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 20 00100 00-110 11-1974  
 21 00000 01-020 03-000 06-07-08  
 22 00000 00-00-00 00-00-00  
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11 HUNTSVILLE-DAVIDSON CO, STRN 361  
 12 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6913  
 13 10 YEAR FLOOD WATER SURFACE PROFILE

03	10000	150	0100	TDIR	SINT	DETRIC	HVIBS	Q	WSLL	FG
	-1.	2.	0.	0.	0.012000	0.0	0.0	0.	839.300	0.0
04	00000	IPLOT	DRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHIAM	ITRACE
	1.0	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32	2.000	34.000	3.000	4.000	27.000	28.000	28.000	28.000	0.0	0.0
33	0.055	0.055	0.035	0.100	0.300	0.0	0.0	0.0	0.0	0.0
34	8.000	68.000	157.000	214.000	372.000	214.000	0.0	0.0	0.0	0.0
35	5.000	0.0	0.0	0.0	0.0	-10.400	0.0	0.0	0.0	0.0
36	2390.000	8.300	1137.000	1136.000	3900.000	3560.000	3900.000	0.0	0.0	0.0
37	834.400	1000.000	834.600	1100.000	836.400	1137.000	834.300	1146.000	834.300	1153.000
38	650.400	1156.000	837.200	1200.000	649.500	1300.000	650.400	1311.000	0.0	0.0
39	0.000	30.000	22.000	110.000	208.000	114.000	0.0	0.0	0.0	0.0
40	1000.000	7.000	1151.000	1175.000	1000.000	1000.000	1000.000	0.0	0.0	0.0
41	855.200	1000.000	857.200	1000.000	857.200	1156.000	855.200	1051.000	857.200	1109.000
42	0.000	1175.000	850.500	1200.000	872.500	1264.000	0.0	0.0	0.0	0.0
43	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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11 HILLSVILLE-DAVIDSON CO. STG# 35T  
 12 FLOOD PLAIN STUDY AT ROMAN & DAVIDSON COUNTIES H-G JOB NO. 6918  
 13 50 YEAR FLOOD WATER SURFACE PROFILE

STATION	DATE	TIME	DATE	STRT	CEVIC	DVINS	Q	WSEL	FN
100	3	0	0	0.012000	0.0	0.0	0	640.300	0.0
WSEL	IFLOE	PREVS	XSECV	XSECH	FN	ALLDC	IBW	CHINA	ITRACE
640.300	1.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Q	WSEL	CH	CRWS	WSEL	EG	HV	HL	GLOSS	BANK ELEV
100	100	100	100	100	100	100	100	100	100
6900.00	1.27	655.27	0.0	640.30	656.36	0.39	0.0	0.0	636.40
100	0	100	0	0	100	100	0	0	100
1,011.00	0.10	640.0	0.01	0.035	0.035	0.035	0.0	633.50	1130.09
1,011.00	0.10	640.0	0.01	0	0	0	0.0	631.19	1175.03
5500.00	2.15	655.27	0.0	0.0	655.27	0.36	15.93	0.02	657.29
100	0	100	0	0	100	100	1	1	100
1,011.00	0.10	640.0	0.01	0.035	0.035	0.035	0.035	633.50	1130.31
1,011.00	0.10	640.0	0.01	0	0	0	0.0	631.19	1175.29

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 THE PROGRAM UPDATED JAN 1975  
 PROGRAM CORRECTIONS 01,02,03,04,05,06,07,08  
 MODIFICATIONS 52,53,54,55,56,57,58  
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01 THOMASVILLE-DAVIDSON CO. STRG 36T  
 02 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918  
 03 100 YEAR FLOOD WATER SURFACE PROFILE

04	ICHECK	INQ	INIV	IDIR	STRT	MEPIC	HVINS	0	WALL	EQ
	10.	4.	0.	0.	0.002000	0.0	0.0	0.	842.300	0.0
05	WPRCE	IPLOT	PREVS	XSECV	XSECH	REN	ALDCC	IBW	CHUR	ITRACE
	3.000	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0

06	CEIV	0.200	CEIV	0.300	SECHO	DEPTH	WSEL	CRWS	WSELK	EG	HV	HL	LOSS	BANK ELEV
07	TIME	VLIN	VCH	VRCB	XNL	XNCI	XNR	WTN	ELMIN	SSTA	TOPWID	ENDST		
08	SAMPL	0.00	XLCH	XLOPR	ITRIAL	IDE	ICONT	CORAR						
	8400.00	1.00	836.24	0.0	842.30	836.68	0.44	0.0	0.0	836.46				
	0214.	0.	162.	52.	0.	27.	20.	0.	0.	834.50				
	0.0	0.0	0.95	2.67	0.055	0.035	0.055	0.0	834.30	1157.69				
	0.011321	1900.	1900.	3900.	0	0	8	0.0	40.82	1170.51				
	860.00	0.00	856.25	0.0	0.0	856.25	0.57	19.54	0.04	857.20				
	110.	0.	110.	0.	0.	19.	0.	1.	1.	856.90				
	0.7	0.0	0.00	0.0	0.055	0.035	0.055	0.035	855.20	1157.89				
	0.011397	1600.	1600.	1600.	0	0	1	0.0	12.16	1170.05				

