.025	0.025	0.025	0.0	0.300	0.0	0.0	0.0	0.0	0.0
X1	1300.000	17.000	1350.900	1368.400	50.000	50.000	50.000	0.0	0.0	0.0
GR	800.900	1000.000	791.400	1100.000	789.200	1200.000	786.700	1244.000	785.500	1292.000
GR	780.100	1336.500	776.900	1338.000	773.500	1347.000	773.200	1350.900	771.400	1355.900
GR	770.800	1359.400	771.200	1364.400	772.400	1358.500	778.400	1380.400	785.000	1452.200
GR	796.000	1500.000	800.900	1550.000	0.0	0.0	0.0	0.0	0.0	0.0
SB	0.900	1.500	2.500	0.0	17.500	0.010	74.500	0.0	0.0	0.0
X1	1351.000	0.0	0.0	0.0	51.000	51.000	51.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	777.400	784.400	0.0	0.0	0.0	0.0	0.0
BT	13.000	1000.000	800.900	0.0	1100.000	791.400	0.0	1200.000	789.200	0.0
BT	1300.000	786.100	0.0	1350.900	787.800	773.200	1355.900	787.700	777.100	1359.400
BT	787.600	777.400	1364.400	787.600	776.200	1368.400	787.500	772.400	1400.000	784.700
BT	0.0	1435.000	784.400	0.0	1500.000	796.000	0.0	1550.000	800.900	0.0
NC	0.055	0.055	0.035	0.100	0.300	0.0	0.0	0.0	0.0	0.0
X1	1401.000	9.000	1112.000	1120.000	50.000	50.000	50.000	0.0	2.500	0.0
GR	785.200	1000.000	775.400	1094.000	772.000	1103.000	770.900	1112.000	769.800	1113.000
GR	769.300	1115.000	769.600	1118.000	771.900	1120.000	785.200	1197.000	0.0	0.0
X1	1426.000	0.0	0.0	0.0	25.000	25.000	25.000	0.0	0.500	0.0
QT	5.000	305.000	544.000	668.000	971.000	668.000	0.0	0.0	0.0	0.0

X1	2075.000	13.000	1145.000	1160.000	649.000	649.000	649.000	0.0	0.0	0.0
GR	805.700	1000.000	801.900	1004.000	797.400	1100.000	790.900	1145.000	786.200	1148.000
GR	785.600	1150.000	786.000	1152.000	790.500	1160.000	792.200	1200.000	793.700	1250.000
GR	798.300	1300.000	802.900	1400.000	805.600	1428.000	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	2125.000	19.000	1431.500	1436.500	50.000	50.000	50.000	0.0	0.0	0.0
GR	811.600	1000.000	809.000	1100.000	804.400	1200.000	800.600	1300.000	797.500	1400.000
GR	797.300	1414.000	795.100	1429.000	792.300	1431.500	790.500	1432.200	789.800	1434.000
GR	790.500	1435.800	792.300	1436.500	794.600	1444.000	796.400	1484.000	796.200	1500.000
GR	797.100	1600.000	799.100	1700.000	805.400	1800.000	811.800	1898.000	0.0	0.0
SB	0.900	1.500	2.500	0.0	5.000	0.010	19.630	0.0	0.0	0.0

X1	2171.000	0.0	0.0	0.0	46.000	46.000	46.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	794.800	796.200	0.0	0.0	0.0	0.0	0.0
BT	15.000	1000.000	811.600	0.0	1100.000	809.000	0.0	1200.000	804.400	0.0
BT	1300.000	800.600	0.0	1400.000	797.500	0.0	1431.500	797.100	792.300	1432.200
BT	797.100	794.100	1434.000	797.000	794.800	1435.800	797.000	794.100	1436.500	797.000
BT	792.300	1500.000	796.200	0.0	1600.000	797.100	0.0	1700.000	799.100	0.0
BT	1800.000	805.400	0.0	1898.000	811.800	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	2221.000	13.000	1145.000	1160.000	50.000	50.000	50.000	0.0	6.500	0.0
GR	805.700	1000.000	801.900	1004.000	797.400	1100.000	790.900	1145.000	786.200	1148.000
GR	785.600	1150.000	786.000	1152.000	790.500	1160.000	792.200	1200.000	793.700	1250.000
GR	798.300	1300.000	802.900	1400.000	805.600	1428.000	0.0	0.0	0.0	0.0
QT	5.000	270.000	486.000	601.000	881.000	601.000	0.0	0.0	0.0	0.0

