

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

100 YEAR FLOODWAY

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	
9	1200.00	1200.00	0.0	0.0	209.00	2820.00	216.92	511.87	217.05	305.62	0.0	0.0	4.52
10	1200.00	1200.00	0.0	0.0	209.00	2820.00	217.92	522.46	218.10	150.95	309.53	460.48	4.83
12	2750.00	1550.00	0.0	0.0	213.90	2820.00	221.51	520.61	221.69	292.21	0.0	0.0	4.85
13	2750.00	1550.00	0.0	0.0	213.90	2820.00	222.34	527.77	222.60	123.61	152.77	276.39	5.16
15	2800.00	50.00	0.0	0.0	213.60	2820.00	220.36	152.36	222.68	46.00	0.0	0.0	12.22
16	2800.00	50.00	0.0	0.0	213.60	2820.00	221.83	225.13	223.22	46.00	150.00	196.00	9.46
18	2825.00	25.00	0.0	0.0	213.60	2820.00	220.81	174.18	222.76	46.00	0.0	0.0	11.20
19	2825.00	25.00	0.0	0.0	213.60	2820.00	222.28	249.14	223.49	46.00	150.00	196.00	8.85
21	2875.00	50.00	0.0	0.0	214.30	2820.00	223.03	769.19	223.13	326.97	0.0	0.0	3.63
22	2875.00	50.00	0.0	0.0	214.30	2820.00	223.62	711.29	223.77	145.15	149.40	294.55	4.11
24	4995.00	2120.00	0.0	0.0	219.60	2820.00	228.86	284.10	229.31	299.94	0.0	0.0	7.96
25	4995.00	2120.00	0.0	0.0	219.60	2820.00	229.83	308.57	230.37	136.90	232.19	369.09	7.97
27	7595.00	2600.00	0.0	0.0	228.30	2370.00	236.65	692.49	236.70	388.36	0.0	0.0	2.83
28	7595.00	2600.00	0.0	0.0	228.30	2370.00	237.54	678.27	237.61	221.16	167.50	388.67	3.14

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH Q	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH	
A 32	1200.000	2820.000	216.923	0.0	0.0	0.0	305.616	0.0	1200.000
33	1200.000	2820.000	217.920	0.997	0.0	0.0	150.955	154.662	1200.000
B 35	2750.000	2820.000	221.507	0.0	4.583	0.0	292.207	0.0	1550.000
36	2750.000	2820.000	222.338	0.831	4.418	0.0	123.611	168.595	1550.000
38	2800.000	2820.000	220.364	0.0	-1.143	0.0	46.000	0.0	50.000
39	2800.000	2820.000	221.826	1.463	-0.511	0.0	46.000	0.0	50.000
41	2825.000	2820.000	220.814	0.0	0.450	0.0	46.000	0.0	25.000
42	2825.000	2820.000	222.277	1.463	0.450	0.0	46.000	0.0	25.000
C 44	2875.000	2820.000	223.029	0.0	2.215	0.0	326.972	0.0	50.000
45	2875.000	2820.000	223.315	0.586	1.339	0.0	145.155	181.817	50.000
D 47	4995.000	2820.000	228.859	0.0	5.830	0.0	299.944	0.0	2120.000
48	4995.000	2820.000	229.827	0.968	6.212	0.0	136.905	163.039	2120.000
E 50	7595.000	2370.000	236.650	0.0	7.791	0.0	388.356	0.0	2600.000
51	7595.000	2370.000	237.542	0.893	7.716	0.0	221.164	167.192	2600.000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE	ENC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
1		0.0	0.0	46.868	0.0
2		4.000	0.301	22.668	-24.200

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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 TRIB. 7 BASIN 6 NEUSE RIVER TRIB.  
 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	FQ
	-10.	6.	0.	0.	0.0	0.0	0.0	0.	217.920	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= 511.87 WSEL= 216.92 ENC Q1= 511.87 WSEL= 217.92 RATIO= 0.0

NAT Q1=	741.	RATIOS LOB,CH,ROB=		0.5350	0.1473	0.3178	WSEL=		217.92
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

3470 ENCR0ACHMENT STATIONS=	309.5	460.5	TYPE=	4	TARGET=	0.309			
1200.00	8.92	217.92	0.0	216.92	218.10	0.18	0.0	0.0	212.90
2820.	1352.	588.	879.	475.	122.	278.	0.	0.	211.90
0.0	2.85	4.83	3.16	0.085	0.060	0.085	0.0	209.00	309.53
0.002913	1200.	1200.	1200.	0	0	1	0.0	150.95	460.48

2800 NAT Q1= 520.61 WSEL= 221.51 ENC Q1= 520.61 WSEL= 222.51 RATIO= 0.0  
 NAT Q1= 740. RATIOS LOB,CH,ROB= 0.1206 0.3262 0.5532 WSEL= 222.51

3470 ENCR0ACHMENT STATIONS=	152.8	276.4	TYPE=	4	TARGET=	0.296			
2750.00	8.44	222.34	0.0	221.51	222.60	0.26	4.47	0.02	215.50
2820.	290.	1244.	1286.	96.	241.	433.	29.	5.	215.60
0.11	3.03	5.16	2.97	0.085	0.060	0.085	0.060	213.90	152.77
0.002855	1550.	1550.	1550.	4	0	1	0.0	123.61	276.39

IHC209I IBCOM - PROGRAM INTERRUPT (P) - DIVIDE CHECK OLD PSW IS FFB5000F4207CA7C . REGISTER CONTAINED 0000000000000000

TRACEBACK ROUTINE CALLED FROM ISN REG. 14 REG. 15 REG. 0 REG. 1

MAIN 00012962 01075BC0 FD000008 000F1FF8

ENTRY POINT= 01075BC0

STANDARD FIXUP TAKEN , EXECUTION CONTINUING  
 2800 NAT Q1= 152.36 WSEL= 220.36 ENC Q1= 201.18 WSEL= 221.36 RATIO= -0.3204





