
 HEC2 VERSION UPDATED JAN 1975
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08
 MODIFICATIONS 52,53,54,55,56,57,58

T1 TRIB. 3 (CARY) BASIN 20
 T2 FLOODPLAIN STUDY AT WAKE COUNTY M-G JOB NO.6855
 T3 100 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ		
	-1.	4.	0.	0.	0.003000	0.0	0.0	0.	353.000	0.0		
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE		
	-1.000	0.7	-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	0.0	0.0
NC	0.085	0.085	0.060	0.100	0.300	0.0	0.0	0.0	0.0	0.0	0.0	0.0
QT	5.000	700.000	1520.000	2200.000	4640.000	2200.000	0.0	0.0	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	0.0	-10.400	0.0	0.0	0.0	0.0	0.0
X1	4000.000	21.000	2148.000	2164.000	4000.000	4000.000	4000.000	0.0	-17.000	0.0	0.0	0.0
GR	373.000	1000.000	370.400	1200.000	365.200	1400.000	361.200	1500.000	356.300	1700.000	1700.000	1700.000
GR	352.100	1800.000	351.900	2100.000	351.000	2148.000	345.300	2156.000	351.100	2164.000	2164.000	2164.000
GR	351.000	2200.000	351.200	2400.000	351.000	2900.000	351.800	3200.000	352.600	3400.000	3400.000	3400.000
GR	354.000	3600.000	356.400	3800.000	359.200	4000.000	361.900	4200.000	365.100	4400.000	4400.000	4400.000
GR	368.000	4500.000	0.0	0.0	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	0.0	-5.400	0.0	0.0	0.0	0.0	0.0
X1	4050.000	22.000	2146.000	2166.000	50.000	50.000	50.000	0.0	-17.000	0.0	0.0	0.0
GR	373.000	1000.000	370.400	1200.000	368.100	1400.000	366.800	1500.000	357.000	1700.000	1700.000	1700.000
GR	356.000	1800.000	355.200	2100.000	354.500	2146.000	346.000	2146.100	346.000	2165.900	2165.900	2165.900
GR	354.500	2166.000	355.300	2200.000	355.300	2400.000	351.900	2900.000	353.000	3200.000	3200.000	3200.000
GR	354.800	3400.000	356.900	3600.000	359.100	3800.000	361.900	4000.000	364.800	4200.000	4200.000	4200.000
GR	367.800	4400.000	369.400	4500.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SB	1.250	1.500	3.000	0.0	20.000	1.000	170.000	0.0	0.0	0.0	0.0	0.0
X1	4300.000	0.0	0.0	0.0	250.000	250.000	250.000	0.0	0.0	0.0	0.0	0.0
X2	0.0	0.0	1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BT	13.000	1000.000	356.000	0.0	1500.000	349.800	0.0	1700.000	347.400	0.0	0.0	0.0
BT	1800.000	346.100	0.0	2100.000	342.500	0.0	2146.000	341.500	337.500	2166.000	2166.000	2166.000
BT	341.500	337.500	2200.000	341.000	0.0	2400.000	338.500	0.0	2900.000	334.900	334.900	334.900
BT	0.0	3200.000	336.000	0.0	4000.000	344.900	0.0	4500.000	352.400	0.0	0.0	0.0
ET	0.000	0.0	0.0	0.0	0.0	7.100	2100.000	2700.000	0.0	0.0	0.0	0.0
X1	4350.000	21.000	2148.000	2164.000	50.000	50.000	50.000	0.0	-16.000	0.0	0.0	0.0
GR	373.000	1000.000	370.400	1200.000	365.200	1400.000	361.200	1500.000	356.300	1700.000	1700.000	1700.000
GR	352.100	1800.000	351.900	2100.000	351.000	2148.000	345.300	2156.000	351.100	2164.000	2164.000	2164.000
GR	351.000	2200.000	351.200	2400.000	351.000	2900.000	351.800	3200.000	352.600	3400.000	3400.000	3400.000
GR	354.000	3600.000	356.400	3800.000	359.200	4000.000	361.900	4200.000	365.100	4400.000	4400.000	4400.000
GR	368.000	4500.000	0.0	0.0	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	-15.400	0.0	0.0	0.0	0.0	0.0	0.0
X1	4400.000	13.000	298.000	318.000	50.000	50.000	50.000	0.0	-19.000	0.0	0.0	0.0
GR	371.300	0.0	368.500	100.000	366.000	200.000	359.300	250.000	352.600	298.000	298.000	298.000

