

011-100000-00000-00000-00000
 011-100000-00000-00000-00000
 011-100000-00000-00000-00000
 011-100000-00000-00000-00000

11. 100000-00000-00000-00000-00000
 12. 100000-00000-00000-00000-00000
 13. 100000-00000-00000-00000-00000

NO.	DESCRIPTION	AMOUNT	DATE	INITIALS	REMARKS
1
2
3

NO.	DESCRIPTION	AMOUNT	DATE	INITIALS	REMARKS
4
5
6

NO.	DESCRIPTION	AMOUNT	DATE	INITIALS	REMARKS
7
8
9

NO.	DESCRIPTION	AMOUNT	DATE	INITIALS	REMARKS
10
11
12

NO.	DESCRIPTION	AMOUNT	DATE	INITIALS	REMARKS
13
14
15

1.5000000000000000
1.5000000000000000
1.5000000000000000
1.5000000000000000
1.5000000000000000
1.5000000000000000

- 11. ESTIMATE OF PAVEMENT COSTS
- 12. ESTIMATE OF MAINTENANCE COSTS
- 13. ESTIMATE OF TOTAL COSTS

01. PAVEMENT COSTS PER SQUARE FOOT

02. MAINTENANCE COSTS PER YEAR

03. TOTAL COSTS PER YEAR

04. PRESENT VALUE OF COSTS

05. NET PRESENT VALUE

06. COSTS PER YEAR

07. MAINTENANCE COSTS PER YEAR

08. TOTAL COSTS PER YEAR

09. PRESENT VALUE OF COSTS

10. NET PRESENT VALUE

11. COSTS PER YEAR

12. MAINTENANCE COSTS PER YEAR

13. TOTAL COSTS PER YEAR

14. PRESENT VALUE OF COSTS

15. NET PRESENT VALUE

16. COSTS PER YEAR

17. MAINTENANCE COSTS PER YEAR

18. TOTAL COSTS PER YEAR

19. PRESENT VALUE OF COSTS

20. NET PRESENT VALUE

21. COSTS PER YEAR

22. MAINTENANCE COSTS PER YEAR

23. TOTAL COSTS PER YEAR

24. PRESENT VALUE OF COSTS

25. NET PRESENT VALUE

MONTHLY PAYMENT FOR MAINTENANCE

100 YEAR FLOOD WATER SUR

SECTION CHANNEL QUANTITY OF WATER DISCHARGE
 NUMBER LENGTH (FEET) WIDTH (FEET) DEPTH (FEET)

A ~~87,150~~
 B ~~90,000~~
 C ~~97,400~~

SECTION	CHANNEL	QUANTITY	OF	WATER	DISCHARGE	DEPTH	WIDTH	LENGTH	STORAGE	SURFACE	WIDTH	
A	750.00	0.0	0.0	750.00	1750.00	571.00	90.00	875.00	275.12	0.0	0.0	5.92
	750.00	0.0	0.0	750.00	1750.00	580.00	100.00	880.00	327.15	0.0	0.0	4.96
	750.00	0.0	0.0	750.00	1750.00	620.00	147.00	920.00	345.05	0.0	0.0	4.75
	750.00	0.0	0.0	750.00	1750.00	651.00	190.00	950.00	367.07	0.0	0.0	5.44
B	800.00	0.0	0.0	800.00	1800.00	590.00	70.00	870.00	305.74	0.0	0.0	4.27
	800.00	0.0	0.0	800.00	1800.00	600.00	146.00	900.00	338.55	0.0	0.0	4.00
	800.00	0.0	0.0	800.00	1800.00	640.00	200.00	940.00	362.82	0.0	0.0	5.07
	800.00	0.0	0.0	800.00	1800.00	690.00	257.00	990.00	390.52	0.0	0.0	5.75
C	850.00	0.0	0.0	850.00	1850.00	630.00	40.00	890.00	325.43	0.0	0.0	4.31
	850.00	0.0	0.0	850.00	1850.00	630.00	51.00	890.00	325.43	0.0	0.0	4.96
	850.00	0.0	0.0	850.00	1850.00	630.00	100.00	940.00	357.25	0.0	0.0	5.41
	850.00	0.0	0.0	850.00	1850.00	650.00	220.00	970.00	380.57	0.0	0.0	6.91