1 SUMMARY PRINTOUT FOR MULTIPLE PROFILES 1

4 100 YEAR FLOODWAY 5

SECTION NUMBER	CHANNEL LENGTH	MIN FL OF ROADWAY	MAX FL OF LOW CHORD	MIN EL GROUND	DISCHARGE (CFS)	CWSEL	TQ	EG	TOPWID	STENCL	STENCR	VCH	
A	1200.00	1200.00	0.0	0.0	209.00	2820.00	216.92	511.87	217.05	305.62	0.0 <sup>408</sup>	0.0	4.52
	1200.00	1200.00	0.0	0.0	209.00	2820.00	217.92	522.46	218.10	150.95	309.53 <sup>92</sup>	460.48 <sup>32</sup>	4.83
B	2750.00	1550.00	0.0	0.0	213.90	2820.00	221.51	520.61	221.69	292.21	0.0 <sup>182</sup>	0.0 <sup>74</sup>	4.85
	2750.00	1550.00	0.0	0.0	213.90	2820.00	222.34	527.77	222.60	123.61	152.77 <sup>29</sup>	276.39 <sup>94</sup>	5.16
	2800.00	50.00	0.0	0.0	213.60	2820.00	220.36	152.36	222.68	46.00	0.0	0.0	12.22
	2800.00	50.00	0.0	0.0	213.60	2820.00	221.83	225.13	223.22	46.00	150.00	196.00	9.46
	2825.00	25.00	0.0	0.0	213.60	2820.00	220.81	174.18	222.76	46.00	0.0	0.0	11.20
	2825.00	25.00	0.0	0.0	213.60	2820.00	222.28	249.14	223.49	46.00	150.00	196.00	8.85
C	2875.00	50.00	0.0	0.0	214.30	2820.00	223.03	769.19	223.13	326.97	330.0 <sup>182</sup>	0.0 <sup>112</sup>	3.63
	2875.00	50.00	0.0	0.0	214.30	2820.00	223.62	711.29	223.77	145.15	149.40	294.55	4.11
D	4995.00	2120.00	0.0	0.0	219.60	2820.00	228.86	284.10	229.31	299.94	0.0 <sup>32</sup>	0.0 <sup>281</sup>	7.96
	4995.00	2120.00	0.0	0.0	219.60	2820.00	229.83	308.57	230.37	136.90	232.19	369.09	7.97
E	7595.00	2600.00	0.0	0.0	228.30	2370.00	236.65	692.49	236.70	388.36	0.0 <sup>49</sup>	0.0 <sup>88</sup>	2.83
	7595.00	2600.00	0.0	0.0	228.30	2370.00	237.54	678.27	237.61	221.16	167.50 <sup>102</sup>	388.67 <sup>119</sup>	3.14

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH Q	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH
1200.000	2820.000	216.923	0.0	0.0	0.0	305.616	0.0	1200.000
1200.000	2820.000	217.920	0.997 ✓	0.0	0.0	150.955	154.662	1200.000
2750.000	2820.000	221.507	0.0	4.583	0.0	292.207	0.0	1550.000
2750.000	2820.000	222.333	0.831 ✓	4.418	0.0	123.611	168.595	1550.000
2800.000	2820.000	220.364	0.0	-1.143	0.0	46.000	0.0	50.000
2800.000	2820.000	221.826	1.462 ✓	-0.511	0.0	46.000	0.0	50.000
2825.000	2820.000	220.814	0.0	0.450	0.0	46.000	0.0	25.000
2825.000	2820.000	222.277	1.463 ✓	0.450	0.0	46.000	0.0	25.000
2875.000	2820.000	223.029	0.0	2.215	0.0	326.972	0.0	50.000
2875.000	2820.000	223.615	0.586 ✓	1.339	0.0	145.155	181.817	50.000
4995.000	2820.000	228.859	0.0	5.830	0.0	299.944	0.0	2120.000
4995.000	2820.000	229.827	0.968 ✓	6.212	0.0	136.905	163.039	2120.000
7595.000	2370.000	236.650	0.0	7.791	0.0	388.356	0.0	2600.000
7595.000	2370.000	237.542	0.893 ✓	7.716	0.0	221.164	167.192	2600.000

53 DATA FOR LAST CROSS SECTION

PROFILE	TYPE	CLC	TARGET	TOP WIDTH	TOP WIDTH
				AREA-ACRES	AREA-DIFF
1	0.0	0.0	46.868	0.0	
2	4.000	0.301	22.668	-24.200	

1 \*\*\*\*\*  
 2 HEC2 VERSION UPDATED JAN 1975  
 3 ERROR CORRECTIONS 01,02,03,04,05,06,07,08  
 4 MODIFICATIONS 52,53,54,55,56,57,58  
 5 \*\*\*\*\*  
 6

10 T1 IRIE. 7 BASIN & NEUSE RIVER TRIB.  
 11 T2 FLOODPLAIN STUDY AT WAKE COUNTY M-G JOB NO.6855  
 12 T3 100 YEAR FLOODWAY

14	J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
16		-10.	6.	0.	0.	0.0	0.0	0.0	0.	217.920	0.0
18	J2	NPROF	IPLUT	PREVS	XSECV	XSECH	FN	ALLDC	IBW	CHN1M	ITRACE
20		15.000	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0

23 CCHV= 0.100 CEHV= 0.300  
 24 2800 NAT Q1= 511.97 WSEL= 216.92 ENC Q1= 511.87 WSEL= 217.92 RATIO= 0.0

25 NAT Q1= 741. RATIOS LOB,CH,ROB= 0.5350 0.1473 0.3178 WSEL= 217.92

26	SELNO	DEPTH	CWSEL	CRWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
27	Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
28	TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
29	SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENUST

33 3470 ENCROACHMENT STATIONS= 309.5 460.5 TYPE= 4 TARGET= 0.309

34	1200.00	8.92	217.92	0.0	216.92	218.10	0.18	0.0	0.0	212.90
35	2820.	1352.	588.	879.	475.	122.	278.	0.	0.	211.90
36	0.0	2.85	4.83	3.16	0.085	0.060	0.085	0.0	209.00	309.53
37	0.002915	1200.	1200.	1200.	0	0	1	0.0	150.95	460.48

40 2800 NAT Q1= 520.61 WSEL= 221.51 ENC Q1= 520.61 WSEL= 222.51 RATIO= 0.0  
 41 NAT Q1= 740. RATIOS LOB,CH,ROB= 0.1206 0.3262 0.5532 WSEL= 222.51

43 3470 ENCROACHMENT STATIONS= 152.8 276.4 TYPE= 4 TARGET= 0.296

44	2750.00	8.44	222.34	0.0	221.51	222.60	0.26	4.47	0.02	215.50
45	2820.	230.	1244.	1286.	96.	241.	433.	29.	5.	215.60
46	0.11	3.03	5.14	2.97	0.085	0.060	0.085	0.060	213.90	152.77
47	0.002855	1550.	1550.	1550.	4	0	1	0.0	123.61	276.39

51 IHC209I IBCOM - PROGRAM INTERRUPT (P) - DIVIDE CHECK OLD PSW IS FF7500DF4205D27C , REGISTER CONTAINED 0000000000000000

53 TRACEBACK ROUTINE CALLED FROM ISL REG. 14 REG. 15 REG. 0 REG. 1

55 MAIB 0001BEEA 010563C0 FD000008 000D27F8

57 ENTRY POINT= 010563C0

STANDARD FIXUP TAKEN , EXECUTION CONTINUING  
 2800 NAT Q1= 152.36 WSEL= 220.36 ENC Q1= 201.18 WSEL= 221.36 RATIO= -0.5204







2750.000	2820.000	221.507	0.666	4.583	0.0	292.207	-88.216	1550.000
2750.000	5240.000	223.336	1.829	4.610	0.0	348.781	-144.791	1550.000
2750.000	2820.000	50104.500	49881.160	0.0	0.0	74.822	129.169	1550.000
2800.000	1080.000	219.374	0.0	-0.039	0.0	46.000	0.0	50.000
2800.000	2150.000	220.298	0.924	-0.543	0.0	46.000	0.0	50.000
2800.000	2820.000	220.364	0.066	-1.143	0.0	46.000	0.0	50.000
2800.000	5240.000	224.316	3.952	0.980	0.0	239.765	-193.765	50.000
2800.000	2820.000	50104.500	49880.180	0.0	0.0	46.002	-0.002	50.000
2825.000	1080.000	219.424	0.0	0.050	0.0	46.000	0.0	25.000
2825.000	2150.000	220.554	1.131	0.257	0.0	46.000	0.0	25.000
2825.000	2820.000	220.814	0.260	0.450	0.0	46.000	0.0	25.000
2825.000	5240.000	224.454	3.640	0.138	0.0	249.396	-203.396	25.000
2825.000	2820.000	220.424	-4.030	-49884.070	0.0	46.000	0.0	25.000
2875.000	1080.000	220.073	0.0	0.649	0.0	216.400	0.0	50.000
2875.000	2150.000	222.008	1.935	1.454	0.0	295.296	-78.896	50.000
2875.000	2820.000	223.029	1.021	2.215	0.0	326.972	-110.572	50.000
2875.000	5240.000	226.228	3.199	1.774	0.0	422.800	-206.399	50.000
2875.000	2820.000	50104.719	49878.490	49884.290	0.0	81.962	134.439	50.000
4995.000	1080.000	227.550	0.0	7.477	0.0	251.551	0.0	2120.000
4995.000	2150.000	228.455	0.905	6.447	0.0	289.658	-38.106	2120.000
4995.000	2820.000	228.859	0.404	5.830	0.0	299.944	-48.412	2120.000
4995.000	5240.000	230.206	1.347	3.979	0.0	334.602	-83.071	2120.000
4995.000	2820.000	50104.719	49874.510	0.0	0.0	51.176	200.355	2120.000
7595.000	900.000	234.744	0.0	7.194	0.0	373.198	0.0	2600.000
7595.000	1800.000	236.018	1.274	7.563	0.0	383.500	-10.102	2600.000
7595.000	2370.000	236.650	0.632	7.791	0.0	388.556	-15.158	2600.000
7595.000	4550.000	238.431	1.781	8.225	0.0	417.987	-44.790	2600.000
7595.000	2370.000	50104.719	49866.280	0.0	0.0	149.271	223.927	2600.000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE ENC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
1	0.0	0.0	38.367	0.0
2	0.0	0.0	44.659	6.292
3	0.0	0.0	46.868	8.501
4	0.0	0.0	54.214	15.847
5	4.000	0.435	12.602	-25.765