X1	2235.000	16.000	1224.000	1234.000	14.000	14.000	14.000	0.0	-1.600	0.0
GR	812.000	1000.000	808.100	1029.000	810.300	1037.000	809.800	1085.000	807.100	1126.000
GR	805.900	1148.000	801.100	1159.000	800.900	1200.000	797.100	1224.000	793.800	1226.000
GR	793.800	1229.000	794.100	1232.000	796.300	1234.000	803.900	1298.000	807.100	1323.000
GR	811.900	1366.000	0.0	0.0	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	2285.000	23.000	1270.300	1277.300	50.000	50.000	50.000	0.0	0.0	0.0
GR	812.800	1000.000	806.800	1100.000	801.200	1200.000	801.200	1203.000	800.400	1204.000
GR	800.200	1245.000	796.400	1269.000	794.800	1270.300	793.600	1270.800	793.100	1272.000
GR	793.600	1273.200	794.800	1273.700	794.400	1274.700	793.500	1275.100	793.100	1276.000
GR	793.500	1276.900	794.400	1277.300	795.600	1279.000	803.200	1343.000	806.400	1368.000
GR	808.200	1384.000	809.600	1400.000	812.700	1445.000	0.0	0.0	0.0	0.0
SB	0.900	1.500	2.500	0.0	7.000	1.000	23.460	0.0	0.0	0.0

X1	2323.000	0.0	0.0	0.0	38.000	38.000	38.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	796.400	800.300	0.0	0.0	0.0	0.0	0.0
BT	16.000	1000.000	812.800	0.0	1100.000	806.800	0.0	1200.000	801.200	0.0
BT	1270.300	800.300	794.800	1270.800	800.300	796.000	1272.000	800.300	796.400	1273.200
BT	800.400	796.000	1273.700	800.400	794.800	1274.700	800.400	794.400	1275.100	800.400
BT	795.300	1276.000	800.500	795.600	1276.900	800.500	795.300	1277.300	800.500	794.400
BT	1300.000	801.300	0.0	1400.000	809.600	0.0	1445.000	812.700	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	2373.000	16.000	1224.000	1234.000	50.000	50.000	50.000	0.0	0.0	0.0
GR	812.000	1000.000	808.100	1029.000	810.300	1037.000	809.800	1085.000	807.100	1126.000
GR	805.900	1148.000	801.100	1159.000	800.900	1200.000	797.100	1224.000	793.800	1226.000
GR	793.800	1229.000	794.100	1232.000	796.300	1234.000	803.900	1298.000	807.100	1323.000
GR	811.900	1366.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
QT	5.000	264.000	471.000	580.000	846.000	580.000	0.0	0.0	0.0	0.0

X1	3000.000	12.000	1241.000	1251.000	627.000	627.000	627.000	0.0	-11.500	0.0
GR	831.300	1000.000	823.500	1100.000	818.700	1200.000	815.600	1241.000	813.600	1242.000
GR	813.100	1246.000	813.400	1249.000	816.900	1251.000	819.500	1300.000	823.000	1400.000
GR	828.500	1500.000	813.300	1543.000	0.0	0.0	0.0	0.0	0.0	0.0

X1	3050.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.700	0.0
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 MODIFICATIONS 52,53,54,55,56,57,58  
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T1 THOMASVILLE-DAVIDSON CO. BASIN H STRM 23T  
 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	Q	WSEL	FO
	-10.	3.	0.	0.	0.013000	0.0	0.0	0.	757.100	0.0
J2	NPROF	IPL0T	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	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