SECTION	DISCHARGE	CHANNEL	CANAL DIFF	CANAL DIFF	CANAL DIFF	TOPWID	T.M. DIFF	LE (FT)
750.00	1750.00	571.00	0.0	0.0	0.0	275.12	0.0	750.000
750.00	1750.00	580.00	0.0	0.0	0.0	327.15	-50.768	750.000
750.00	1750.00	620.00	0.0	0.0	0.0	345.05	-72.453	750.000
750.00	1750.00	651.00	0.0	0.0	0.0	367.07	-117.191	750.000
800.00	1800.00	590.00	0.0	0.0	0.0	305.74	0.0	800.000
800.00	1800.00	600.00	0.0	0.0	0.0	338.55	-30.915	800.000
800.00	1800.00	640.00	0.0	0.0	0.0	362.82	-62.217	800.000
800.00	1800.00	690.00	0.0	0.0	0.0	390.52	-100.270	800.000
850.00	1850.00	630.00	0.0	0.0	0.0	325.43	0.0	850.000
850.00	1850.00	630.00	0.0	0.0	0.0	325.43	-10.231	850.000
850.00	1850.00	630.00	0.0	0.0	0.0	357.25	-32.270	850.000
850.00	1850.00	650.00	0.0	0.0	0.0	380.57	-55.570	850.000

 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. 7 (CARY) BASIN 20
 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.	381.830	0.0
J2	NPROF	IPLOT	PREVS	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= 247.99 WSEL= 380.83 ENC Q1= 247.99 WSEL= 381.83 RATIO= -0.0000

NAT Q1= 444. RATIOS LOB,CH,ROB= 0.1789 0.1001 0.7210 WSEL= 381.83

SECNO	DEPTH	CWSEL	CRISW	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOI	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= 445.0 612.1 TYPE= 4 TARGET= 0.441

750.00	6.83	381.83	0.0	380.83	381.94	0.11	0.0	0.0	377.00
1750.	0.	205.	1545.	0.	58.	608.	0.	0.	377.00
0.0	0.0	3.52	2.54	0.085	0.060	0.085	0.0	375.00	445.00
0.003483	750.	750.	750.	0	0	1	0.0	167.10	612.10

2800 NAT Q1= 204.35 WSEL= 395.93 ENC Q1= 204.35 WSEL= 396.93 RATIO= -0.0000
 NAT Q1= 385. RATIOS LOB,CH,ROB= 0.6313 0.3101 0.0506 WSEL= 396.93

3470 ENCROACHMENT STATIONS= 1419.9 1553.0 TYPE= 4 TARGET= 0.469

3600.00	6.41	396.51	0.0	395.93	396.98	0.47	14.93	0.11	394.30
1550.	578.	972.	0.	213.	146.	0.	34.	10.	394.10
0.15	2.71	6.64	0.0	0.085	0.060	0.085	0.060	390.10	1419.92
0.009457	2850.	2850.	2850.	5	0	1	0.0	133.08	1553.00

3470 ENCROACHMENT STATIONS= 830.0 890.0 TYPE= 1 TARGET= 60.000

11000.00	6.84	437.84	0.0	0.0	438.01	0.17	41.00	0.03	432.60
750.	239.	384.	127.	114.	93.	59.	87.	26.	432.50
0.81	2.09	4.14	2.16	0.085	0.060	0.085	0.060	431.00	830.00
0.002514	7400.	7400.	7400.	4	0	1	0.0	60.00	890.00