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

100 YEAR FLOODWAY

*Sta. No.*

*Stream Bed*

*W.S. profiles*

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL GROUND	DISCHARGE (CFS)	CWSEL	TW	EG	TOPWID	STENCL	STENCR	VCH
1200.00 ✓	1200.00	0.0	0.0	209.00	1080.00	214.96	197.17	215.04	246.52	0.0	0.0	3.62
1200.00	1200.00	0.0	0.0	209.00	2150.00	216.28	390.98	216.59	287.03	0.0	0.0	4.24
1200.00	1200.00	0.0	0.0	209.00	2820.00	216.92	511.87	217.05	305.62	0.0	0.0	4.52
1200.00	1200.00	0.0	0.0	209.00	5240.00	218.73	958.62	218.90	351.49	0.0	0.0	5.21
1200.00	1200.00	0.0	0.0	209.00	2820.00	50104.50*****	50104.50		105.66	328.16	433.82	0.00
2750.00	1550.00	0.0	0.0	213.90	1080.00	219.41	204.33	219.54	203.99	0.0	0.0	3.73
2750.00	1550.00	0.0	0.0	213.90	2150.00	220.84	398.15	221.01	271.52	0.0	0.0	4.52
2750.00	1550.00	0.0	0.0	213.90	2820.00	221.51	520.61	221.69	292.21	0.0	0.0	4.85
2750.00	1550.00	0.0	0.0	213.90	5240.00	223.34	953.25	223.57	348.78	0.0	0.0	5.75
2750.00	1550.00	0.0	0.0	213.90	2820.00	50104.50*****	50104.50		74.82	169.00	243.82	0.00
2800.00	50.00	0.0	0.0	213.60	1080.00	219.37	108.31	219.90	46.00	0.0	0.0	5.83
2800.00	50.00	0.0	0.0	213.60	2150.00	220.30	149.29	221.68	46.00	0.0	0.0	9.44
2800.00	50.00	0.0	0.0	213.60	2820.00	220.36	152.36	222.68	46.00	0.0	0.0	12.22
2800.00	50.00	0.0	0.0	213.60	5240.00	224.32	420.21	226.05	239.76	0.0	0.0	11.22
2800.00	50.00	0.0	0.0	213.60	2820.00	50104.50*****	50104.50		46.00	150.00	196.00	0.00
2825.00	25.00	222.70	222.90	213.60	1080.00	219.42	110.39	219.94	46.00	0.0	0.0	5.76
2825.00	25.00	222.70	222.90	213.60	2150.00	220.55	161.31	221.81	46.00	0.0	0.0	8.98
2825.00	25.00	222.70	222.90	213.60	2820.00	220.81	174.18	222.76	46.00	0.0	0.0	11.20
2825.00	25.00	222.70	222.90	213.60	5240.00	224.45	438.79	226.05	249.40	0.0	0.0	10.85
2825.00	25.00	222.70	222.90	213.60	2820.00	220.42	155.12	50104.50	46.00	0.0	0.0	12.08
2875.00	50.00	0.0	0.0	214.30	1080.00	220.07	233.85	220.18	216.40	0.0	0.0	3.37
2875.00	50.00	0.0	0.0	214.30	2150.00	222.01	540.51	222.11	295.30	0.0	0.0	3.59
2875.00	50.00	0.0	0.0	214.30	2820.00	223.03	769.19	223.13	326.97	0.0	0.0	3.63
2875.00	50.00	0.0	0.0	214.30	5240.00	226.23	1804.79	226.31	422.80	0.0	0.0	3.59
2875.00	50.00	0.0	0.0	214.30	2820.00	50104.72*****	50104.72		81.96	169.00	250.96	0.00
4995.00 ✓	2120.00	0.0	0.0	219.60	1080.00	227.55	125.58	227.91	251.53	0.0	0.0	6.05
4995.00	2120.00	0.0	0.0	219.60	2150.00	228.45	226.40	228.87	289.64	0.0	0.0	7.33
4995.00	2120.00	0.0	0.0	219.60	2820.00	228.86	284.10	229.31	299.94	0.0	0.0	7.96
4995.00	2120.00	0.0	0.0	219.60	5240.00	230.21	531.70	230.70	334.60	0.0	0.0	8.85
4995.00	2120.00	0.0	0.0	219.60	2820.00	50104.72*****	50104.72		51.18	270.00	321.18	0.00
7595.00 ✓	2600.00	0.0	0.0	228.30	900.00	234.74	260.75	234.77	373.20	0.0	0.0	2.29
7595.00	2600.00	0.0	0.0	228.30	1800.00	236.02	526.69	236.06	383.30	0.0	0.0	2.65
7595.00	2600.00	0.0	0.0	228.30	2370.00	236.65	692.49	236.70	388.36	0.0	0.0	2.83
7595.00	2600.00	0.0	0.0	228.30	4550.00	238.43	1260.30	238.50	417.99	0.0	0.0	3.49
7595.00	2600.00	0.0	0.0	228.30	2370.00	50104.72*****	50104.72		149.27	189.10	338.37	0.00

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH W	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH
1200.000	1080.000	214.959	0.0	0.0	0.0	246.520	0.0	1200.000
1200.000	2150.000	216.279	1.319	0.0	0.0	287.032	-40.513	1200.000
1200.000	2820.000	216.923	0.645	0.0	0.0	305.616	-59.097	1200.000
1200.000	5240.000	213.726	1.803	0.0	0.0	351.491	-104.972	1200.000
1200.000	2820.000	50104.500	49885.770	0.0	0.0	105.665	140.855	1200.000
2750.000	1080.000	219.413	0.0	4.454	0.0	203.991	0.0	1550.000
2750.000	2150.000	220.840	1.428	4.562	0.0	271.517	-67.526	1550.000

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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 IRIB, 7 BASIN 6 NEUSE RIVER TRIB.  
 T2 FLOODPLAIN STUDY AT WAKE COUNTY M-G JOB NO.6855  
 T3 100 YEAR FLOODWAY

J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-10.	6.	0.	0.	0.0	0.0	0.0	0.	0.0	0.0
J2	NPROF	IPLOT	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 NAI Q1= 197.17 WSEL= 214.96 ENC Q1= 197.17 WSEL= 215.96 RATIO= 0.0  
 NAT Q1= 337. RADIUS LOB,CH,ROB= 0.4814 0.2039 0.3147 WSEL= 215.96  
 2096 WSEL NOT GIVEN,AVG OF MAX,MIN USED  
 3280 CROSS SECTION 1200.00 EXTENDED 49877.50 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

3470 ENCKOACHMENT STATIONS= 328.2 433.8 TYPE= 4 TARGET= 0.415  
 1200.00 49895.50 50104.50 0.0 214.96 50104.50 0.00 0.0 0.0 212.90  
 2820. 1847. 489. 484. 3584452. 748420. 938947. 0. 0. 211.90  
 0.0 0.00 0.00 0.00 0.085 0.060 0.085 0.0 209.00 328.16  
 0.000000 1200. 1200. 1200. 0 0 1 0.0 105.66 433.82