GR	348.400	298.100	348.400	308.000	348.400	317.900	352.600	318.000	359.300	350.000
GR	364.600	400.000	366.000	500.000	368.900	600.000	0.0	0.0	0.0	0.0
SB	0.900	1.500	3.000	0.0	21.000	1.000	180.000	0.0	0.0	0.0
X1	4490.000	0.0	0.0	0.0	90.000	90.000	90.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BT	12.000	0.0	352.300	0.0	100.000	349.500	0.0	200.000	347.000	0.0
BT	250.000	345.800	340.300	298.000	346.700	333.600	298.100	346.700	338.400	317.900
BT	346.700	338.400	318.000	346.700	333.600	350.000	345.800	340.300	400.000	345.600
BT	0.0	500.000	347.000	0.0	600.000	349.900	0.0	0.0	0.0	0.0
X1	4540.000	15.000	565.000	581.000	50.000	50.000	50.000	0.0	-18.600	0.0
GR	367.200	0.0	363.400	100.000	361.300	200.000	358.600	300.000	355.500	400.000
GR	354.400	500.000	351.200	565.000	349.400	571.000	348.000	575.000	349.400	579.000
GR	351.400	581.000	354.700	600.000	557.100	700.000	361.100	800.000	367.500	825.000
QT	5.000	650.000	1500.000	2100.000	4530.000	2100.000	0.0	0.0	0.0	0.0
X1	5800.000	31.000	1422.000	1900.000	1260.000	1260.000	1260.000	0.0	0.0	0.0
GR	400.000	0.0	390.000	300.000	380.000	400.000	370.000	600.000	360.000	700.000
GR	358.400	800.000	355.400	900.000	351.700	1000.000	352.800	1052.000	351.600	1093.000
GR	350.000	1200.000	345.600	1300.000	341.000	1400.000	339.000	1422.000	333.900	1439.000
GR	333.200	1449.000	334.000	1460.000	339.000	1478.000	339.000	1500.000	337.600	1600.000
GR	338.000	1700.000	337.200	1751.000	332.800	1768.000	337.100	1776.000	338.600	1900.000
GR	342.600	2000.000	358.400	2055.000	370.000	2100.000	380.000	2150.000	390.000	2200.000
GR	400.000	2250.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	5850.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.0	0.0
SB	0.900	1.500	2.500	0.0	1.000	0.500	0.400	0.0	0.0	0.0
X1	5875.000	0.0	0.0	0.0	25.000	25.000	25.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BT	16.000	0.0	400.000	0.0	600.000	370.000	0.0	850.000	360.000	0.0
BT	1100.000	356.300	0.0	1300.000	357.100	0.0	1410.000	357.400	0.0	1411.000
BT	355.600	0.0	1448.500	355.600	334.000	1449.500	355.600	334.000	1500.000	355.600
BT	0.0	1501.000	357.400	0.0	1600.000	358.500	0.0	1800.000	365.000	0.0
BT	2000.000	374.300	0.0	2150.000	380.000	0.0	2250.000	400.000	0.0	0.0
X1	5975.000	0.0	0.0	0.0	100.000	100.000	100.000	0.0	1.000	0.0
QT	5.000	910.000	2550.000	1880.000	3500.000	1880.000	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	7.100	614.000	630.000	0.0	0.0
X1	9800.000	14.000	614.000	630.000	3825.000	3825.000	3825.000	0.0	-0.400	0.0
GR	372.800	0.0	369.100	100.000	366.500	200.000	364.500	300.000	358.600	400.000
GR	357.400	500.000	355.600	600.000	354.100	614.000	351.200	616.000	350.400	622.000
GR	351.200	628.000	354.000	630.000	360.900	700.000	376.300	800.000	0.0	0.0
ET	0.0	0.0	0.0	0.0	0.0	7.100	500.000	667.000	0.0	0.0
X1	9850.000	15.000	642.000	667.000	50.000	50.000	50.000	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GR	369.300	0.0	365.900	100.000	363.700	200.000	362.500	300.000	361.200	400.000
GR	360.000	500.000	355.600	600.000	352.800	642.000	350.800	643.000	350.200	652.000
GR	350.600	661.000	352.800	667.000	356.400	668.000	359.200	700.000	366.300	800.000
SB	0.900	1.500	2.600	0.0	30.000	0.001	138.000	0.0	0.0	0.0
ET	0.0	0.0	0.0	0.0	0.0	7.100	540.000	667.000	0.0	0.0
X1	9875.000	0.0	0.0	0.0	25.000	25.000	25.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BT	6.000	500.000	360.000	0.0	600.000	358.600	355.600	638.000	358.200	356.700
BT	668.000	358.200	356.700	700.000	359.200	0.0	800.000	366.300	0.0	0.0
ET	0.0	0.0	0.0	0.0	0.0	7.100	400.000	680.000	0.0	0.0
X1	9925.000	14.000	614.000	630.000	50.000	50.000	50.000	0.0	0.0	0.0
GR	372.800	0.0	369.100	100.000	366.500	200.000	364.500	300.000	358.600	400.000
GR	357.400	500.000	355.600	600.000	354.100	614.000	351.200	616.000	350.400	622.000
GR	351.200	628.000	354.000	630.000	360.900	700.000	376.300	800.000	0.0	0.0