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV	
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT	RIGHT
TIME	VLOB	VCH	VROB	XLN	XNCH	XNR	WTN	ELMIN	SSTA	
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	
315.00	3.07	754.17	754.17	757.10	755.40	1.23	0.0	0.0	753.00	
639.	5.	629.	5.	2.	70.	3.	0.	0.	753.10	
0.0	2.05	8.97	1.96	0.055	0.035	0.055	0.0	751.10	1044.06	
0.012491	315.	315.	315.	0	11	1	0.0	35.17	1079.23	

7185 MIN SPECIFIC ENERGY

3720 ASSUMED CRITICAL DEPTH

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV	
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT	RIGHT
TIME	VLOB	VCH	VROB	XLN	XNCH	XNR	WTN	ELMIN	SSTA	
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	
1225.00	5.12	774.42	774.42	0.0	775.65	1.23	10.60	0.0	770.90	
623.	178.	385.	60.	34.	36.	18.	2.	1.	771.90	
0.03	5.17	10.68	3.25	0.055	0.035	0.055	0.035	769.30	1096.60	
0.010868	910.	910.	910.	13	14	1	0.0	37.98	1134.58	

3685 20 TRIALS USED WSEL,CWSEL

7185 MIN SPECIFIC ENERGY

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 T3 100 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	F0
	-10.	4.	0.	0.	0.013000	0.0	0.0	0.	759.100	0.0
J2	NPROF	IPL0T	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

CCHV= 0.100 CEHV= 0.300

3720 ASSUMED CRITICAL DEPTH

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
315.00	3.46	754.56	754.56	759.10	755.91	1.35	0.0	0.0	753.00
781.	10.	759.	12.	4.	80.	5.	0.	0.	753.10
0.0	2.39	9.44	2.32	0.055	0.035	0.055	0.0	751.10	1042.72
0.011524	315.	315.	315.	0	14	1	0.0	38.45	1081.17

7185 MIN SPECIFIC ENERGY

3720 ASSUMED CRITICAL DEPTH

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
1225.00	5.52	774.82	774.82	0.0	776.16	1.34	10.22	0.0	770.90
762.	228.	446.	89.	41.	39.	25.	2.	1.	771.90
0.03	5.57	11.35	3.60	0.055	0.035	0.055	0.035	769.30	1095.53
0.010934	910.	910.	910.	15	14	1	0.0	41.38	1136.91

3685 20 TRIALS USED WSEL,CWSEL

7185 MIN SPECIFIC ENERGY

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T1 THOMASVILLE-DAVIDSON CO. BASIN H STRM 23T  
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918  
 T3 500 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	-10.	5.	0.	0.	0.013000	0.0	0.0	0.	760.100	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

CCHV= 0.100 CEHV= 0.300

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
315.00	4.29	755.39	755.39	756.10	756.96	1.58	0.0	0.0	753.00
1122.	29.	1056.	3P.	10.	102.	13.	0.	0.	753.10
0.0	2.98	10.36	2.93	0.055	0.035	0.055	0.0	751.10	1039.93
0.010130	315.	315.	315.	0	11	1	0.0	45.29	1085.22

3685 20 TRIALS USED WSEL,CWSEL

7185 MIN 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
1225.00	6.39	775.68	775.68	0.0	777.16	1.48	9.38	0.0	770.90
1096.	350.	572.	174.	56.	46.	41.	3.	1.	771.90
0.03	6.21	12.39	4.19	0.055	0.035	0.055	0.035	769.30	1091.26
0.010500	910.	910.	910.	30	14	1	0.0	50.65	1141.91