2800 NAI Q1= 204.33 WSEL= 219.41 ENC Q1= 204.33 WSEL= 220.41 RATIO= 0.0  
 NAT Q1= 331. RADIUS LOB,CH,ROB= 0.1097 0.4377 0.4527 WSEL= 220.41  
 3685 20 TRIALS USED WSEL,CWSEL  
 3280 CROSS SECTION 2750.00 EXTENDED 49874.90 FEET

3470 ENCKOACHMENT STATIONS= 169.0 243.8 TYPE= 4 TARGET= 0.384  
 2750.00 49890.60 50104.50 0.0 219.41 50104.50 0.00 0.00 0.00 215.50  
 2820. 0. 1406. 1414. 13. 1546587. 2186172. 160206. 3. 215.60  
 553.70 0.00 0.00 0.00 0.085 0.060 0.085 0.060 215.90 169.00  
 0.000000 1550. 1550. 1550. 21 0 1 0.0 74.82 243.82

2800 NAI Q1= 108.31 WSEL= 219.37 ENC Q1= 152.76 WSEL= 220.37 RATIO= -0.4103  
 NAT Q1= 153. RADIUS LOB,CH,ROB= 0.0 1.0000 0.0 WSEL= 220.37  
 3685 20 TRIALS USED WSEL,CWSEL

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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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I1 IRIB. 7 BASIN 6 NEUSE RIVER TRIB.  
 I2 FLOODPLAIN STUDY AT WAKE COUNTY M-G JOB NO.6855  
 I3 500 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-10.	5.	0.	0.	0.003000	0.0	0.0	0.	219.000	0.0
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	4.000	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CCHV= 0.100 CEHV= 0.300

SECNO	DEPTH	CWSEL	CRISW	WSELK	EG	HV	HL	OLUSS	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	ENUST
1200.00	9.73	218.73	0.0	219.00	218.90	0.17	0.0	0.0	212.90
5240.	2882.	698.	1661.	1019.	134.	547.	0.	0.	211.90
0.0	2.83	5.21	3.04	0.085	0.060	0.085	0.0	209.00	175.77
0.002988	1200.	1200.	1200.	0	0	4	0.0	351.49	527.26
2750.00	9.44	223.34	0.0	0.0	223.57	0.24	4.66	0.02	215.50
5240.	646.	1563.	3031.	231.	272.	1086.	59.	12.	215.60
0.12	2.79	5.75	2.79	0.085	0.060	0.085	0.060	213.90	114.42
0.003022	1550.	1550.	1550.	1	0	1	0.0	348.78	463.20

5685 20 TRIALS USED WSEL,CWSEL

7185 MIN SPECIFIC ENERGY

5/20 ASSUMED CRITICAL DEPTH

SECNO	DEPTH	CWSEL	CRISW	WSELK	EG	HV	HL	OLUSS	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	ENUST
2800.00	10.72	224.32	224.32	0.0	226.05	1.74	0.29	0.0	224.40
5240.	0.	4627.	613.	0.	412.	235.	60.	13.	223.00
0.12	0.0	11.22	2.61	0.085	0.060	0.085	0.060	215.60	150.00
0.015550	50.	50.	50.	30	11	1	0.0	239.76	389.76

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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 TRIB. 7 BASIN 6 NEUSE RIVER TRIB.  
 T2 FLOODPLAIN STUDY AT WAKE COUNTY M-G JOB NO.6855  
 T3 100 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	-10.	4.	0.	0.	0.003000	0.0	0.0	0.	216.000	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							
SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	ULOSS	BANK ELEV	
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT	
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSIA	
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	
1200.00	7.92	216.92	0.0	216.00	217.05	0.13	0.0	0.0	212.90	
2820.	1437.	483.	900.	640.	107.	360.	0.	0.	211.90	
0.0	2.24	4.52	2.50	0.085	0.060	0.085	0.0	209.00	205.77	
0.003035	1200.	1200.	1200.	0	0	4	0.0	305.62	511.58	
2750.00	7.61	221.51	0.0	0.0	221.69	0.18	4.63	0.02	215.50	
2820.	329.	1045.	1446.	142.	216.	646.	38.	11.	215.60	
0.13	2.32	4.85	2.23	0.085	0.060	0.085	0.060	213.90	125.49	
0.002934	1550.	1550.	1550.	2	0	1	0.0	292.21	417.70	

3301 HV CHANGED MORE THAN HVINS

OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA=	222.90	ELREA=	221.60						
2800.00	6.76	220.36	0.0	0.0	222.68	2.52	0.35	0.64	224.40
2820.	0.	2820.	0.	0.	231.	0.	38.	11.	223.00
0.14	0.0	12.22	0.0	0.085	0.060	0.085	0.060	213.60	150.00
0.034256	50.	50.	50.	4	0	1	0.0	46.00	196.00

SPECIAL BRIDGE

5070, VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB	XK	XKOR	COFQ	RDLN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.90	1.50	2.60	0.0	46.00	2.00	317.50	0.0	213.60	213.60

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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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11 TRIB. 7 BASIN 6 NEUSE RIVER TRIB.  
 12 FLOODPLAIN STUDY AT WAKE COUNTY M-G JOB NO.6855  
 13 50 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FW
	-10.	3.	0.	0.	0.003000	0.0	0.0	0.	215.000	0.0
J2	NPROF	IPL0T	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