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

100 YEAR FLOOD WATER SUR

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL GROUND	DISCHARGE (CFS)	CWSEL	TQ	EG	TOPWID	STENCL	STENCR	VCH
4000.00	4000.00	0.0	0.0	328.30	2200.00	335.59	404.01	335.63	1610.53	0.0	0.0	3.16
4050.00	50.00	0.0	0.0	329.00	2200.00	336.54	189.54	337.03	620.10	0.0	0.0	7.60
4300.00	250.00	334.90	337.50	329.00	2200.00	336.64	209.45	337.03	649.51	0.0	0.0	6.92
4350.00	50.00	0.0	0.0	329.30	2200.00	337.16	739.15	337.17	1705.45	0.0	0.0	1.87
4400.00	50.00	0.0	0.0	329.40	2200.00	337.05	134.34	339.20	61.25	0.0	0.0	12.50
4490.00	90.00	345.60	340.30	329.40	2200.00	338.34	192.57	339.53	76.64	0.0	0.0	9.66
4540.00	50.00	0.0	0.0	329.40	2200.00	339.71	626.00	339.78	421.17	0.0	0.0	3.49
5800.00	1260.00	0.0	0.0	332.80	2100.00	340.80	868.07	340.93	552.89	0.0	0.0	1.32
5850.00	50.00	0.0	0.0	332.80	2100.00	340.83	885.31	340.86	554.26	0.0	0.0	1.30
5875.00	25.00	355.60	334.00	332.80	2100.00	358.04	24377.07	358.04	1241.84	0.0	0.0	0.16
5975.00	100.00	0.0	0.0	333.80	2100.00	358.04	22058.48	358.04	1205.01	0.0	0.0	0.17
9800.00	3825.00	0.0	0.0	350.00	1880.00	357.42	144.11	358.38	203.70	0.0	0.0	10.08
9850.00	50.00	0.0	0.0	350.20	1880.00	358.41	274.79	358.83	132.12	0.0	0.0	6.28
9875.00	25.00	358.20	356.70	350.20	1880.00	359.88	433.91	360.07	206.67	0.0	0.0	4.47
9925.00	50.00	0.0	0.0	350.40	1880.00	360.07	446.03	360.17	316.45	0.0	0.0	3.96
16200.00	6275.00	0.0	0.0	384.80	1200.00	390.19	74.21	391.78	50.99	0.0	0.0	11.08
16250.00	50.00	0.0	0.0	385.10	1200.00	392.10	123.76	392.63	104.90	0.0	0.0	7.01
16325.00	75.00	395.40	395.10	385.10	1200.00	393.11	183.36	393.37	128.79	0.0	0.0	5.18
16375.00	50.00	0.0	0.0	384.80	1200.00	393.26	203.21	393.57	81.68	0.0	0.0	5.41
17475.00	1100.00	0.0	0.0	394.70	1150.00	401.07	81.89	401.53	292.94	0.0	0.0	7.92

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH Q	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH
4000.000	2200.000	335.594	0.0	0.0	0.0	1610.532	0.0	4000.000
4050.000	2200.000	336.535	0.0	0.941	0.0	620.101	0.0	50.000
4300.000	2200.000	336.645	0.0	0.109	0.0	649.907	0.0	250.000
4350.000	2200.000	337.161	0.0	0.517	0.0	1705.452	0.0	50.000
4400.000	2200.000	337.054	0.0	-0.107	0.0	61.249	0.0	50.000