3685 20 TRIALS USED WSEL,CWSEL

7185 MIN SPECIFIC ENERGY

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)	CMSL	TQ	EG	TOPWID	STENCL	STENCR	VCH
1190	1225.00	910.00	910.00	769.30	353.00	773.40	33.47	774.40	29.40	0.0	0.0	9.11
1190	1225.00	910.00	910.00	769.30	623.00	774.42	59.76	775.65	37.98	0.0	0.0	10.68
1190	1225.00	910.00	910.00	769.30	762.00	774.02	72.87	776.16	41.38	0.0	0.0	11.35
1190	1225.00	910.00	910.00	769.30	1096.00	775.68	106.96	777.16	50.65	0.0	0.0	12.39
1215	1250.00	25.00	25.00	769.80	353.00	773.88	33.10	774.90	29.26	0.0	0.0	9.19
1215	1250.00	25.00	25.00	769.80	623.00	774.91	59.47	776.15	37.90	0.0	0.0	10.72
1215	1250.00	25.00	25.00	769.80	762.00	775.33	73.10	776.66	41.43	0.0	0.0	11.32
1215	1250.00	25.00	25.00	769.80	1096.00	776.20	107.75	777.66	50.92	0.0	0.0	12.32
1265	1300.00	50.00	50.00	770.80	353.00	774.67	75.06	775.16	29.09	0.0	0.0	5.83
1265	1300.00	50.00	50.00	770.80	623.00	775.72	131.01	776.41	33.90	0.0	0.0	7.14
1265	1300.00	50.00	50.00	770.80	762.00	776.12	157.43	776.93	35.77	0.0	0.0	7.73
1265	1300.00	50.00	50.00	770.80	1096.00	776.83	210.94	777.93	39.10	0.0	0.0	9.15
1351	1351.00	51.00	51.00	784.40	353.00	774.68	74.77	775.17	29.07	0.0	0.0	5.85
1351	1351.00	51.00	51.00	784.40	623.00	775.72	131.12	776.42	33.91	0.0	0.0	7.14
1351	1351.00	51.00	51.00	784.40	762.00	776.12	157.58	776.93	35.78	0.0	0.0	7.73
1351	1351.00	51.00	51.00	784.40	1096.00	777.40	88.73	781.88	93.91	0.0	0.0	3.37
1401	1401.00	50.00	50.00	771.80	353.00	775.88	33.11	776.90	29.26	0.0	0.0	9.18
1401	1401.00	50.00	50.00	771.80	623.00	776.90	59.23	778.15	37.83	0.0	0.0	10.75
1401	1401.00	50.00	50.00	771.80	762.00	777.31	72.61	778.66	41.31	0.0	0.0	11.38
1401	1401.00	50.00	50.00	771.80	1096.00	781.73	366.17	781.90	105.16	0.0	0.0	4.98
1426	1426.00	25.00	25.00	772.30	353.00	776.39	33.29	777.40	29.33	0.0	0.0	9.15
1426	1426.00	25.00	25.00	772.30	623.00	777.41	59.64	778.65	37.94	0.0	0.0	10.70
1426	1426.00	25.00	25.00	772.30	762.00	777.83	73.15	779.16	41.45	0.0	0.0	11.32
1426	1426.00	25.00	25.00	772.30	1096.00	781.72	314.44	781.95	97.28	0.0	0.0	5.58
2075	2075.00	649.00	649.00	785.60	305.00	789.85	22.88	791.14	13.17	0.0	0.0	9.13
2075	2075.00	649.00	649.00	785.60	544.00	791.48	52.76	792.73	42.03	0.0	0.0	9.16
2075	2075.00	649.00	649.00	785.60	668.00	792.15	75.06	793.22	62.39	0.0	0.0	8.80
2075	2075.00	649.00	649.00	785.60	971.00	793.07	123.83	793.97	98.90	0.0	0.0	8.79
2125	2125.00	50.00	50.00	789.80	305.00	795.28	45.86	796.11	31.26	0.0	0.0	8.39
2125	2125.00	50.00	50.00	789.80	544.00	796.38	96.38	796.99	97.03	0.0	0.0	8.18
2125	2125.00	50.00	50.00	789.80	668.00	796.59	114.60	797.21	124.08	0.0	0.0	8.64
2125	2125.00	50.00	50.00	789.80	971.00	797.05	171.80	797.60	178.36	0.0	0.0	8.80
2171	2171.00	46.00	46.00	796.20	305.00	797.04	171.63	797.10	178.22	0.0	0.0	2.77
2171	2171.00	46.00	46.00	796.20	544.00	797.51	262.24	797.58	220.67	0.0	0.0	3.38
2171	2171.00	46.00	46.00	796.20	668.00	797.66	301.09	797.75	233.66	0.0	0.0	3.67
2171	2171.00	46.00	46.00	796.20	971.00	797.99	393.21	798.10	260.27	0.0	0.0	4.20