CCHV=	0.100	CEHV=	0.300							
SECNO	DEPTH	CWSEL	CRISW	WSELK	EG	HV	HL	GLUSS	BANK ELEV	
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT	
TIME	VL0B	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSIA	
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	
1200.00	7.28	216.28	0.0	215.00	216.39	0.11	0.0	0.0	212.90	
2150.	1058.	411.	681.	520.	97.	299.	0.	0.	211.90	
0.0	2.04	4.24	2.28	0.085	0.060	0.085	0.0	209.00	219.20	
0.003024	1200.	1200.	1200.	0	0	4	0.0	287.03	506.23	
2750.00	6.94	220.84	0.0	0.0	221.01	0.17	4.60	0.02	215.50	
2150.	243.	881.	1025.	114.	195.	508.	31.	10.	215.60	
0.14	2.13	4.52	2.02	0.085	0.060	0.085	0.060	213.90	129.54	
0.002916	1550.	1550.	1550.	2	0	1	0.0	271.52	401.06	

3301 HV CHANGED MORE THAN HVINS

OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA=	222.90	ELREA=	221.60							
2800.00	6.70	220.30	0.0	0.0	221.68	1.38	0.31	0.36	224.40	
2150.	0.	2150.	0.	0.	228.	0.	31.	10.	223.00	
0.14	0.0	9.44	0.0	0.085	0.060	0.085	0.060	213.60	150.00	
0.020740	50.	50.	50.	3	0	1	0.0	46.00	196.00	

SPECIAL BRIDGE

50% VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED										
SB	XK	XKOR	COFQ	RDLN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.90	1.50	2.60	0.0	46.00	2.00	317.50	0.0	213.60	213.60

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

10 YEAR FLOOD WATER SURF

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL GROUND	DISCHARGE (CFS)	CWSEL	TW	EG	TOPWID	STENCL	STENCR	VCH
1200.00	1200.00	0.0	0.0	209.00	1080.00	214.96	197.17	215.04	246.52	0.0	0.0	3.62
2750.00	1550.00	0.0	0.0	213.90	1080.00	219.41	204.33	219.54	203.99	0.0	0.0	3.73
2800.00	50.00	0.0	0.0	213.60	1080.00	219.37	108.31	219.90	46.00	0.0	0.0	5.83
2825.00	25.00	222.70	222.90	213.60	1080.00	219.42	110.39	219.94	46.00	0.0	0.0	5.76
2875.00	50.00	0.0	0.0	214.30	1080.00	220.07	233.85	220.18	216.40	0.0	0.0	3.37
4995.00	2120.00	0.0	0.0	219.60	1080.00	227.55	125.58	227.91	251.53	0.0	0.0	6.05
7595.00	2600.00	0.0	0.0	228.30	900.00	234.74	260.75	234.77	373.20	0.0	0.0	2.29

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH Q	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH
1200.000	1080.000	214.959	0.0	0.0	0.0	246.520	0.0	1200.000
2750.000	1080.000	219.413	0.0	4.454	0.0	203.991	0.0	1550.000
2800.000	1080.000	219.374	0.0	-0.039	0.0	46.000	0.0	50.000
2825.000	1080.000	219.424	0.0	0.050	0.0	46.000	0.0	25.000
2875.000	1080.000	220.073	0.0	0.649	0.0	216.400	0.0	50.000
4995.000	1080.000	227.550	0.0	7.477	0.0	251.531	0.0	2120.000
7595.000	900.000	234.744	0.0	7.194	0.0	373.198	0.0	2600.000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE ENC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
1	0.0	0.0	38.367	0.0

12914.000	1200.000	436.464	2.037	84.692	0.0	63.586	-33.971	3864.000
12914.000	1630.000	437.282	0.818	85.270	0.0	94.014	-64.399	3864.000
12914.000	3100.000	439.002	1.720	86.259	0.0	156.951	-127.336	3864.000
12964.000	570.000	437.440	0.0	3.013	0.0	85.328	0.0	50.000
12964.000	1200.000	437.783	0.343	1.319	0.0	95.751	-10.423	50.000
12964.000	1630.000	438.658	0.876	1.376	0.0	121.646	-36.318	50.000
12964.000	3100.000	440.579	1.920	1.576	0.0	178.745	-93.417	50.000
13000.000	570.000	438.649	0.0	1.208	0.0	121.197	0.0	36.000
13000.000	1200.000	439.338	0.689	1.555	0.0	141.664	-20.467	36.000
13000.000	1630.000	439.739	0.402	1.081	0.0	153.629	-32.433	36.000
13000.000	3100.000	440.891	1.152	0.312	0.0	188.190	-66.993	36.000
13050.000	570.000	438.709	0.0	0.061	0.0	131.635	0.0	50.000
13050.000	1200.000	439.406	0.777	0.149	0.0	159.979	-28.343	50.000
13050.000	1630.000	439.940	0.454	0.201	0.0	177.250	-45.614	50.000
13050.000	3100.000	441.218	1.278	0.327	0.0	230.391	-98.755	50.000
13250.000	570.000	447.657	0.0	8.948	0.0	214.021	0.0	200.000
13250.000	1200.000	447.966	0.309	8.479	0.0	404.604	-190.583	200.000
13250.000	1630.000	448.131	0.165	8.191	0.0	409.049	-195.028	200.000
13250.000	3100.000	448.574	0.443	7.356	0.0	420.972	-206.951	200.000
13300.000	570.000	447.904	0.0	0.248	0.0	403.056	0.0	50.000
13300.000	1200.000	448.346	0.442	0.381	0.0	414.927	-11.871	50.000
13300.000	1630.000	448.593	0.247	0.462	0.0	421.587	-18.531	50.000
13300.000	3100.000	449.261	0.668	0.687	0.0	439.579	-36.523	50.000
14050.000	570.000	449.898	0.0	1.994	0.0	143.000	0.0	750.000
14050.000	1200.000	451.167	1.268	2.820	0.0	260.375	-117.374	750.000
14050.000	1630.000	451.734	0.567	3.141	0.0	283.678	-140.678	750.000
14050.000	3100.000	453.084	1.350	3.823	0.0	321.396	-178.396	750.000