4050.00 7.80 336.80 336.80 336.54 337.49 0.69 0.29 0.0 337.50

4490.000	2200.000	338.343	0.0	1.289	0.0	76.638	0.0	90.000
4540.000	2200.000	339.714	0.0	1.372	0.0	421.172	0.0	50.000
5800.000	2100.000	340.803	0.0	1.089	0.0	552.891	0.0	1260.000
5850.000	2100.000	340.832	0.0	0.029	0.0	554.260	0.0	50.000
5875.000	2100.000	358.042	0.0	17.209	0.0	1241.842	0.0	25.000
5975.000	2100.000	358.042	0.0	0.0	0.0	1205.009	0.0	100.000
9800.000	1880.000	357.419	0.0	-0.623	0.0	203.700	0.0	3825.000
9850.000	1880.000	358.407	0.0	0.988	0.0	132.122	0.0	50.000
9875.000	1880.000	359.875	0.0	1.468	0.0	206.669	0.0	25.000
9925.000	1880.000	360.068	0.0	0.193	0.0	316.454	0.0	50.000
16200.000	1200.000	390.195	0.0	30.127	0.0	50.986	0.0	6275.000
16250.000	1200.000	392.104	0.0	1.910	0.0	104.899	0.0	50.000
16325.000	1200.000	393.113	0.0	1.009	0.0	128.791	0.0	75.000
16375.000	1200.000	393.261	0.0	0.148	0.0	81.685	0.0	50.000
17475.000	1150.000	401.070	0.0	7.809	0.0	292.938	0.0	1100.000

DATA FOR LAST CROSS SECTION
PROFILE

PROFILE	TYPE ENC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
1	0.0	0.0	119.812	0.0

 HEC2 VERSION UPDATED JAN 1975
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08
 MODIFICATIONS 52,53,54,55,56,57,58

T1 TRIB. 3 (CARY) BASIN 20
 T2 FLOODPLAIN STUDY AT WAKE COUNTY M-G JOB NO.6855
 T3 100 YEAR FLOODWAY

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-10.	6.	0.	0.	0.0	0.0	0.0	0.	336.590	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
 2800 NAT Q1= 404.01 WSEL= 335.59 ENC Q1= 404.01 WSEL= 336.59 RATIO= 0.0
 NAT Q1= 1060. RATIOS LOB,CH,ROB= 0.1395 0.0544 0.8060 WSEL= 336.59

SECNO	DEPTH	CWSEL	CRISW	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= 2044.3 2530.9 TYPE= 4 TARGET= 0.619
 4000.00 8.29 336.59 0.0 335.59 336.66 0.07 0.0 0.0 334.00
 2200. 290. 317. 1593. 196. 87. 906. 0. 0. 334.10
 0.0 1.48 3.66 1.76 0.085 0.060 0.085 0.0 328.30 2044.29
 0.003030 4000. 4000. 4000. 0 0 1 0.0 486.64 2530.92

2800 NAT Q1= 189.54 WSEL= 336.54 ENC Q1= 189.54 WSEL= 337.04 RATIO= -0.0000
 NAT Q1= 288. RATIOS LOB,CH,ROB= 0.0 0.3720 0.6280 WSEL= 337.04
 3685 20 TRIALS USED WSEL,CWSEL

7185 MIN. SPECIFIC ENERGY

3720 ASSUMED CRITICAL DEPTH

3265 DIVIDED FLOW

SECNO	DEPTH	CWSEL	CRISW	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= 2146.0 2955.9 TYPE= 4 TARGET= 0.342
 4050.00 7.88 336.80 236.80 336.54 337.49 0.69 0.28 0.0 337.50

SUMMARY PRINTOUT FOR MULTIPLE PROFILES .

