

CID: 370215

Community Name: CITY OF
SALISBURY, ROWAN COUNTY

Stream Name: Crane Creek

X X X X X Y X

DESIRED Q

AVER SLOPE

MANNINGS N

8200.00

0.0026

0.078

X VALUE	Y VALUE	X VALUE	Y VALUE	X VALUE	Y VALUE
0.00	690.00	0.00	684.30	32.01	679.20
47.38	676.75	54.92	675.55	73.43	672.60
75.00	672.35	101.05	670.70	107.37	670.30
109.74	670.15	116.84	669.70	120.32	669.48
128.68	668.95	129.47	668.90	131.05	668.80
135.00	668.55	191.25	668.80	213.75	668.90
225.00	668.95	266.22	669.48	283.33	669.70
318.33	670.15	330.00	670.30	330.20	670.15
330.80	669.70	331.09	669.48	331.80	668.95
331.87	668.90	332.00	668.80	332.33	668.55
340.00	662.80	342.60	662.54	350.00	661.80
364.00	662.54	364.15	662.80	367.46	668.55
367.61	668.80	367.67	668.90	367.69	668.95
368.00	669.48	376.87	669.70	395.00	670.15
422.00	669.70	435.20	669.48	467.00	668.95
470.00	668.90	470.63	668.95	477.25	669.48
480.00	669.70	507.00	670.15	516.00	670.30
540.00	670.70	550.53	670.30	554.47	670.15
566.32	669.70	572.11	669.48	586.05	668.95
587.37	668.90	590.00	668.80	594.74	668.90
597.11	668.95	622.21	669.48	632.63	669.70
653.95	670.15	661.05	670.30	680.00	670.70
758.16	672.35	770.00	672.60	1095.00	675.55
1275.00	676.75	1350.00	679.20	1420.83	684.30
1500.00	690.00	0.00	0.00	0.00	0.00

COMPUTED Q CFS	AVER SLOPE	MANNINGS N	ELEVATION FT
8200.00	0.002	0.078	674.07

Crane Creek
Shoddy

FRINGE AND ENCROACHMENT STATIONS FOR THE ABOVE CROSS SECTION

NATURAL WATER FLOOD LEVEL	FEET ADDED TO NATURAL	X-VALUE L BANK	X-VALUE R BANK
673.60	1.00	330.00	368.00

MODIFIED CROSS SECT. CONVEYANCE EXCEEDS UNMODIFIED CROSS SECTION
CONVEYANCE BY (0.00) SQ. FT.

UNMODIFIED AREA CONVEYANCE	PERCENT DIFF OF MODIFICATION	X-VALUE OF L ENCROACH STA	X-VALUE OF R ENCROACH STA
2846.06	0.00	152.36	675.91

ENCROACHMENT DISTANCE FROM LEFT BANK = 177.64 FEET

ENCROACHMENT DISTANCE FROM RIGHT BANK = 307.91 FEET

CROSS SECTION TABLE DUMP

ELEVATION	DISCHARGE Q	AREA	WETTED P
690.00	151712.84	24440.20	1513.94
684.30	78767.36	16115.82	1428.86
679.20	32128.31	9131.82	1325.69
676.75	16786.82	6013.45	1235.20
675.55	12217.38	4652.83	1047.63
672.60	4199.69	2091.27	704.01
672.35	3685.44	1918.80	690.59
670.70	1110.26	877.57	590.80
670.30	735.15	657.95	533.69
670.15	624.97	582.65	502.46
669.70	417.23	397.75	354.69
669.48	348.11	330.45	292.79
668.95	256.66	218.66	164.73
668.90	269.30	211.80	141.53
668.80	300.06	200.64	105.10
668.55	473.89	184.27	42.81
662.80	8.60	13.84	27.06
662.54	3.66	7.92	24.17
661.80	0.00	0.00	0.00

Q 350

R 326
L 198

122.24

[illegible]

DESIRED Q	AVER SLOPE	MANNINGS N
8200.00	0.0035	0.075

COMPUTED Q CFS	AVER SLOPE	MANNINGS N	ELEVATION FT
8200.00	0.003	0.075	679.15

NATURAL WATER FLOOD LEVEL	FEET ADDED TO NATURAL	X-VALUE L BANK	X-VALUE R BANK
680.40	1.00	445.00	485.00

465 ϕ

R L

213.5 157.

MODIFIED CROSS SECT. CONVEYANCE EXCEEDS UNMODIFIED CROSS SECTION
CONVEYANCE BY (-0.00) SQ. FT.

UNMODIFIED AREA CONVEYANCE	PERCENT DIFF OF MODIFICATION	X-VALUE OF L ENCROACH STA	X-VALUE OF R ENCROACH STA
2389.85	0.00	307.86	678.49

ENCROACHMENT DISTANCE FROM LEFT BANK = 137.14 FEET

ENCROACHMENT DISTANCE FROM RIGHT BANK = 193.49 FEET

CROSS SECTION TABLE DUMP

ELEVATION	DISCHARGE Q	AREA	WETTED P
704.72	199108.04	20681.77	891.38
685.50	25520.02	5055.61	573.91
676.50	980.24	635.77	427.55
676.35	897.41	576.48	382.13
676.29	847.95	554.39	377.32
676.15	765.18	505.64	349.69
675.88	749.73	430.22	240.77
675.85	741.67	423.51	235.28
675.75	696.32	401.85	226.81
675.00	409.87	262.46	173.15
674.90	376.70	246.77	168.45
674.05	467.14	165.18	44.72
669.30	1.80	5.26	33.82
669.10	0.04	0.45	21.67
669.05	0.00	0.00	0.00

CRANE CREEK ROWAN-DAVIDSON CO FIS 206918

[illegible]

CROSS SECTION 53950 CRANE CREEK

DESIRED Q	AVER SLOPE	MANNINGS N
8000.00	0.0020	0.075

X VALUE	Y VALUE	X VALUE	Y VALUE	X VALUE	Y VALUE
0.00	713.90	15.00	714.25	15.85	713.90
15.85	713.90	25.00	710.15	125.00	702.65
126.70	702.50	175.00	698.25	385.00	691.05
450.00	688.00	652.32	682.15	730.00	679.90
781.43	679.50	820.00	679.20	823.33	679.15
840.00	678.90	900.00	678.80	912.50	678.90
943.75	679.15	950.00	679.20	965.00	679.15
965.34	678.90	965.48	678.80	974.45	672.25
975.00	671.85	995.00	672.25	999.52	678.80
999.59	678.90	999.76	679.15	999.79	679.20
999.79	679.20	1000.00	679.50	1023.40	679.90
1155.00	682.15	1173.69	688.00	1183.43	691.05
1206.43	698.25	1220.00	702.50	1220.00	702.65
1220.00	710.15	1220.00	713.90	0.00	0.00

975 = R
L

COMPUTED Q CFS	AVER SLOPE	MANNINGS N	ELEVATION FT
8000.00	0.002	0.075	684.70

FRINGE AND ENCROACHMENT STATIONS FOR THE ABOVE CROSS SECTION

NATURAL WATER FLOOD LEVEL	FEET ADDED TO NATURAL	X-VALUE L BANK	X-VALUE R BANK
686.02	1.00	965.00	1000.00

MODIFIED CROSS SECT. CONVEYANCE EXCEEDS UNMODIFIED CROSS SECTION
CONVEYANCE BY (-0.00) SQ. FT.