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 DECK VERSION DATED JAN 1978  
 CROSS CONNECTIONS 01, 02, 03, 04, 05, 06, 07, 08  
 MODIFICATIONS 09, 10, 11, 12, 13, 14, 15, 16, 17, 18  
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T1 THOMASVILLE-DAVIDSON CO. STR# 361  
 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918  
 100 YEAR FLOOD WATER SURFACE PROFILE

DECK	IPS	BLIV	DIR	STRE	METRIC	HVINS	Q	WSEL	FR
-10.	5.	0.	0.	0.012000	0.0	0.0	0.	843.300	0.0
PROF	PLOT	PREVS	XSECV	XSECH	FN	ALLDC	IBW	CHVIN	TRACE
15.000	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CHIV= 0.100 CENV= 0.300

720 ASSUMED CRITICAL DEPTH

SECHD	DEPTH	WSEL	CHINS	WSELK	LG	HV	HL	LOSS	BANK ELEV
Q	GLDR	QCHY	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOS	VCH	VROB	XNL	XMCH	XNR	WTN	EMIN	SSTA
SLOPE	XLOHL	YLC	XLOBR	IRIAL	IDC	ICONT	CORAR	TOPWID	LMUST
3200.00	1.1	836.73	836.75	843.30	857.33	0.50	0.0	0.0	836.40
176.	11.	859.	103.	9.	37.	33.	0.	0.	834.50
0.0	1.14	7.03	3.13	0.055	0.035	0.055	0.0	834.30	1098.91
3.311542	3900.	3900.	3900.	0	14	1	0.0	86.21	1125.12
5500.00	3.21	856.41	0.0	0.0	857.23	0.82	19.83	0.07	857.20
206.	0.	209.	0.	0.	29.	0.	2.	2.	856.90
0.00	0.0	7.27	0.0	0.055	0.035	0.055	0.035	853.20	1156.99
3.311173	1600.	1600.	1600.	3	0	1	0.0	14.02	1171.81

ADDITIONAL 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	CG	TOPWID	STENCL	STENCR	VCH
3900.00	3900.00	0.0	0.0	834.30	68.00	835.41	6.21	835.67	26.57	0.0	0.0	4.35
3900.00	3900.00	0.0	0.0	834.30	157.00	835.97	14.34	836.36	36.19	0.0	0.0	5.51
3900.00	3900.00	0.0	0.0	834.30	214.00	836.24	19.68	836.68	40.82	0.0	0.0	5.95
3900.00	3900.00	0.0	0.0	834.30	372.00	836.75	30.63	837.33	46.21	0.0	0.0	7.03
5500.00	1600.00	0.0	0.0	853.20	34.00	854.62	3.09	854.90	8.21	0.0	0.0	4.29
5500.00	1600.00	0.0	0.0	853.20	82.00	855.35	7.35	855.82	10.93	0.0	0.0	5.47
5500.00	1600.00	0.0	0.0	853.20	114.00	855.89	10.00	856.25	12.16	0.0	0.0	6.04
5500.00	1600.00	0.0	0.0	853.20	208.00	856.41	17.47	857.23	14.82	0.0	0.0	7.27

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH W	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH
3900.000	68.000	835.412	0.0	0.0	0.0	26.573	0.0	3900.000
3900.000	157.000	835.970	0.558	0.0	0.0	36.193	-9.619	3900.000
3900.000	214.000	836.239	0.269	0.0	0.0	40.824	-14.251	3900.000
3900.000	372.000	836.750	0.511	0.0	0.0	46.210	-52.637	3900.000
5500.000	34.000	854.618	0.0	19.206	0.0	8.206	0.0	1600.000
5500.000	82.000	855.352	0.734	19.383	0.0	10.931	-2.725	1600.000
5500.000	114.000	855.688	0.335	19.449	0.0	12.164	-3.958	1600.000
5500.000	208.000	856.409	0.721	19.659	0.0	14.822	-6.615	1600.000

DATA FOR EACH CROSS SECTION

PROFILE	TYPE	ENC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
1		0.0	0.0	0.639	0.0
2		0.0	0.0	0.865	0.227
3		0.0	0.0	0.973	0.334
4		0.0	0.0	1.855	1.217