100 YEAR FLOODWAY

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL GROUND	DISCHARGE (CFS)	CWSEL	TQ	EG	TOPWID	STENCL	STENCR	VCH
A	4000.00	4000.00	0.0	0.0	328.30	2200.00	335.59	404.01	335.63	1610.53	0.0	3.16
	4000.00	4000.00	0.0	0.0	328.30	2200.00	336.59	399.65	336.66	486.64	2044.29	3.66
	4050.00	50.00	0.0	0.0	329.00	2200.00	336.54	189.54	337.03	620.10	0.0	7.60
	4050.00	50.00	0.0	0.0	329.00	2200.00	336.80	173.70	337.49	355.28	2146.00	8.40
B	4300.00	250.00	0.0	0.0	329.00	2200.00	336.64	209.45	337.03	649.91	0.0	6.92
	4300.00	250.00	0.0	0.0	329.00	2200.00	336.91	192.80	337.44	387.28	2146.00	7.61
	4350.00	50.00	0.0	0.0	329.30	2200.00	337.16	739.15	337.17	1705.45	0.0	1.87
	4350.00	50.00	0.0	0.0	329.30	2200.00	337.63	525.38	337.67	600.00	2100.00	2.80
C	4400.00	50.00	0.0	0.0	329.40	2200.00	337.05	134.34	339.20	61.25	0.0	12.50
	4400.00	50.00	0.0	0.0	329.40	2200.00	336.62	98.80	340.24	20.00	298.00	15.28
	4490.00	90.00	345.60	340.30	329.40	2200.00	338.34	192.57	339.53	76.64	0.0	9.68
	4490.00	90.00	345.60	340.30	329.40	2200.00	339.84	281.94	340.46	94.54	0.0	7.33
D	4540.00	50.00	0.0	0.0	329.40	2200.00	339.71	626.00	339.78	421.17	0.0	3.49
	4540.00	50.00	0.0	0.0	329.40	2200.00	340.51	547.31	340.65	139.31	491.75	4.23
E	5800.00	1260.00	0.0	0.0	332.80	2100.00	340.80	868.07	340.83	552.89	0.0	1.32
	5800.00	1260.00	0.0	0.0	332.80	2100.00	341.45	1149.83	341.47	478.00	1422.00	1.12
	5850.00	50.00	0.0	0.0	332.80	2100.00	340.83	885.31	340.86	554.26	0.0	1.30
	5850.00	50.00	0.0	0.0	332.80	2100.00	341.47	1158.40	341.49	478.00	1422.00	1.11
F	5875.00	25.00	0.0	0.0	332.80	2100.00	358.04	24377.07	358.04	1241.84	0.0	0.16
	5875.00	25.00	0.0	0.0	332.80	2100.00	358.68	22883.95	358.68	680.24	1279.42	0.17
F	5975.00	100.00	0.0	0.0	333.80	2100.00	358.04	22058.48	358.04	1205.01	0.0	0.17
	5975.00	100.00	0.0	0.0	333.80	2100.00	358.68	20634.64	358.68	647.29	1306.86	0.19
G	9800.00	3825.00	0.0	0.0	350.00	1880.00	357.42	144.11	358.38	203.70	0.0	10.08
	9800.00	3825.00	0.0	0.0	350.00	1880.00	358.37	77.74	362.17	16.00	614.00	15.63
	9850.00	50.00	0.0	0.0	350.20	1880.00	358.41	274.79	358.83	132.12	0.0	6.28
	9850.00	50.00	0.0	0.0	350.20	1880.00	362.58	784.02	362.64	167.00	500.00	2.39
	9875.00	25.00	358.20	356.70	350.20	1880.00	359.88	433.91	360.07	206.67	0.0	4.47
	9875.00	25.00	358.20	356.70	350.20	1880.00	362.69	750.97	362.75	127.00	540.00	2.51
	9925.00	50.00	0.0	0.0	350.40	1880.00	360.07	446.03	360.17	316.45	0.0	3.96
	9925.00	50.00	0.0	0.0	350.40	1880.00	362.75	1075.45	362.78	280.00	400.00	1.96
H	16200.00	6275.00	0.0	0.0	384.80	1200.00	390.19	74.21	391.78	50.99	0.0	11.08
	16200.00	6275.00	0.0	0.0	384.80	1200.00	390.39	56.89	393.09	17.00	442.00	13.20
	16250.00	50.00	0.0	0.0	385.10	1200.00	392.10	123.76	392.63	104.90	0.0	7.01
	16250.00	50.00	0.0	0.0	385.10	1200.00	393.51	179.15	393.85	49.99	473.27	5.47
	16325.00	75.00	395.40	395.10	385.10	1200.00	393.11	183.36	393.37	128.79	0.0	5.18

NO ENCROACH. 9/1/76

NO ENCROACH. 9/1/76 RT

NO ENCROACH. 7/1/76 RT

16325.00 75.00 395.40 395.10 385.10 1200.00 394.11 265.20 394.24 162.78 0.0 0.0 3.87