UNMODIFIED AREA CONVEYANCE	PERCENT DIFF OF MODIFICATION	X-VALUE OF L ENCROACH STA	X-VALUE OF R ENCROACH STA
3517.40	0.00	667.58	1177.24

ENCROACHMENT DISTANCE FROM LEFT BANK = 297.42 FEET

ENCROACHMENT DISTANCE FROM RIGHT BANK = 127.24 FEET

CROSS SECTION TABLE DUMP

ELEVATION	DISCHARGE Q	AREA	WETTED P
713.90	248669.62	31550.03	1226.52
710.15	193863.55	27051.63	1212.97
702.65	109091.31	18464.13	1105.98
702.50	107599.92	18300.00	1104.13
698.25	69752.17	13784.97	1041.81
691.05	27946.07	7197.50	809.25
688.00	15579.80	4876.28	734.49
682.15	2151.13	1288.88	514.21
679.90	420.87	393.18	305.39
679.50	306.66	290.79	230.97
679.20	230.15	231.03	199.88
679.15	236.20	222.66	175.30
678.90	224.83	189.92	126.84
678.80	412.03	182.88	46.52
672.25	1.03	4.11	28.30
671.85	0.00	0.00	0.00

CRANE CREEK ROWAN-DAVIDSON CO FIS 206918

X X Y X X X X X X Y X Y X

CROSS SECTION 558+00 CRANE CREEK

DESIRED Q		AVER SLOPE		MANNINGS N	
8000.00		0.0030		0.078	
X VALUE	Y VALUE	X VALUE	Y VALUE	X VALUE	Y VALUE
0.00	705.90	58.33	700.78	90.00	698.00
99.14	695.88	129.14	688.92	140.00	686.40
155.00	686.35	167.73	686.25	172.82	686.21
172.82	686.21	180.45	686.15	183.00	686.13
197.50	686.15	241.00	686.21	271.00	686.21
325.00	686.25	329.00	686.21	329.00	686.21
335.00	686.15	335.03	686.13	336.96	684.70
344.86	678.85	345.00	678.75	355.00	678.25
363.33	678.75	365.00	678.85	370.00	684.70
374.07	686.13	374.12	686.15	374.29	686.21
374.29	686.21	374.41	686.25	374.69	686.35
374.83	686.40	382.00	688.92	388.00	695.88
396.65	698.00	408.00	700.78	408.00	705.90

COMPUTED Q CFS	AVER SLOPE	MANNINGS N	ELEVATION FT
9000.00	0.003	0.078	692.77

FRINGE AND ENCROACHMENT STATIONS FOR THE ABOVE CROSS SECTION

NATURAL WATER FLOOD LEVEL	FEET ADDED TO NATURAL	X-VALUE L BANK	X-VALUE R BANK
690.60	1.00	335.00	370.00

MODIFIED CROSS SECT. CONVEYANCE EXCEEDS UNMODIFIED CROSS SECTION
CONVEYANCE BY (0.00) SQ. FT.

UNMODIFIED AREA CONVEYANCE	PERCENT DIFF OF MODIFICATION	X-VALUE OF L ENCROACH STA	X-VALUE OF R ENCROACH STA
1305.91	0.00	176.44	378.89

ENCROACHMENT DISTANCE FROM LEFT BANK = 158.56 FEET

ENCROACHMENT DISTANCE FROM RIGHT BANK = 8.89 FEET

CROSS SECTION TABLE DUMP

ELEVATION	DISCHARGE Q	AREA	WETTED P
705.90	39570.61	6242.18	424.46
700.78	23697.81	4302.54	361.25
698.00	17343.24	3390.25	318.01
695.88	12796.17	2759.01	299.79
688.92	2070.32	873.81	260.04
686.40	287.24	259.71	241.40
686.35	278.24	247.95	226.37
686.25	247.11	226.63	216.02
686.21	341.59	219.62	122.88
686.15	498.85	214.53	65.67
686.13	620.18	213.58	46.85
684.70	435.02	162.05	39.98
678.85	2.97	6.51	22.90

X X

DESIRED Q	AVER SLOPE	MANNINGS N
8000.00	0.0028	0.078

COMPUTED Q CFS	AVER SLOPE	MANNINGS N	ELEVATION FT
8000.00	0.002	0.078	697.64

NATURAL WATER FLOOD LEVEL	FEET ADDED TO NATURAL	X-VALUE L BANK	X-VALUE R BANK
698.90	1.00	460.00	530.00

UNMODIFIED AREA CONVEYANCE	PERCENT DIFF OF MODIFICATION	X-VALUE OF L ENCROACH STA	X-VALUE OF R ENCROACH STA
3373.26	0.00	294.45	722.10

ENCROACHMENT DISTANCE FROM RIGHT BANK = 192.10 FEET

ELEVATION	DISCHARGE Q	AREA	WETTED P
678.75	1.75	4.58	21.10
678.25	0.00	0.00	0.00

X X X X X X X X X X Y X Y X

DESIRED Q	AVER SLOPE	MANNINGS N
8000.00	0.0028	0.078

X VALUE	Y VALUE	X VALUE	Y VALUE	X VALUE	Y VALUE
0.00	710.00	94.82	704.90	185.00	700.05
188.75	699.95	215.00	699.25	248.64	696.10
253.98	695.60	270.00	694.10	345.00	691.95
350.00	691.90	360.00	691.80	395.00	691.45
430.00	691.80	440.00	691.90	460.00	691.80
473.46	691.45	485.00	691.15	485.03	691.10
499.37	684.90	490.00	684.00	500.00	683.90
502.00	684.00	520.00	684.90	530.00	691.10
531.89	691.15	543.22	691.45	556.44	691.80
560.22	691.90	562.11	691.95	643.33	694.10
700.00	695.60	750.00	696.10	827.73	699.25
845.00	699.95	846.52	700.05	920.00	704.90
920.00	710.00	0.00	0.00	0.00	0.00

COMPUTED Q CFS	AVER SLOPE	MANNINGS N	ELEVATION FT
5000.00	0.002	0.078	697.64

NATURAL WATER FLOOD LEVEL	FEET ADDED TO NATURAL	X-VALUE L BANK	X-VALUE R BANK
6988.00	*****	460.00	530.00

ENCROACHMENT IS OUTSIDE OF DEFINED CROSS SECTION

CROSS SECTION TABLE DUMP

ELEVATION	DISCHARGE Q	AREA	WETTED P
710.00	68707.42	12151.00	931.48
704.90	34635.19	7700.80	832.17
700.05	13986.24	4095.58	668.94
699.95	13684.80	4029.69	663.70
699.25	11783.27	3585.54	620.35
696.10	4385.53	1830.86	509.04
695.60	3758.92	1594.01	453.72
694.10	1875.42	979.50	381.08
691.95	467.05	344.77	225.39
691.90	447.64	334.09	222.03
691.80	470.04	315.26	178.49
691.45	640.08	273.92	79.04
691.15	719.53	256.42	56.23
691.10	735.87	254.13	53.16
684.90	13.90	19.78	34.63
684.00	0.07	0.60	15.89
683.90	0.00	0.00	0.00

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// XEQ STOPT

ELEVATION	DISCHARGE Q	AREA	WETTED P
710.00	68707.42	12151.00	931.48
704.90	34635.19	7700.80	832.17
700.05	13986.24	4095.58	668.94
699.95	13684.80	4029.69	663.70
699.25	11783.27	3585.54	620.35
696.10	4385.53	1830.86	509.04
695.60	3758.92	1594.01	453.72
694.10	1875.42	979.50	381.08
691.95	467.05	344.77	225.39
691.90	447.64	334.09	222.03
691.80	470.04	315.26	178.49
691.45	640.08	273.92	79.04
691.15	719.53	256.42	56.23
691.10	735.87	254.13	53.16
684.90	13.90	19.78	34.63
634.00	0.07	0.60	15.89
633.90	0.00	0.00	0.00

X X X X X X X X Y X X X Y X Y Y X X X X X X X X X X X X X X

DESIRED Q	AVER SLOPE	MANNINGS N
8000.00	0.0008	0.078

X VALUE	Y VALUE	X VALUE	Y VALUE	X VALUE	Y VALUE
9.00	706.70	3.19	706.30	69.29	698.00
90.00	695.40	127.45	693.80	145.00	693.05
255.00	692.05	255.16	691.80	255.94	690.60
256.19	690.20	256.87	689.15	260.00	684.30
280.00	683.10	280.99	684.30	285.00	689.15
360.00	690.20	390.00	690.60	480.00	691.80
493.75	692.05	548.75	693.05	590.00	693.80
628.10	695.40	690.00	698.00	830.00	706.30
830.00	706.70	0.00	0.00	0.00	0.00

COMPUTED Q CFS	AVER SLOPE	MANNINGS N	ELEVATION FT
8000.00	0.000	0.078	698.75

FRINGE AND ENCROACHMENT STATIONS FOR THE ABOVE CROSS SECTION

NATURAL WATER FLOOD LEVEL	FEET ADDED TO NATURAL	X-VALUE L BANK	X-VALUE R BANK
700.20	1.00	255.00	285.00

MODIFIED CROSS SECT. CONVEYANCE EXCEEDS UNMODIFIED CROSS SECTION
CONVEYANCE BY (-0.00) SQ. FT.