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
<del>2203</del> 2221.00	50.00	0.0	0.0	792.10	305.00	796.35	22.87	797.64	13.17	0.0	0.0	9.13
<del>2221.00</del>	50.00	0.0	0.0	792.10	544.00	797.97	52.67	799.23	41.93	0.0	0.0	9.17
<del>2221.00</del>	50.00	0.0	0.0	792.10	668.00	798.66	75.69	799.72	62.88	0.0	0.0	8.75
<del>2221.00</del>	50.00	0.0	0.0	792.10	971.00	799.57	124.09	800.47	99.06	0.0	0.0	8.77
<del>2261</del> 2235.00	0	0.0	0.0	792.20	270.00	797.59	63.87	797.81	47.54	0.0	0.0	4.28
<del>2235.00</del>	0	0.0	0.0	792.20	486.00	799.18	133.78	799.38	70.95	0.0	0.0	4.45
<del>2235.00</del>	0	0.0	0.0	792.20	601.00	799.64	163.30	799.84	116.88	0.0	0.0	4.74
<del>2235.00</del>	14.00	0.0	0.0	792.20	881.00	800.34	223.13	800.58	124.35	0.0	0.0	5.43
<del>2311</del> 2285.00	50.00	0.0	0.0	793.10	270.00	797.51	46.11	798.02	33.10	0.0	0.0	6.59
<del>2285.00</del>	50.00	0.0	0.0	793.10	486.00	799.20	136.48	799.46	58.13	0.0	0.0	5.13
<del>2285.00</del>	50.00	0.0	0.0	793.10	601.00	799.66	174.21	799.92	64.84	0.0	0.0	5.24
<del>2285.00</del>	50.00	0.0	0.0	793.10	881.00	800.36	246.03	800.67	106.29	0.0	0.0	5.85
STA 23 + 30												
<del>2349</del> 2323.00	38.00	800.30	796.40	793.10	270.00	801.30	400.58	801.31	128.89	0.0	0.0	1.20
<del>2323.00</del>	38.00	800.30	796.40	793.10	486.00	801.99	551.61	802.01	146.85	0.0	0.0	1.67
<del>2323.00</del>	38.00	800.30	796.40	793.10	601.00	802.23	614.45	802.26	153.32	0.0	0.0	1.89
<del>2323.00</del>	38.00	800.30	796.40	793.10	881.00	802.73	756.50	802.78	166.46	0.0	0.0	2.33
<del>2373.00</del>	50.00	0.0	0.0	793.80	270.00	801.28	166.80	801.32	117.38	0.0	0.0	2.09
<del>2399</del> 2373.00	50.00	0.0	0.0	793.80	486.00	801.96	225.78	802.03	124.65	0.0	0.0	2.96
<del>2373.00</del>	50.00	0.0	0.0	793.80	601.00	802.20	250.02	802.29	127.21	0.0	0.0	3.38
<del>2373.00</del>	30.00	0.0	0.0	793.80	881.00	802.68	304.30	802.82	132.41	0.0	0.0	4.24