DATA FOR LAST CROSS SECTION  
PROFILE TYPE ENC

PROFILE	TYPE ENC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
1	0.0	0.0	49.291	0.0
2	0.0	0.0	57.096	7.805
3	0.0	0.0	60.778	11.487
4	0.0	0.0	68.164	18.873



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
13050.00	50.00	0.0	0.0	428.80	570.00	438.71	177.36	438.79	131.64	0.0	0.0	2.59
13050.00	50.00	0.0	0.0	428.80	1200.00	439.49	235.51	439.69	159.98	0.0	0.0	4.41
13050.00	50.00	0.0	0.0	428.80	1630.00	439.94	277.55	440.22	177.25	0.0	0.0	5.27
13050.00	50.00	0.0	0.0	428.80	3100.00	441.22	437.24	441.65	230.39	0.0	0.0	7.01
13250.00	200.00	0.0	0.0	445.10	570.00	447.66	25.33	447.89	214.02	0.0	0.0	7.22
13250.00	200.00	0.0	0.0	445.10	1200.00	447.97	43.71	448.33	404.60	0.0	0.0	9.63
13250.00	200.00	0.0	0.0	445.10	1630.00	448.13	58.26	448.55	409.05	0.0	0.0	10.25
13250.00	200.00	0.0	0.0	445.10	3100.00	448.57	109.41	449.17	420.97	0.0	0.0	11.52
13300.00	50.00	446.30	446.60	445.10	570.00	447.90	39.30	448.00	403.06	0.0	0.0	5.01
13300.00	50.00	446.30	446.60	445.10	1200.00	448.35	81.39	448.48	414.93	0.0	0.0	5.70
13300.00	50.00	446.30	446.60	445.10	1630.00	448.59	112.49	448.75	421.59	0.0	0.0	5.92
13300.00	50.00	446.30	446.60	445.10	3100.00	449.26	220.11	449.50	439.58	0.0	0.0	6.55
14050.00	750.00	0.0	0.0	442.90	570.00	449.90	184.87	449.95	143.00	0.0	0.0	2.14
14050.00	750.00	0.0	0.0	442.90	1200.00	451.17	313.03	451.26	260.37	0.0	0.0	3.11
14050.00	750.00	0.0	0.0	442.90	1630.00	451.73	394.94	451.85	283.68	0.0	0.0	3.56
14050.00	750.00	0.0	0.0	442.90	3100.00	453.08	655.79	453.26	321.40	0.0	0.0	4.61

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH Q	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH
800.000	570.000	262.972	0.0	0.0	0.0	67.927	0.0	800.000
800.000	1200.000	264.364	1.392	0.0	0.0	92.036	-24.110	800.000
800.000	1630.000	265.058	0.694	0.0	0.0	99.305	-31.379	800.000
800.000	3100.000	266.797	1.739	0.0	0.0	117.515	-49.589	800.000
4000.000	570.000	299.318	0.0	36.346	0.0	93.100	0.0	3200.000
4000.000	1200.000	300.466	1.148	36.103	0.0	113.094	-19.994	3200.000
4000.000	1630.000	301.041	0.575	35.983	0.0	123.019	-29.918	3200.000
4000.000	3100.000	302.566	1.525	35.769	0.0	146.235	-53.135	3200.000
5900.000	570.000	325.679	0.0	26.361	0.0	203.550	0.0	1900.000
5900.000	1200.000	326.365	0.687	25.899	0.0	232.719	-29.169	1900.000
5900.000	1630.000	326.738	0.372	25.697	0.0	244.072	-40.522	1900.000
5900.000	3100.000	327.698	0.960	25.131	0.0	253.442	-49.892	1900.000
5950.000	570.000	326.270	0.0	0.592	0.0	228.659	0.0	50.000
5950.000	1200.000	327.014	0.744	0.648	0.0	246.773	-18.114	50.000
5950.000	1630.000	327.401	0.388	0.664	0.0	250.552	-21.893	50.000
5950.000	3100.000	328.420	1.019	0.722	0.0	260.480	-31.821	50.000
6000.000	570.000	340.511	0.0	14.241	0.0	370.876	0.0	50.000
6000.000	1200.000	341.243	0.731	14.229	0.0	373.272	-2.396	50.000
6000.000	1630.000	341.582	0.339	14.180	0.0	374.384	-3.508	50.000
6000.000	3100.000	342.444	0.862	14.024	0.0	377.216	-6.340	50.000
6050.000	570.000	340.511	0.0	0.0	0.0	370.548	0.0	50.000
6050.000	1200.000	341.243	0.732	0.000	0.0	372.943	-2.395	50.000
6050.000	1630.000	341.582	0.339	0.000	0.0	374.052	-3.504	50.000
6050.000	3100.000	342.445	0.863	0.001	0.0	376.876	-6.328	50.000
9050.000	570.000	351.269	0.0	10.758	0.0	198.895	0.0	3000.000
9050.000	1200.000	351.771	0.502	10.529	0.0	220.275	-21.381	3000.000
9050.000	1630.000	352.012	0.241	10.430	0.0	230.519	-31.624	3000.000
9050.000	3100.000	352.743	0.731	10.299	0.0	248.795	-49.901	3000.000
12914.000	570.000	434.427	0.0	83.158	0.0	29.615	0.0	3864.000