UNMODIFIED AREA CONVEYANCE	PERCENT DIFF OF MODIFICATION	X-VALUE OF L ENCROACH STA	X-VALUE OF R ENCROACH STA
4900.57	0.00	100.22	607.65

ENCROACHMENT DISTANCE FROM LEFT BANK = 154.78 FEET

ENCROACHMENT DISTANCE FROM RIGHT BANK = 322.65 FEET

CROSS SECTION TABLE DUMP

ELEVATION	DISCHARGE Q	AREA	WETTED P
706.70	28504.80	9813.50	838.64
706.30	26995.77	9482.14	835.05
698.00	6121.71	3474.92	628.70
695.40	2608.13	1968.48	546.04
693.60	1206.31	1167.96	470.73
693.05	765.76	843.09	412.04
692.05	483.19	521.84	247.78
691.80	413.21	463.90	233.45
690.60	203.21	248.55	142.24
690.20	167.68	200.98	111.57
689.15	179.68	131.71	34.97
684.30	4.66	12.60	23.65
683.10	0.00	0.00	0.00

280

154.78

155
15
170

322.65

477.43

507.43

X X

DESIRED Q	AVER SLOPE	MANNINGS N
7800.00	0.0007	0.078

COMPUTED Q CFS	AVER SLOPE	MANNINGS N	ELEVATION FT
7800.00	0.000	0.078	701.59

NATURAL WATER FLOOD LEVEL	FEET ADDED TO NATURAL	X-VALUE L BANK	X-VALUE R BANK
700.90	1.00	425.00	520.00

MODIFIED CROSS SECT. CONVEYANCE EXCEEDS UNMODIFIED CROSS SECTION
CONVEYANCE BY (-0.00) SQ. FT.

UNMODIFIED AREA PERCENT DIFF X-VALUE OF X-VALUE OF
CONVEYANCE OF MODIFICATION L ENCROACH STA R ENCROACH STA

3838.15 0.00 238.82 705.63

ENCROACHMENT DISTANCE FROM LEFT BANK = 186.18 FEET

ENCROACHMENT DISTANCE FROM RIGHT BANK = 185.63 FEET

CROSS SECTION TABLE DUMP

ELEVATION	DISCHARGE Q	AREA	WETTED P
709.25	25983.17	10138.38	890.34
708.50	23409.35	9478.26	879.86
705.00	14311.36	6634.71	754.58
701.10	6861.45	3962.05	626.40
699.00	3726.76	2690.84	594.84
698.05	2611.08	2141.08	572.83
696.80	1536.51	1476.46	501.10
695.88	920.99	1043.85	453.82
695.25	647.31	786.89	380.01
694.50	400.84	539.15	303.03
694.25	364.22	472.79	251.95
694.10	334.30	437.79	236.39
693.95	569.84	414.42	92.61
693.60	522.69	385.06	87.73
690.20	136.58	136.79	49.40
688.20	46.30	62.00	34.61
686.15	2.49	9.36	24.62
685.65	0.02	0.44	18.18
685.59	0.00	0.00	0.00

X X

CROSS SECTION 596+10 CRANE CREEK

DESIRED Q

AVER SLOPE

MANNINGS N

7800.00

0.0002

0.078

X VALUE

Y VALUE

X VALUE

Y VALUE

X VALUE

Y VALUE

0.00	706.79	0.00	706.20	714.17	702.08
115.00	702.05	128.00	702.08	128.30	702.05
193.88	698.50	201.39	694.75	206.40	694.25
207.40	694.15	207.30	694.10	208.90	694.00
209.00	693.99	235.00	693.55	230.00	693.40
238.40	693.38	239.00	693.35	239.00	693.35
239.00	693.35	240.00	693.30	241.00	693.25
242.40	693.18	245.00	693.05	245.10	693.00
246.65	692.20	249.00	690.99	250.00	686.10
275.00	695.55	275.41	686.10	279.09	690.99
280.00	692.20	304.35	693.00	305.87	693.05
309.83	693.18	311.96	693.25	313.48	693.30
315.00	693.35	317.14	693.30	319.29	693.25
322.29	693.18	327.86	693.05	330.00	693.00
335.00	693.05	348.00	693.18	359.12	693.25
367.06	693.30	375.00	693.35	385.00	693.30
395.00	693.25	400.00	693.30	405.00	693.35
405.00	693.35	405.00	693.35	408.00	693.38
410.00	693.40	414.00	693.38	420.00	693.35
420.00	693.35	420.00	693.35	430.00	693.30
430.63	693.35	430.63	693.35	430.63	693.35
431.00	693.38	431.25	693.40	433.13	693.55
438.63	693.99	438.75	694.00	440.00	694.10
450.00	694.00	480.00	694.10	495.00	694.15
635.00	694.25	725.00	694.75	733.39	694.25
735.07	694.15	735.91	694.10	737.59	694.00
737.76	693.99	745.15	693.55	747.66	693.40
748.00	693.38	775.00	693.35	776.33	693.38
777.21	693.40	783.84	693.55	803.28	693.99
803.72	694.00	808.14	694.10	810.35	694.15
814.77	694.25	836.86	694.75	870.00	695.50
887.54	702.05	887.63	702.08	898.66	706.20
900.00	706.70	0.00	0.00	0.00	0.00

COMPUTED Q
CFS

AVR SLOPE

MANNINGS N

ELEVATION
FT

7800.00

0.000

0.078

702,56

FRINGE AND ENCROACHMENT STATIONS FOR THE ABOVE CROSS SECTION

NATURAL WATER FLOOD LEVEL	FEET ADDED TO NATURAL	X-VALUE L BANK	X-VALUE R BANK
702.65	1.00	245.00	280.00

MODIFIED CROSS SECT. CONVEYANCE EXCEEDS UNMODIFIED CROSS SECTION
CONVEYANCE BY (0.00) SQ. FT.

UNMODIFIED AREA CONVEYANCE	PERCENT DIFF OF MODIFICATION	X-VALUE OF L ENCROACH STA	X-VALUE OF R ENCROACH STA
6458.88	0.00	144.91	800.60

ENCROACHMENT DISTANCE FROM LEFT BANK = 100.09 FEET

ENCROACHMENT DISTANCE FROM RIGHT BANK = 520.60 FEET

CROSS SECTION TABLE DUMP

ELEVATION	DISCHARGE Q	AREA	WETTED P
706.70	14649.43	9907.30	910.96
706.20	13577.30	9457.63	909.03
702.08	7038.86	6013.07	784.93
702.05	7085.39	5990.08	769.80
695.50	591.63	1289.27	685.68
694.75	275.05	797.42	650.80
694.25	151.14	511.06	525.37
694.15	162.13	467.42	378.29
694.10	156.21	449.74	363.23
694.00	153.05	417.72	311.40
693.99	151.52	414.77	310.56
693.55	100.11	297.74	252.46
693.40	83.95	263.27	241.73
693.38	83.45	258.89	233.89
693.35	90.61	253.02	195.18
693.30	100.80	245.14	153.72
693.25	111.99	238.91	123.08
693.18	118.02	231.77	105.46
693.05	130.95	221.30	80.38

CROSS SECTION TABLE DUMP

ELEVATION	DISCHARGE Q	AREA	WETTED P
693.00	141.64	218.12	68.91
692.20	142.70	181.08	42.79
690.99	104.70	142.70	37.54
686.10	0.84	6.99	27.68
685.55	0.00	0.00	0.00

CRANE CREEK ROWAN-DAVIDSON CO FIS 206918

[illegible]