STA 23 + 30												
<del>2707</del> 3000.00	627.00	0.0	0.0	801.60	264.00	804.77	21.13	805.67	26.93	0.0	0.0	8.33
<del>2723</del> 3000.00	627.00	0.0	0.0	801.60	471.00	805.80	42.33	806.71	51.33	0.0	0.0	8.99
<del>3000.00</del>	627.00	0.0	0.0	801.60	580.00	806.18	54.14	807.09	64.57	0.0	0.0	9.27
<del>3000.00</del>	627.00	0.0	0.0	801.60	846.00	806.79	79.05	807.77	85.77	0.0	0.0	10.21
<del>3050.00</del>	50.00	0.0	0.0	802.30	264.00	805.63	23.62	806.38	29.56	0.0	0.0	7.68
<del>3050.00</del>	50.00	0.0	0.0	802.30	471.00	806.50	42.38	807.41	51.39	0.0	0.0	8.98
<del>3050.00</del>	50.00	0.0	0.0	802.30	580.00	806.88	54.21	807.79	64.63	0.0	0.0	9.26
<del>3050.00</del>	50.00	0.0	0.0	802.30	846.00	807.53	81.36	808.47	87.44	0.0	0.0	9.99
STA 31 + 70												
<del>3009</del> 3100.00	50.00	0.0	0.0	803.10	264.00	807.28	35.51	807.88	39.57	0.0	0.0	7.97
<del>3100.00</del>	50.00	0.0	0.0	803.10	471.00	807.91	62.95	808.59	60.11	0.0	0.0	8.90
<del>3100.00</del>	50.00	0.0	0.0	803.10	580.00	808.23	82.28	808.86	76.59	0.0	0.0	8.78
<del>3100.00</del>	50.00	0.0	0.0	803.10	846.00	808.70	131.54	809.23	180.70	0.0	0.0	8.53
L. F. ... STREET												
<del>3704</del> 3795.00	695.00	819.00	816.90	813.90	264.00	819.52	134.87	819.57	183.81	0.0	0.0	2.60
<del>3795.00</del>	695.00	819.00	816.90	813.90	471.00	819.89	200.21	819.96	239.61	0.0	0.0	3.27
<del>3795.00</del>	695.00	819.00	816.90	813.90	580.00	820.02	231.28	820.10	262.81	0.0	0.0	3.55
<del>3795.00</del>	695.00	819.00	816.90	813.90	846.00	820.29	303.83	820.39	279.97	0.0	0.0	4.06
<del>3845.00</del>	50.00	0.0	0.0	814.50	264.00	819.51	70.90	819.62	79.55	0.0	0.0	3.46
<del>3754</del> 3845.00	50.00	0.0	0.0	814.50	471.00	819.80	84.94	820.07	89.94	0.0	0.0	5.38
<del>3845.00</del>	50.00	0.0	0.0	814.50	580.00	819.88	89.25	820.25	92.86	0.0	0.0	6.38
<del>3845.00</del>	50.00	0.0	0.0	814.50	846.00	819.92	91.37	820.68	94.24	0.0	0.0	9.15



SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL OF GRUND	DISCHARGE (CFS)	CWSEL	TQ	EG	TOPWID	STENCL	STENCR	VCH	
3804	3895.00	50.00	0.0	0.0	814.90	264.00	819.55	56.75	819.73	67.14	0.0	0.0	4.08
	3895.00	50.00	0.0	0.0	814.90	471.00	819.91	70.71	820.28	79.40	0.0	0.0	6.18
	3895.00	50.00	0.0	0.0	814.90	580.00	820.05	77.29	820.53	84.47	0.0	0.0	7.12
	3895.00	50.00	0.0	0.0	814.90	846.00	820.38	94.07	821.10	95.97	0.0	0.0	8.95
4229	4320.00	425.00	0.0	0.0	821.80	130.00	824.20	10.07	824.80	21.16	0.0	0.0	6.26
	4320.00	425.00	0.0	0.0	821.80	244.00	824.84	20.43	825.65	26.38	0.0	0.0	7.41
	4320.00	425.00	0.0	0.0	821.80	311.00	825.16	26.83	826.05	28.94	0.0	0.0	7.87
	4320.00	425.00	0.0	0.0	821.80	478.00	825.80	42.45	826.87	34.10	0.0	0.0	8.84

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH Q	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH
315.000	362.000	753.381	0.0	0.0	0.0	28.676	0.0	315.000
315.000	639.000	754.165	0.784	0.0	0.0	35.167	-6.491	315.000
315.000	781.000	754.561	0.396	0.0	0.0	38.448	-9.772	315.000
315.000	1122.000	755.387	0.826	0.0	0.0	45.290	-16.614	315.000
1225.000	353.000	773.401	0.0	20.020	0.0	29.404	0.0	910.000
1225.000	623.000	774.417	1.016	20.252	0.0	37.977	-8.573	910.000
1225.000	762.000	774.820	0.403	20.259	0.0	41.377	-11.974	910.000
1225.000	1096.000	775.684	0.864	20.298	0.0	50.649	-21.245	910.000
1250.000	353.000	773.884	0.0	0.483	0.0	29.256	0.0	25.000
1250.000	623.000	774.907	1.024	0.491	0.0	37.896	-8.640	25.000
1250.000	762.000	775.327	0.419	0.507	0.0	41.433	-12.177	25.000
1250.000	1096.000	776.202	0.875	0.518	0.0	50.919	-21.664	25.000
1300.000	353.000	774.675	0.0	0.791	0.0	29.095	0.0	50.000
1300.000	623.000	775.716	1.041	0.809	0.0	33.898	-4.803	50.000
1300.000	762.000	776.120	0.404	0.793	0.0	35.774	-6.679	50.000
1300.000	1096.000	776.334	0.714	0.633	0.0	39.102	-10.007	50.000
1351.000	353.000	774.676	0.0	0.001	0.0	29.066	0.0	51.000
1351.000	623.000	775.717	1.042	0.001	0.0	33.907	-4.841	51.000
1351.000	762.000	776.121	0.404	0.001	0.0	35.783	-6.718	51.000
1351.000	1096.000	781.747	5.626	4.913	0.0	93.906	-64.841	51.000
1401.000	353.000	775.884	0.0	1.208	0.0	29.260	0.0	50.000
1401.000	623.000	776.900	1.016	1.163	0.0	37.830	-8.571	50.000
1401.000	762.000	777.313	0.413	1.191	0.0	41.313	-12.054	50.000
1401.000	1096.000	781.728	4.416	-0.019	0.0	105.159	-75.899	50.000
1426.000	353.000	776.392	0.0	0.509	0.0	29.322	0.0	25.000
1426.000	623.000	777.413	1.021	0.513	0.0	37.944	-8.612	25.000
1426.000	762.000	777.828	0.415	0.516	0.0	41.445	-12.114	25.000
1426.000	1096.000	781.716	3.888	-0.012	0.0	97.283	-67.951	25.000
2075.000	305.000	789.848	0.0	13.456	0.0	13.171	0.0	649.000
2075.000	544.000	791.478	1.630	14.065	0.0	42.028	-28.857	649.000
2075.000	668.000	792.147	0.669	14.319	0.0	62.394	-49.223	649.000
2075.000	971.000	793.066	0.919	11.350	0.0	98.900	-85.730	649.000
2125.000	305.000	795.277	0.0	5.429	0.0	31.265	0.0	50.000
2125.000	544.000	796.376	1.099	4.898	0.0	97.031	-65.766	50.000
2125.000	668.000	796.585	0.209	4.439	0.0	124.082	-92.817	50.000
2125.000	971.000	797.046	0.461	3.980	0.0	178.360	-147.095	50.000
2171.000	305.000	797.044	0.0	1.768	0.0	178.222	0.0	46.000