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
I 16375.00	50.00	0.0	0.0	384.80	1200.00	393.26	208.21	393.57	81.68	0.0	0.0	5.41
I 16375.00	50.00	0.0	0.0	384.80	1200.00	394.14	256.77	394.38	50.06	423.98	474.05	4.69
J 17475.00	1100.00	0.0	0.0	394.70	1150.00	401.07	81.89	401.53	292.94	0.0	0.0	7.82
J 17475.00	1100.00	0.0	0.0	394.70	1150.00	402.00	66.34	403.33	43.01	491.41	534.42	10.68

No ENCROACH
9/11/70 RT

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH Q	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH
4000.000	2200.000	335.594	0.0	0.0	0.0	1610.532	0.0	4000.000
4000.000	2200.000	336.590	0.995	0.0	0.0	486.635	1123.897	4000.000
4050.000	2200.000	336.535	0.0	0.941	0.0	620.101	0.0	50.000
4050.000	2200.000	336.799	0.264	0.209	0.0	355.293	264.818	50.000
4300.000	2200.000	336.645	0.0	0.109	0.0	649.907	0.0	250.000
4300.000	2200.000	336.908	0.264	0.109	0.0	387.276	262.631	250.000
4350.000	2200.000	337.161	0.0	0.517	0.0	1705.452	0.0	50.000
4350.000	2200.000	337.633	0.472	0.725	0.0	599.999	1105.453	50.000
4400.000	2200.000	337.054	0.0	-0.107	0.0	61.249	0.0	50.000
4400.000	2200.000	336.619	-0.435	-1.013	0.0	20.001	41.248	50.000
4450.000	2200.000	338.343	0.0	1.289	0.0	76.638	0.0	90.000
4450.000	2200.000	339.842	1.499	3.223	0.0	94.543	-17.905	90.000
4540.000	2200.000	339.714	0.0	1.372	0.0	421.172	0.0	50.000
4540.000	2200.000	340.513	0.798	0.670	0.0	139.314	281.858	50.000
5800.000	2100.000	340.803	0.0	1.089	0.0	552.891	0.0	1260.000
5800.000	2100.000	341.451	0.648	0.939	0.0	478.001	74.890	1260.000
5850.000	2100.000	340.832	0.0	0.029	0.0	554.260	0.0	50.000
5850.000	2100.000	341.458	0.636	0.017	0.0	478.001	76.259	50.000
5875.000	2100.000	358.042	0.0	17.209	0.0	1241.842	0.0	25.000
5875.000	2100.000	358.677	0.636	17.209	0.0	680.240	561.601	25.000
5975.000	2100.000	358.042	0.0	0.0	0.0	1205.009	0.0	100.000
5975.000	2100.000	358.677	0.635	-0.000	0.0	647.291	557.719	100.000
9800.000	1880.000	357.419	0.0	-0.623	0.0	203.700	0.0	3825.000
9800.000	1880.000	358.371	0.953	-0.305	0.0	15.999	187.701	3825.000
9850.000	1880.000	358.407	0.0	0.988	0.0	132.122	0.0	50.000
9850.000	1880.000	362.583	4.176	4.212	0.0	166.999	-34.877	50.000
9875.000	1880.000	359.875	0.0	1.468	0.0	206.669	0.0	25.000
9875.000	1880.000	362.688	2.813	0.104	0.0	126.999	79.670	25.000
9925.000	1880.000	360.068	0.0	0.193	0.0	316.454	0.0	50.000
9925.000	1880.000	362.752	2.684	0.064	0.0	279.999	36.455	50.000
16200.000	1200.000	390.195	0.0	30.127	0.0	50.986	0.0	6275.000
16200.000	1200.000	390.388	0.193	27.636	0.0	17.001	33.985	6275.000
16250.000	1200.000	392.104	0.0	1.910	0.0	104.899	0.0	50.000
16250.000	1200.000	393.508	1.404	3.120	0.0	49.993	54.907	50.000

16325.000	1200.000	393.113	0.0	1.009	0.0	128.791	0.0	75.000
16325.000	1200.000	394.113	0.999	0.605	0.0	162.776	-33.985	75.000
16375.000	1200.000	393.261	0.0	0.148	0.0	81.685	0.0	50.000
16375.000	1200.000	394.136	0.875	0.023	0.0	50.063	31.622	50.000
17475.000	1150.000	401.070	0.0	7.809	0.0	292.938	0.0	1100.000
17475.000	1150.000	402.001	0.932	7.866	0.0	43.008	249.931	1100.000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE ENC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
1	0.0	0.0	119.812	0.0
2	4.000	0.701	67.578	-52.235