CROSS SECTION 628+00 CRANE CREEK

DESIRED Q		AVER SLOPE		MANNINGS N	
7400.00		0.0003		0.073	
X VALUE	Y VALUE	X VALUE	Y VALUE	X VALUE	Y VALUE
0.00	1420.00	71.21	1440.00	100.00	1455.00
104.48	1550.00	129.85	1550.00	167.16	706.50
170.90	706.25	200.00	704.30	248.28	701.30
261.00	700.51	321.10	698.75	322.80	698.70
336.46	698.30	345.00	698.05	351.54	698.00
390.77	697.70	423.46	697.45	430.00	697.40
445.00	697.10	450.00	697.00	490.00	697.10
493.75	697.40	494.38	697.45	497.50	697.70
501.25	698.00	501.88	698.05	505.00	698.30
510.00	698.70	534.00	698.30	549.00	698.05
552.00	698.00	570.00	697.70	575.00	698.00
575.83	698.05	580.00	698.30	580.18	698.05
580.21	698.00	580.43	697.70	580.60	697.45
580.64	697.40	580.85	697.10	580.92	697.00
580.92	697.00	580.99	696.90	581.17	696.65
585.00	691.25	589.36	690.92	592.00	690.72
602.00	690.92	602.17	691.25	605.00	696.65
624.44	696.90	632.22	697.00	632.22	697.00
640.00	697.10	663.33	697.40	667.22	697.45
686.67	697.70	710.00	698.00	718.18	697.70
725.00	697.45	726.36	697.40	734.55	697.10
737.27	697.00	737.27	697.00	740.00	696.90
742.97	697.00	742.97	697.00	745.95	697.10
754.86	697.40	756.35	697.45	763.78	697.70

X VALUE	Y VALUE	X VALUE	Y VALUE	X VALUE	Y VALUE
772.70	698.00	774.19	698.05	781.62	698.30
793.51	698.70	795.00	698.75	796.54	698.70
808.85	698.30	816.54	698.05	818.08	698.00
827.31	697.70	835.00	697.45	844.44	697.40
901.11	697.10	920.00	697.00	925.81	697.10
943.26	697.40	946.16	697.45	960.70	697.70
978.14	698.00	981.05	698.05	995.58	698.30
1018.84	698.70	1021.74	698.75	1124.07	700.51
1170.00	701.30	1270.00	704.30	1335.00	706.25
1400.00	706.50	1420.00	709.00	1440.00	710.70
1455.00	711.00	1550.00	712.90	1550.00	717.60

COMPUTED Q CFS	AVER SLOPE	MANNINGS N	ELEVATION FT
7400.00	0.000	0.073	704.32

FRINGE AND ENCROACHMENT STATIONS FOR THE ABOVE CROSS SECTION

NATURAL WATER FLOOD LEVEL	FEET ADDED TO NATURAL	X-VALUE L BANK	X-VALUE R BANK
703.80	1.00	580.00	605.00

MODIFIED CROSS SECT. CONVEYANCE EXCEEDS UNMODIFIED CROSS SECTION
CONVEYANCE BY (-0.00) SQ. FT.

UNMODIFIED AREA CONVEYANCE	PERCENT DIFF OF MODIFICATION	X-VALUE OF L ENCROACH STA	X-VALUE OF R ENCROACH STA
5444.38	0.00	310.14	1063.26

ENCROACHMENT DISTANCE FROM LEFT BANK = 269.86 FEET

ENCROACHMENT DISTANCE FROM RIGHT BANK = 458.26 FEET

CROSS SECTION TABLE DUMP

ELEVATION	DISCHARGE Q	AREA	WETTED P
1420.00	99376.28	43586.74	3130.99
706.50	11957.19	8451.07	1241.81
706.25	11694.50	8151.45	1173.10
704.30	7363.91	5973.20	1079.13
701.30	2557.87	2985.63	931.09
700.51	1705.00	2280.64	872.52
698.75	416.17	904.57	716.84
699.70	391.10	869.73	713.27
698.30	236.07	610.55	627.99
698.05	161.80	467.41	567.51
698.00	148.70	440.72	556.11
697.70	96.29	303.14	418.71
697.45	64.85	216.63	327.11
697.40	61.17	202.29	300.81
697.10	48.98	140.19	167.85
697.00	74.96	130.32	73.88
696.50	86.15	125.30	54.35
696.65	105.92	116.89	33.51
691.25	1.04	6.18	22.03
690.92	0.09	1.26	17.32
690.72	0.00	0.00	0.00

CRANE CREEK ROWAN-DAVIDSON CO FIS 206918

X X X X X X X Y X

CROSS SECTION 634+00 CRANE CREEK

DESIRED Q		AVER SLOPE		MANNINGS N	
7400.00		0.0010		0.073	
X VALUE	Y VALUE	X VALUE	Y VALUE	X VALUE	Y VALUE
0.00	716.50	73.91	714.80	100.00	714.20
122.58	713.50	200.00	711.10	250.00	709.40
300.00	707.70	400.00	705.90	500.00	705.30
581.82	704.40	600.00	704.20	683.33	703.70
685.00	703.69	700.00	703.60	790.00	703.69
800.00	703.70	835.71	704.20	850.00	704.40
853.70	704.20	862.96	703.70	863.15	703.69
864.81	703.60	864.81	703.60	900.00	701.70

X VALUE	Y VALUE	X VALUE	Y VALUE	X VALUE	Y VALUE
923.08	700.50	928.27	700.23	928.85	700.20
930.77	700.10	932.69	700.00	934.62	699.90
942.31	699.50	950.00	699.10	961.68	699.50
973.36	699.90	976.28	700.00	979.20	700.10
982.12	700.20	983.00	700.23	983.01	700.20
983.06	700.10	983.10	700.00	983.15	699.90
983.33	699.50	983.51	699.10	985.74	694.14
986.00	693.56	1000.00	692.70	1008.36	693.56
1014.00	694.14	1016.60	699.10	1016.81	699.50
1017.02	699.90	1017.07	700.00	1017.12	700.10
1017.17	700.20	1017.19	700.23	1017.33	700.50
1017.96	701.70	1018.95	703.60	1018.95	703.60
1019.00	703.69	1050.00	703.60	1073.17	701.70
1087.80	700.50	1091.10	700.23	1091.46	700.20
1092.68	700.10	1093.90	700.00	1095.12	699.90
1100.00	699.50	1150.00	699.90	1200.00	700.00
1300.00	700.10	1400.00	700.20	1410.00	700.23
1500.00	700.50	1513.48	701.70	1534.83	703.60
1534.83	703.60	1535.84	703.69	1535.96	703.70
1541.57	704.20	1543.82	704.40	1553.93	705.30
1560.67	705.90	1580.90	707.70	1600.00	709.40
1641.46	711.10	1700.00	713.50	1753.85	714.20
1800.00	714.80	1940.00	716.50	0.00	0.00

COMPUTED Q CFS	AVER SLOPE	MANNINGS N	ELEVATION FT
7400.00	0.001	0.073	705.96

FRINGE AND ENCROACHMENT STATIONS FOR THE ABOVE CROSS SECTION

NATURAL WATER FLOOD LEVEL	FEET ADDED TO NATURAL	X-VALUE L BANK	X-VALUE R BANK
704.20	1.00	850.00	1150.00

MODIFIED CROSS SECT. CONVEYANCE EXCEEDS UNMODIFIED CROSS SECTION
CONVEYANCE BY (0.00) SQ. FT.

UNMODIFIED AREA CONVEYANCE	PERCENT DIFF OF MODIFICATION	X-VALUE OF L ENCROACH STA	X-VALUE OF R ENCROACH STA
2713.01	0.00	611.98	1335.28

ENCROACHMENT DISTANCE FROM LEFT BANK = 238.02 FEET

ENCROACHMENT DISTANCE FROM RIGHT BANK = 185.28 FEET

CROSS SECTION TABLE DUMP

ELEVATION	DISCHARGE Q	AREA	WETTED P
716.50	63187.22	20165.10	1951.18
714.80	51600.20	17048.92	1737.83
714.20	47921.20	16034.94	1665.78
713.50	43767.83	14904.00	1589.52
711.10	29198.98	11281.34	1454.09
709.40	20567.79	8908.60	1362.96
707.70	13151.24	6672.33	1294.15
705.90	7208.91	4474.92	1174.63
705.30	5873.73	3810.54	1068.65
704.40	3944.40	2903.37	984.07
704.20	3621.25	2714.81	945.80
703.70	3009.79	2286.50	812.58
703.69	3002.14	2278.66	808.71
703.60	3263.33	2214.91	664.72
701.70	1071.61	1077.53	583.13
700.50	255.18	438.70	530.76
700.23	166.78	315.28	439.81
700.20	159.17	303.22	427.88
700.10	157.64	268.93	321.61
700.00	176.65	245.26	215.34
699.90	193.96	229.70	158.88
699.50	240.48	193.63	75.08
699.10	287.50	176.44	45.53
694.14	12.30	24.30	36.21
693.56	2.96	9.62	30.25
692.70	0.00	0.00	0.00