2171.000	544.000	797.507	0.463	1.131	0.0	220.666	-42.444	46.000
2171.000	668.000	797.665	0.150	1.079	0.0	233.660	-55.438	46.000
2171.000	971.000	797.988	0.323	0.942	0.0	260.265	-82.043	46.000
2221.000	305.000	796.347	0.0	-0.690	0.0	13.168	0.0	50.000
2221.000	544.000	797.975	1.628	0.468	0.0	41.931	-28.763	50.000
2221.000	668.000	798.662	0.688	0.958	0.0	62.877	-49.709	50.000
2221.000	971.000	799.570	0.908	1.582	0.0	99.058	-85.889	50.000
2235.000	270.000	797.589	0.0	1.243	0.0	47.538	0.0	14.000
2235.000	486.000	799.184	1.594	1.209	0.0	70.952	-23.414	14.000
2235.000	601.000	799.637	0.454	0.975	0.0	116.885	-69.347	14.000
2235.000	881.000	800.337	0.699	0.767	0.0	124.355	-76.817	14.000
2285.000	270.000	797.506	0.0	-0.083	0.0	33.097	0.0	50.000
2285.000	486.000	799.205	1.699	0.021	0.0	58.126	-25.029	50.000
2285.000	601.000	799.661	0.456	0.024	0.0	64.837	-31.740	50.000
2285.000	881.000	800.355	0.694	0.019	0.0	106.285	-73.188	50.000
2323.000	270.000	801.297	0.0	3.791	0.0	128.895	0.0	38.000
2323.000	486.000	801.987	0.689	2.782	0.0	146.855	-17.960	38.000
2323.000	601.000	802.233	0.246	2.572	0.0	153.322	-24.427	38.000
2323.000	881.000	802.733	0.500	2.378	0.0	166.460	-37.565	38.000
2373.000	270.000	801.282	0.0	-0.016	0.0	117.385	0.0	50.000
2373.000	486.000	801.960	0.679	-0.026	0.0	124.647	-7.262	50.000
2373.000	601.000	802.200	0.239	-0.033	0.0	127.212	-9.827	50.000
2373.000	881.000	802.684	0.484	-0.049	0.0	132.407	-15.022	50.000
3000.000	264.000	804.771	0.0	3.489	0.0	26.927	0.0	627.000
3000.000	471.000	805.799	1.028	3.838	0.0	51.326	-24.400	627.000
3000.000	580.000	806.178	0.379	3.978	0.0	64.566	-37.640	627.000
3000.000	846.000	806.786	0.608	4.102	0.0	85.772	-58.846	627.000
3050.000	264.000	805.627	0.0	0.857	0.0	29.561	0.0	50.000
3050.000	471.000	806.500	0.873	0.702	0.0	51.394	-21.833	50.000
3050.000	580.000	806.880	0.379	0.702	0.0	64.534	-35.073	50.000
3050.000	846.000	807.534	0.654	0.748	0.0	87.442	-57.881	50.000
3100.000	264.000	807.281	0.0	1.654	0.0	39.574	0.0	50.000
3100.000	471.000	807.914	0.633	1.414	0.0	60.110	-20.537	50.000
3100.000	580.000	808.229	0.314	1.349	0.0	76.594	-37.021	50.000
3100.000	846.000	808.699	0.471	1.166	0.0	180.698	-141.125	50.000
3793.000	264.000	819.522	0.0	12.241	0.0	183.806	0.0	695.000
3795.000	471.000	819.887	0.365	11.973	0.0	239.606	-55.800	695.000
3795.000	580.000	820.023	0.136	11.794	0.0	262.807	-79.000	695.000
3795.000	846.000	820.291	0.268	11.592	0.0	279.969	-96.163	695.000
3845.000	264.000	819.507	0.0	-0.014	0.0	79.552	0.0	50.000
3845.000	471.000	819.802	0.294	-0.085	0.0	89.943	-10.391	50.000
3845.000	580.000	819.884	0.083	-0.139	0.0	92.855	-13.303	50.000
3845.000	846.000	819.924	0.040	-0.367	0.0	94.243	-14.691	50.000
3895.000	264.000	819.553	0.0	0.046	0.0	67.140	0.0	50.000
3895.000	471.000	819.911	0.358	0.109	0.0	79.400	-12.259	50.000
3895.000	580.000	820.049	0.138	0.164	0.0	84.472	-17.332	50.000
3895.000	846.000	820.384	0.335	0.459	0.0	95.971	-28.831	50.000
4320.000	130.000	824.200	0.0	4.648	0.0	21.161	0.0	425.000
4320.000	244.000	824.845	0.644	4.954	0.0	26.378	-5.217	425.000
4320.000	311.000	825.161	0.316	5.113	0.0	28.941	-7.780	425.000
4320.000	478.000	825.798	0.637	5.414	0.0	34.098	-12.937	425.000

DATA FOR LAST CROSS SECTION  
 PROFILE TYPE ENC TARGET TOP WIDTH TOP WIDTH