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 GROUND	DISCHARGE (CFS)	CWSEL	TO	EG	TOPWID	STENCL	STENCR	VCH	
A	800.00	800.00	0.0	0.0	257.00	570.00	262.97	51.95	263.50	67.93	0.0	0.0	5.91
	800.00	800.00	0.0	0.0	257.00	1200.00	264.36	108.53	265.07	92.04	0.0	0.0	7.41
	800.00	800.00	0.0	0.0	257.00	1630.00	265.06	148.74	265.83	99.31	0.0	0.0	8.02
	800.00	800.00	0.0	0.0	257.00	3100.00	266.80	282.62	267.77	117.52	0.0	0.0	9.59
B	<del>4500.00</del>	<del>3200.00</del>	<del>0.0</del>	<del>0.0</del>	<del>293.50</del>	<del>570.00</del>	<del>299.32</del>	<del>55.38</del>	<del>299.62</del>	<del>93.10</del>	<del>0.0</del>	<del>0.0</del>	<del>4.46</del>
	4000.00	3200.00	0.0	0.0	293.50	1200.00	300.47	118.30	300.92	113.09	0.0	0.0	5.69
	4000.00	3200.00	0.0	0.0	293.50	1630.00	301.04	159.78	301.58	123.02	0.0	0.0	6.32
	4000.00	3200.00	0.0	0.0	293.50	3100.00	302.57	305.94	303.30	146.24	0.0	0.0	7.74
C	<del>6400.00</del>	<del>1900.00</del>	<del>0.0</del>	<del>0.0</del>	<del>320.60</del>	<del>570.00</del>	<del>325.68</del>	<del>41.61</del>	<del>325.88</del>	<del>203.55</del>	<del>0.0</del>	<del>0.0</del>	<del>7.43</del>
	5900.00	1900.00	0.0	0.0	320.60	1200.00	326.37	88.21	326.60	232.72	0.0	0.0	8.09
	5900.00	1900.00	0.0	0.0	320.60	1630.00	326.74	122.20	327.00	244.07	0.0	0.0	8.31
	5900.00	1900.00	0.0	0.0	320.60	3100.00	327.70	237.65	328.06	253.44	0.0	0.0	9.02
	5950.00	50.00	0.0	0.0	320.60	570.00	326.27	80.55	326.33	228.66	0.0	0.0	4.16
	5950.00	50.00	0.0	0.0	320.60	1200.00	327.01	151.83	327.12	246.77	0.0	0.0	5.08
	5950.00	50.00	0.0	0.0	320.60	1630.00	327.40	198.31	327.53	250.55	0.0	0.0	5.51
	5950.00	50.00	0.0	0.0	320.60	3100.00	328.42	346.76	328.64	260.48	0.0	0.0	6.63
	6000.00	50.00	336.30	322.70	320.60	570.00	340.51	4718.11	340.51	370.88	0.0	0.0	0.17
	6000.00	50.00	336.30	322.70	320.60	1200.00	341.24	5145.52	341.24	373.27	0.0	0.0	0.34
	6000.00	50.00	336.30	322.70	320.60	1630.00	341.58	5349.24	341.58	374.38	0.0	0.0	0.45
	6000.00	50.00	336.30	322.70	320.60	3100.00	342.44	5883.92	342.45	377.22	0.0	0.0	0.80
D	<del>6550.00</del>	<del>50.00</del>	<del>0.0</del>	<del>0.0</del>	<del>320.70</del>	<del>570.00</del>	<del>340.51</del>	<del>4660.93</del>	<del>340.51</del>	<del>370.55</del>	<del>0.0</del>	<del>0.0</del>	<del>0.17</del>
	6050.00	50.00	0.0	0.0	320.70	1200.00	341.24	5085.84	341.24	372.94	0.0	0.0	0.34
	6050.00	50.00	0.0	0.0	320.70	1630.00	341.58	5288.10	341.58	374.05	0.0	0.0	0.45
	6050.00	50.00	0.0	0.0	320.70	3100.00	342.44	5818.65	342.45	376.88	0.0	0.0	0.80
E	<del>9050.00</del>	<del>3000.00</del>	<del>0.0</del>	<del>0.0</del>	<del>346.20</del>	<del>570.00</del>	<del>351.27</del>	<del>45.10</del>	<del>351.67</del>	<del>198.89</del>	<del>0.0</del>	<del>0.0</del>	<del>6.11</del>
	9050.00	3000.00	0.0	0.0	346.20	1200.00	351.77	77.80	352.37	220.28	0.0	0.0	8.28
	9050.00	3000.00	0.0	0.0	346.20	1630.00	352.01	97.28	352.74	230.52	0.0	0.0	9.40
	9050.00	3000.00	0.0	0.0	346.20	3100.00	352.74	173.10	353.68	248.80	0.0	0.0	11.34
F	<del>12914.00</del>	<del>3864.00</del>	<del>0.0</del>	<del>0.0</del>	<del>428.40</del>	<del>570.00</del>	<del>434.43</del>	<del>32.45</del>	<del>435.31</del>	<del>29.61</del>	<del>0.0</del>	<del>0.0</del>	<del>7.53</del>
	12914.00	3864.00	0.0	0.0	428.40	1200.00	436.46	84.06	437.44	63.59	0.0	0.0	7.94
	12914.00	3864.00	0.0	0.0	428.40	1630.00	437.28	121.86	438.35	94.01	0.0	0.0	8.49
	12914.00	3864.00	0.0	0.0	428.40	3100.00	439.00	241.22	440.32	156.95	0.0	0.0	10.08
	12964.00	50.00	0.0	0.0	429.50	570.00	437.44	76.74	437.64	85.33	0.0	0.0	5.17
	12964.00	50.00	0.0	0.0	429.50	1200.00	437.78	90.73	438.41	95.75	0.0	0.0	9.50
	12964.00	50.00	0.0	0.0	429.50	1630.00	438.66	134.76	439.21	121.65	0.0	0.0	9.33
	12964.00	50.00	0.0	0.0	429.50	3100.00	440.58	287.09	441.09	178.75	0.0	0.0	9.53
	13000.00	36.00	437.30	433.50	429.50	570.00	438.65	133.87	438.72	121.20	0.0	0.0	3.28
	13000.00	36.00	437.30	433.50	429.50	1200.00	439.34	178.89	439.52	141.66	0.0	0.0	5.44
	13000.00	36.00	437.30	433.50	429.50	1630.00	439.74	209.88	439.99	153.63	0.0	0.0	6.48
	13000.00	36.00	437.30	433.50	429.50	3100.00	440.89	321.66	441.31	188.19	0.0	0.0	8.67