CRANE CREEK ROWAN-DAVIDSON CO FIS 206918

X X

CROSS SECTION 636+00 CRANE CREEK

DESIRED Q		AVER SLOPE		MANNINGS N	
7400.00		0.0003		0.073	
X VALUE	Y VALUE	X VALUE	Y VALUE	X VALUE	Y VALUE
0.00	717.50	74.07	713.50	100.00	712.10
136.67	711.00	200.00	709.10	231.58	708.50
300.00	707.20	400.00	706.40	500.00	704.70

X VALUE	Y VALUE	X VALUE	Y VALUE	X VALUE	Y VALUE
511.11	704.50	600.00	702.90	700.00	701.90
727.27	701.60	748.18	701.37	800.00	700.80
900.00	700.70	934.00	700.54	934.31	700.00
934.54	699.60	937.00	695.27	950.00	694.00
963.00	693.73	963.14	694.00	963.81	695.27
966.07	699.60	966.28	700.00	966.57	700.54
966.65	700.70	966.65	700.70	966.70	700.80
967.00	701.37	977.63	700.80	979.49	700.70
979.49	700.70	982.47	700.54	992.54	700.00
1000.00	699.60	1100.00	700.00	1177.14	700.54
1200.00	700.70	1211.11	700.80	1274.44	701.37
1300.00	701.60	1310.34	701.90	1344.83	702.90
1400.00	704.50	1405.00	704.70	1447.50	706.40
1467.50	707.20	1500.00	708.50	1524.00	709.10
1600.00	711.00	1644.00	712.10	1700.00	713.50
1700.00	717.50	0.00	0.00	0.00	0.00

COMPUTED Q CFS	AVER SLOPE	MANNINGS N	ELEVATION FT
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7400.00	0.000	0.073	708.13
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FRINGE AND ENCROACHMENT STATIONS FOR THE ABOVE CROSS SECTION

NATURAL WATER FLOOD LEVEL	FEET ADDED TO NATURAL	X-VALUE L BANK	X-VALUE R BANK
705.40	1.00	934.00	967.00

MODIFIED CROSS SECT. CONVEYANCE EXCEEDS UNMODIFIED CROSS SECTION
CONVEYANCE BY (-0.00) SQ. FT.

UNMODIFIED AREA CONVEYANCE	PERCENT DIFF OF MODIFICATION	X-VALUE OF L ENCROACH STA	X-VALUE OF R ENCROACH STA
3748.04	0.00	627.53	1263.67

ENCROACHMENT DISTANCE FROM LEFT BANK = 306.47 FEET

ENCROACHMENT DISTANCE FROM RIGHT BANK = 296.67 FEET

963

CROSS SECTION TABLE DUMP

ELEVATION	DISCHARGE Q	AREA	WETTED P
717.50	40020.57	21173.50	1712.25
713.50	22016.56	14521.65	1634.65
712.10	17281.54	12302.70	1552.88
711.00	14075.61	10648.67	1472.47
709.10	9336.95	8000.70	1333.59
708.50	8099.47	7222.97	1278.25
707.20	5662.85	5639.62	1177.83
706.40	4573.26	4753.63	1058.60
704.70	2460.41	3094.00	916.85
704.50	2253.63	2914.61	900.82
702.90	938.48	1607.64	757.43
701.90	429.07	930.05	623.72
701.60	314.18	752.59	586.31
701.37	242.02	626.21	547.68
700.80	115.66	362.17	421.74
700.70	120.40	327.80	309.45
700.54	111.17	286.65	249.42
700.00	73.42	187.65	161.12
699.60	125.74	153.46	43.48
695.27	8.06	27.14	35.22
694.00	0.12	1.77	20.85
690.73	0.00	0.00	0.00

CRANE CREEK ROWAN-DAVIDSON CO FIS 206918

X X

CROSS SECTION 650+00 CRANE CREEK

DESIRED Q		AVER SLOPE		MANNINGS N	
6700.00		0.0016		0.073	
X VALUE	Y VALUE	X VALUE	Y VALUE	X VALUE	Y VALUE
0.00	715.00	350.00	710.50	355.19	710.40
420.00	709.15	453.70	708.50	490.00	707.80
510.00	708.50	523.68	709.15	550.00	710.40
557.53	709.15	561.45	708.50	565.66	707.80
568.07	707.40	575.00	706.25	686.72	703.55
690.86	703.45	690.86	703.45	695.00	703.35
786.67	703.00	786.67	703.00	812.86	702.90

X VALUE	Y VALUE	X VALUE	Y VALUE	X VALUE	Y VALUE
970.00	702.30	982.00	702.90	984.00	703.00
984.00	703.00	991.00	703.35	993.00	703.45
993.00	703.45	995.00	703.55	995.77	703.45
995.77	703.45	996.54	703.35	999.23	703.00
999.23	703.00	1000.00	702.90	1000.49	702.30
1005.00	696.75	1025.00	696.55	1025.16	696.75
1029.46	702.30	1029.92	702.90	1030.00	703.00
1033.89	703.35	1035.00	703.45	1038.33	703.35
1050.00	703.00	1108.33	703.35	1125.00	703.45
1127.66	703.55	1199.43	706.25	1230.00	707.40
1234.29	707.80	1241.79	708.50	1248.75	709.15
1262.14	710.40	1263.21	710.50	1311.43	715.00
1311.43	715.00	1320.00	715.80	1321.80	715.00
1321.80	715.00	1331.95	710.50	1332.18	710.40
1335.00	709.15	1335.00	710.40	1335.00	710.50
1335.00	715.00	0.00	0.00	0.00	0.00

COMPUTED Q CFS	AVER SLOPE	MANNINGS N	ELEVATION FT
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6700.00	0.001	0.073	708.11
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FRINGE AND ENCROACHMENT STATIONS FOR THE ABOVE CROSS SECTION

NATURAL WATER FLOOD LEVEL	FEET ADDED TO NATURAL	X-VALUE L BANK	X-VALUE R BANK
707.60	1.00	1000.00	1030.00

MODIFIED CROSS SECT. CONVEYANCE EXCEEDS UNMODIFIED CROSS SECTION
CONVEYANCE BY (-0.00) SQ. FT.

UNMODIFIED AREA CONVEYANCE	PERCENT DIFF OF MODIFICATION	X-VALUE OF L ENCROACH STA	X-VALUE OF R ENCROACH STA
2734.58	0.00	700.28	1162.82

ENCROACHMENT DISTANCE FROM LEFT BANK = 299.72 FEET

ENCROACHMENT DISTANCE FROM RIGHT BANK = 132.82 FEET

1025

CROSS SECTION TABLE DUMP

ELEVATION	DISCHARGE Q	AREA	WETTED P
715.00	31277.82	10056.28	1342.84
710.50	12493.01	5014.29	938.09
710.40	12137.11	4922.99	935.67
709.15	8904.28	3857.56	809.30
708.50	7432.97	3359.81	751.22
707.80	6104.22	2867.97	679.54
707.40	5224.37	2601.86	672.79
706.25	3108.52	1862.20	635.27
703.55	327.01	423.96	460.47
703.45	273.41	380.34	459.15
703.35	234.90	338.61	431.16
703.00	175.64	228.10	248.38
702.90	162.03	206.75	219.24
702.30	253.99	138.34	40.91
696.75	0.28	2.02	28.23
696.55	0.00	0.00	0.00

// XEQ READT

// XEQ STOPT

Material
Conductance

335 e

COMPUTED Q CFS	AVER SLOPE	MANNINGS N	ELEVATION FT
8000.00	0.003	0.078	692.77

FRINGE AND ENCROACHMENT STATIONS FOR THE ABOVE CROSS SECTION

COMPUTED Q CFS	AVER SLOPE	MANNINGS N	ELEVATION FT
8000.00	0.003	0.078	692.77

FRINGE AND ENCROACHMENT STATIONS FOR THE ABOVE CROSS SECTION

COMPUTED Q CFS	AVER SLOPE	MANNINGS N	ELEVATION FT
8000.00	0.003	0.078	692.77

FRINGE AND ENCROACHMENT STATIONS FOR THE ABOVE CROSS SECTION

COMPUTED Q CFS	AVER SLOPE	MANNINGS N	ELEVATION FT
8000.00	0.003	0.078	692.77

FRINGE AND ENCROACHMENT STATIONS FOR THE ABOVE CROSS SECTION

COMPUTED Q CFS	AVER SLOPE	MANNINGS N	ELEVATION FT
8000.00	0.003	0.078	692.77

FRINGE AND ENCROACHMENT STATIONS FOR THE ABOVE CROSS SECTION

COMPUTED Q CFS	AVER SLOPE	MANNINGS N	ELEVATION FT
8000.00	0.003	0.078	692.77

FRINGE AND ENCROACHMENT STATIONS FOR THE ABOVE CROSS SECTION

COMPUTED Q CFS	AVER SLOPE	MANNINGS N	ELEVATION FT
8000.00	0.003	0.078	692.77

FRINGE AND ENCROACHMENT STATIONS FOR THE ABOVE CROSS SECTION

COMPUTED Q CFS	AVER SLOPE	MANNINGS N	ELEVATION FT
8000.00	0.003	0.078	692.77

FRINGE AND ENCROACHMENT STATIONS FOR THE ABOVE CROSS SECTION

COMPUTED Q CFS	AVER SLOPE	MANNINGS N	ELEVATION FT
8000.00	0.003	0.078	692.77

FRINGE AND ENCROACHMENT STATIONS FOR THE ABOVE CROSS SECTION

CROSS SECTION TABLE DUMP

ELEVATION	DISCHARGE Q	AREA	WETTED P
705.90	29570.61	6242.18	424.46
700.78	23697.81	4302.54	361.25
698.00	17343.24	3390.25	318.01
695.88	12796.17	2759.01	299.79
688.92	2070.32	873.81	260.04
686.40	287.24	259.31	241.40
686.35	278.24	247.95	226.37
686.25	247.11	226.63	216.02
686.21	341.59	219.62	122.88
686.15	498.85	214.53	65.67
685.13	620.18	213.58	46.85
684.70	435.02	162.05	39.98
678.85	2.97	6.51	22.90
678.75	1.75	4.58	21.10
678.25	0.00	0.00	0.00

// XEQ READT

// XEQ STOPT

X X

DESIRED - 0

MANNINGS N

8200.00

0.0026

0.078

X VALUE	Y VALUE	X VALUE	Y VALUE	X VALUE	Y VALUE
0.00	690.00	0.00	684.30	32.01	679.20
47.38	676.75	54.92	675.55	73.43	672.60
75.00	672.35	101.05	670.70	107.37	670.30
109.74	670.15	116.84	669.70	120.32	669.48
128.68	668.95	129.47	668.90	131.05	668.80
135.00	668.55	191.25	668.80	213.75	668.90
225.00	668.95	266.22	669.48	283.33	669.70
318.33	670.15	330.00	670.30	330.20	670.15
330.80	669.70	331.09	669.48	331.80	668.95
331.87	668.90	332.00	668.80	332.33	668.55
340.00	662.80	342.60	662.54	350.00	661.80
364.00	662.54	364.15	662.80	367.46	668.55
367.61	668.80	367.67	668.90	367.69	668.95
368.00	669.48	376.87	669.70	395.00	670.15
422.00	669.70	435.20	669.48	467.00	668.95
470.00	668.90	470.63	668.95	477.25	669.48
480.00	669.70	507.00	670.15	516.00	670.30
540.00	670.70	550.53	670.30	554.47	670.15
566.32	669.70	572.11	669.48	586.05	668.95
587.37	668.90	590.00	668.80	594.74	668.90
597.11	668.95	622.21	669.48	632.63	669.70
653.95	670.15	661.05	670.30	680.00	670.70
758.16	672.35	770.00	672.60	1095.00	675.55
1275.00	676.75	1350.00	679.20	1420.83	684.30
1500.00	690.00	0.00	0.00	0.00	0.00

COMPUTED Q CFS	AVER SLOPE	MANNINGS N	ELEVATION FT
8200.00	0.002	0.078	674.07

FRINGE AND ENCROACHMENT STATIONS FOR THE ABOVE CROSS SECTION

NATURAL WATER FLOOD LEVEL	FEET ADDED TO NATURAL	X-VALUE L BANK	X-VALUE R BANK
<u>673.60</u>	<u>1.00</u>	<u>330.00</u>	<u>368.00</u>

{ MODIFIED CROSS SECT. CONVEYANCE EXCEEDS UNMODIFIED CROSS SECTION
CONVEYANCE BY (0.00) SQ. FT.

UNMODIFIED AREA CONVEYANCE	PERCENT DIFF OF MODIFICATION	X-VALUE OF L ENCROACH STA	X-VALUE OF R ENCROACH STA
<u>2846.06</u>	<u>0.00</u>	<u>152.36</u>	<u>675.91</u>

ENCROACHMENT DISTANCE FROM LEFT BANK = 177.64 FEET

ENCROACHMENT DISTANCE FROM RIGHT BANK = 307.91 FEET

CROSS SECTION TABLE DUMP

ELEVATION	DISCHARGE Q	AREA	WETTED P
690.00	151712.84	24440.20	1513.94
684.30	78767.36	16115.82	1428.86
679.20	32128.31	9131.82	1325.69
676.75	16786.82	6013.45	1235.20
675.55	12217.38	4652.83	1047.63
672.60	4199.69	2091.27	704.01
672.35	3685.44	1918.80	690.59
670.70	1110.26	877.57	590.80
670.30	735.15	657.95	533.69
670.15	624.97	582.65	502.46
669.70	417.23	397.75	354.69
669.48	348.11	330.45	292.79
668.95	256.66	218.66	164.73
668.90	269.30	211.80	141.53
668.80	300.06	200.64	105.10
668.55	473.89	184.27	42.81
662.80	8.60	13.84	27.06
662.54	3.66	7.92	24.17
661.80	0.00	0.00	0.00

CRANE CREEK

Rev. 110.26 Sept. 17, 1976. Final

1 of 2

INCLOSURE 21

SEPT 1971 VERSION UPDATED JAN 1976

2400 CORRECTIONS 01-09

MODIFICATIONS 52-58

Adopted flood profile computations for existing conditions. Adopted floodway protection elevations determined by adding 1.0 ft. to Adopted 100-yr flood profile for existing conditions.

See 2 of 2 for detailed information on floodway computation.

TITLE: 4-76 PROJ. CRANE CR., ROWAN COUNTY S.H.P. I. REPORT NR. SALISBURY N.C. SURJ. 2.10,
250, 100, AND 500-YR. FLOOD PROFILES EXIST. COND. 100-YR. FLOODWAY PROFILE.
T3 CRANE CR. 2-YR. FLOOD EXISTING CONDITIONS. CODING BY S.P.F. AC. E.K. CORPS

J1	CHECK	INO	NINV	IDIR	STRT	METRIC	WVINS	Q	WSFL	FC
0.	2.	0.	0.	0.	0.	0.	0.	0.	424.100	0.
J2	NPROF	TILOT	PREVS	XSECV	YSECV	FN	ALLOD	IRW	CHNIM	ITRACE
0.	0.	5.000	0.	1000.000	0.	0.	0.	0.	0.	0.
NC	.085	.085	.050	.100	.300	0.	0.	0.	0.	0.
QT	4.000	2900.000	6300.000	12500.000	15000.000	15000.000	25000.000	0.	0.	0.
NH	5.000	.085	1552.000	.050	1600.000	.085	1670.000	.050	1705.000	.085
NH	2800.000	0.	0.	0.	0.	0.	0.	0.	0.	0.
X1	1.000	12.000	1670.000	1705.000	0.	0.	0.	0.	0.	0.
GR	643.800	0.	631.800	75.000	626.200	105.000	622.000	175.000	622.300	740.000
GR	621.600	575.000	621.700	705.000	622.800	900.000	622.100	1020.000	622.900	1140.000
GR	623.200	1457.000	624.300	1552.000	610.500	1560.000	619.200	1583.000	618.600	1592.000
GR	624.300	1600.000	625.000	1625.000	624.900	1670.000	618.400	1675.000	616.800	1685.000
GR	625.200	1690.000	624.500	1705.000	622.700	1800.000	622.500	1975.000	622.900	2160.000
GR	623.500	2305.000	621.400	2455.000	622.200	2500.000	621.200	2735.000	624.000	2755.000
GR	622.700	2770.000	633.900	2800.000	0.	0.	0.	0.	0.	0.
X1	2.000	0.	0.	0.	100.000	100.000	100.000	0.	0.	0.
X1	125.000	0.	0.	0.	100.000	100.000	100.000	0.	0.	0.
QT	6.000	2100.000	4500.000	8200.000	10500.000	10500.000	18000.000	0.	0.	0.
X1	3.000	11.000	655.000	481.000	490.000	490.000	490.000	0.	-2.925	0.
NC	.085	.085	.065	.100	.300	0.	0.	0.	0.	0.
GR	641.600	0.	625.000	150.000	625.500	330.000	625.700	440.000	626.200	655.000
GR	623.700	460.000	621.500	480.000	626.100	481.000	625.600	535.000	635.200	700.000
GR	634.900	660.000	0.	0.	0.	0.	0.	0.	0.	0.
X1	4.000	0.	0.	0.	490.000	490.000	490.000	0.	.675	0.
X1	5.000	0.	0.	0.	490.000	490.000	490.000	0.	.675	0.
X1	2065.000	0.	0.	0.	490.000	490.000	490.000	0.	.675	0.
X1	3610.000	14.000	835.000	870.000	1525.000	1525.000	1525.000	0.	0.	0.
GR	640.300	0.	637.200	80.000	633.200	200.000	632.900	300.000	631.000	560.000
GR	627.500	730.000	625.800	835.000	624.800	800.000	622.200	860.000	622.000	870.000
GR	627.500	920.000	626.800	1000.000	630.100	1125.000	642.500	1175.000	0.	0.
NC	0.	0.	0.	.100	.300	0.	0.	0.	0.	0.
QT	6.000	2050.000	4400.000	8000.000	10000.000	10000.000	17500.000	0.	0.	0.
X1	4725.000	14.000	695.000	760.000	1115.000	1115.000	1115.000	0.	0.	0.
GR	645.700	0.	637.800	150.000	633.500	305.000	633.000	370.000	629.100	540.000
GR	630.500	695.000	629.300	715.000	623.400	705.000	622.900	755.000	630.200	750.000

NUMERICAL PRINTOUT FOR MULTIPLE PROFILES

CRANE CR. 500-YR. FLOOD

SECTION NUMBER	CHANNEL LENGTH	MIN EL. OF ROADWAY	MAY FL. OF LOW CHORD	MIN EL. GROUND	DISCHARGE (CFS)	CWSEL	CRWS	EG	TOPWTD	10KAS	TIME	VOL
1	1.00	0.	0.	0.	616.80 2900.00	624.10	0.	624.11	2556.96	4.87	0.	0.
	1.00	0.	0.	0.	616.80 6300.00	624.65	0.	624.68	2620.12	10.20	0.	0.
	1.00	0.	0.	0.	616.80 12500.00	625.88	0.	625.91	2650.36	10.38	0.	0.
	1.00	0.	0.	0.	616.80 15000.00	626.30	0.	626.34	2657.57	10.34	0.	0.
	1.00	0.	0.	0.	616.80 28000.00	628.13	0.	628.19	2672.96	10.26	0.	0.
2	2.00	100.00	0.	0.	616.80 2900.00	624.15	0.	624.18	2565.81	4.59	.04	10.22
	2.00	100.00	0.	0.	616.80 6300.00	624.75	0.	624.77	2620.63	9.92	.03	13.57
	2.00	100.00	0.	0.	616.80 12500.00	625.98	0.	626.01	2650.81	9.45	.02	21.10
	2.00	100.00	0.	0.	616.80 15000.00	626.40	0.	626.44	2658.44	9.50	.02	23.67
	2.00	100.00	0.	0.	616.80 28000.00	628.23	0.	628.28	2673.83	9.57	.01	34.64
125	125.00	100.00	0.	0.	616.80 2900.00	624.19	0.	624.20	2574.34	4.12	.08	20.72
	125.00	100.00	0.	0.	616.80 6300.00	624.84	0.	624.85	2627.54	7.97	.05	27.92
	125.00	100.00	0.	0.	616.80 12500.00	626.07	0.	626.10	2659.37	8.66	.04	32.81
	125.00	100.00	0.	0.	616.80 15000.00	626.49	0.	626.53	2659.28	8.77	.04	37.95
	125.00	100.00	0.	0.	616.80 28000.00	628.33	0.	628.38	2670.66	9.15	.03	70.34
3	3.00	490.00	0.	0.	617.77 2100.00	626.52	0.	626.55	438.73	48.87	.13	51.91
	3.00	490.00	0.	0.	617.77 4500.00	626.43	0.	626.68	462.80	75.52	.09	70.93
	3.00	490.00	0.	0.	617.77 8200.00	628.53	0.	628.98	492.45	85.71	.07	107.47
	3.00	490.00	0.	0.	617.77 10500.00	627.05	0.	627.51	505.76	103.40	.06	120.00
	3.00	490.00	0.	0.	617.77 18000.00	628.78	0.	629.40	55.2	103.65	.05	175.07
4	4.00	490.00	0.	0.	618.75 2100.00	626.13	0.	626.20	455.47	22.07	.20	43.78
	4.00	490.00	0.	0.	618.75 4500.00	627.61	0.	627.72	494.16	26.03	.14	89.04
	4.00	490.00	0.	0.	618.75 8200.00	629.17	0.	629.34	535.24	30.04	.11	133.38
	4.00	490.00	0.	0.	618.75 10500.00	629.94	0.	630.10	555.34	32.14	.10	149.51
	4.00	490.00	0.	0.	618.75 18000.00	631.97	0.	632.28	604.02	36.76	.08	216.20
5	5.00	490.00	0.	0.	619.72 2100.00	627.10	0.	627.20	457.40	20.45	.27	77.45
	5.00	490.00	0.	0.	619.72 4500.00	628.80	0.	628.80	493.87	22.04	.20	111.02
	5.00	490.00	0.	0.	619.72 8200.00	630.52	0.	630.56	545.00	24.20	.16	164.97
	5.00	490.00	0.	0.	619.72 10500.00	631.37	0.	631.54	567.31	25.44	.15	186.08
	5.00	490.00	0.	0.	619.72 18000.00	633.59	0.	633.81	624.61	28.24	.12	246.68
2045	2045.00	490.00	0.	0.	620.70 2100.00	628.17	0.	628.20	457.87	20.05	.34	91.35
	2045.00	490.00	0.	0.	620.70 4500.00	629.85	0.	629.94	501.03	20.82	.26	133.81
	2045.00	490.00	0.	0.	620.70 8200.00	631.64	0.	631.80	549.04	22.13	.21	198.10
	2045.00	490.00	0.	0.	620.70 10500.00	632.54	0.	632.72	573.04	22.87	.19	224.75
	2045.00	490.00	0.	0.	620.70 18000.00	634.91	0.	635.10	634.62	20.74	.15	321.02
3610	3610.00	1525.00	0.	0.	622.20 2100.00	630.98	0.	631.03	507.00	16.50	.57	135.11
	3610.00	1525.00	0.	0.	622.20 4500.00	632.65	0.	632.73	766.05	16.11	.46	211.64
	3610.00	1525.00	0.	0.	622.20 8200.00	634.43	0.	634.52	983.62	14.60	.40	320.57
	3610.00	1525.00	0.	0.	622.20 10500.00	635.31	0.	635.40	995.86	13.84	.37	371.34
	3610.00	1525.00	0.	0.	622.20 18000.00	637.65	0.	637.74	1071.29	12.50	.32	534.48

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL OF GROUND	DISCHARGE (CFS)	CWSEL	CRWS	EC	TOP TO D	10K+4	TIME	VOL
4725.00	1115.00	0.	0.	622.90	2050.00	632.28	0.	632.31	811.37	8.63	.82	177.84
4725.00	1115.00	0.	0.	622.90	4400.00	633.92	0.	633.96	948.00	7.92	.48	285.40
4725.00	1115.00	0.	0.	622.90	8000.00	635.64	0.	635.69	1048.53	7.82	.59	438.77
4725.00	1115.00	0.	0.	622.90	10000.00	636.48	0.	636.53	1099.29	7.59	.55	509.94
4725.00	1115.00	0.	0.	622.90	17500.00	638.79	0.	638.84	1210.95	7.85	.87	718.80
4845.00	40.00	0.	0.	623.30	2050.00	632.33	0.	632.95	65.00	100.18	.83	179.73
4845.00	40.00	0.	0.	623.30	4400.00	633.74	0.	635.50	65.00	199.07	.68	288.87
4845.00	40.00	0.	0.	623.30	8000.00	635.71	0.	635.74	1028.24	9.62	.60	445.77
4845.00	40.00	0.	0.	623.30	10000.00	636.50	0.	636.60	1074.04	9.13	.56	520.58
4845.00	40.00	0.	0.	623.30	17500.00	638.84	0.	638.93	1198.39	8.98	.68	754.30
OLD UNION CREEK ROAD 633.5 - 635.6												
4845.00	40.00	634.80	633.70	623.60	2050.00	632.36	0.	633.06	65.00	119.91	.83	180.02
4845.00	40.00	634.80	633.70	623.60	4400.00	635.48	0.	635.50	993.41	4.15	.69	200.95
4845.00	40.00	634.80	633.70	623.60	8000.00	637.15	0.	637.10	1092.53	4.93	.61	450.67
4845.00	40.00	634.80	633.70	623.60	10000.00	637.61	0.	637.85	1131.72	5.47	.57	526.21
4845.00	40.00	634.80	633.70	623.60	17500.00	639.78	0.	639.85	1222.87	6.90	.68	742.31
4925.00	40.00	0.	0.	623.60	2050.00	633.50	0.	633.63	540.73	8.85	.84	181.71
4925.00	40.00	0.	0.	623.60	4400.00	635.52	0.	635.58	583.51	9.35	.71	297.20
4925.00	40.00	0.	0.	623.60	8000.00	637.20	0.	637.20	620.02	11.90	.62	459.46
4925.00	40.00	0.	0.	623.60	10000.00	637.84	0.	637.97	630.32	13.52	.58	515.05
4925.00	40.00	0.	0.	623.60	17500.00	639.84	0.	640.03	677.14	18.23	.69	775.38
7675.00	2750.00	0.	0.	629.20	2050.00	637.80	0.	637.90	890.25	34.28	1.13	242.60
7675.00	2750.00	0.	0.	629.20	4400.00	639.30	0.	639.40	744.01	24.04	1.03	450.45
7675.00	2750.00	0.	0.	629.20	8000.00	641.24	0.	641.34	620.12	18.64	.83	600.33
7675.00	2750.00	0.	0.	629.20	10000.00	642.07	0.	642.18	658.28	17.88	.89	802.14
7675.00	2750.00	0.	0.	629.20	17500.00	644.50	0.	644.67	895.01	15.02	.76	1151.13
9940.00	2265.00	0.	0.	635.00	2000.00	644.60	0.	644.77	503.71	20.63	1.34	317.94
9940.00	2265.00	0.	0.	635.00	4300.00	645.85	0.	646.08	535.03	35.64	1.22	550.54
9940.00	2265.00	0.	0.	635.00	7900.00	647.21	0.	647.50	550.89	42.61	1.09	647.15
9940.00	2265.00	0.	0.	635.00	9900.00	647.87	0.	648.10	558.54	44.14	1.04	956.02
9940.00	2265.00	0.	0.	635.00	17000.00	649.91	0.	650.31	566.22	44.92	.89	1422.31
11625.00	1685.00	0.	0.	639.10	1900.00	648.00	0.	648.14	377.14	15.47	1.54	355.60
11625.00	1685.00	0.	0.	639.10	4100.00	650.00	0.	650.12	420.26	16.91	1.40	517.55
11625.00	1685.00	0.	0.	639.10	7400.00	651.94	0.	652.10	504.30	16.40	1.25	946.04
11625.00	1685.00	0.	0.	639.10	9200.00	652.78	0.	652.98	510.67	19.12	1.18	1100.61
11625.00	1685.00	0.	0.	639.10	16000.00	655.22	0.	655.47	541.59	21.70	1.02	1563.94
13440.00	2315.00	0.	0.	644.50	1900.00	652.95	0.	653.18	505.08	31.94	1.72	405.12
13440.00	2315.00	0.	0.	644.50	4100.00	654.76	0.	654.93	600.55	25.97	1.41	713.77
13440.00	2315.00	0.	0.	644.50	7900.00	656.60	0.	656.74	681.93	22.03	1.47	1098.10
13440.00	2315.00	0.	0.	644.50	9200.00	657.42	0.	657.58	705.83	20.87	1.40	1279.34
13440.00	2315.00	0.	0.	644.50	16000.00	659.95	0.	660.13	753.23	16.64	1.21	1846.52

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL OF GROUND	DISCHARGE (CFS)	CWSEL	CRWS	EQ	TOPWID	10K*	TIME	VOL	
#10 ⑥	13150.00	2210.00	0.	0.	647.80	1900.00	657.46	0.	657.50	464.72	13.00	2.09	457.83
	16150.00	2210.00	0.	0.	647.80	4100.00	659.12	0.	659.10	490.90	14.40	1.90	811.80
	15150.00	2210.00	0.	0.	647.80	7400.00	660.86	0.	660.97	535.27	16.61	1.70	1249.15
	16150.00	2210.00	0.	0.	647.80	9200.00	661.64	0.	661.77	552.00	17.22	1.42	1455.71
	16150.00	2210.00	0.	0.	647.80	16000.00	664.07	0.	664.27	622.47	15.80	1.39	2106.93
#10 ④	16230.00	20.00	0.	0.	651.00	1900.00	657.30	0.	658.28	37.49	330.24	2.10	449.10
	16230.00	20.00	0.	0.	651.00	4100.00	660.03	660.03	661.87	95.00	402.62	1.90	814.11
	16230.00	20.00	0.	0.	651.00	7400.00	661.72	661.72	664.64	95.00	402.77	1.70	1252.39
	16230.00	20.00	0.	0.	651.00	9200.00	662.61	662.61	666.00	95.00	383.48	1.62	1459.41
	16230.00	20.00	0.	0.	651.00	16000.00	665.56	665.56	670.44	95.00	339.65	1.39	2112.22
BRINGLE FERRY ROAD 446.00 - 427.70													
#10 ④	16270.00	40.00	674.00	666.00	651.00	1900.00	658.21	0.	659.53	50.24	301.81	2.10	449.36
	16270.00	40.00	674.00	666.00	651.00	4100.00	660.65	0.	662.02	95.00	248.53	1.90	814.49
	16270.00	40.00	674.00	666.00	651.00	7400.00	662.97	0.	664.94	95.00	207.65	1.70	1252.90
	16270.00	40.00	674.00	666.00	651.00	9200.00	664.13	0.	666.37	95.00	192.20	1.62	1440.05
	16270.00	40.00	674.00	666.00	651.00	16000.00	671.08	0.	673.72	95.00	63.60	1.39	2113.33
#11 ⑤	16350.00	20.00	0.	0.	648.20	1900.00	640.39	0.	660.45	281.49	6.42	2.11	440.71
	16350.00	20.00	0.	0.	648.20	4100.00	642.90	0.	662.92	384.03	8.15	1.91	816.84
	16350.00	20.00	0.	0.	648.20	7400.00	646.14	0.	666.23	477.07	7.13	1.71	1256.77
	16350.00	20.00	0.	0.	648.20	9200.00	647.71	0.	667.80	540.97	6.44	1.63	1444.72
	16350.00	20.00	0.	0.	648.20	16000.00	674.73	0.	674.70	690.00	2.60	1.41	2122.90
#12 ④	18575.00	2225.00	0.	0.	657.20	1930.00	643.67	0.	664.41	61.95	134.78	2.20	499.81
	18575.00	2225.00	0.	0.	657.20	3900.00	666.59	0.	668.80	660.02	63.55	2.07	900.69
	18575.00	2225.00	0.	0.	657.20	7000.00	668.23	0.	668.97	715.14	27.21	1.93	1415.67
	18575.00	2225.00	0.	0.	657.20	5600.00	669.94	0.	670.08	743.97	19.43	1.86	1645.05
	18575.00	2225.00	0.	0.	657.20	15000.00	675.57	0.	675.64	880.50	5.25	1.73	2557.70
#12 ③	20020.00	1445.00	0.	0.	661.80	1750.00	670.48	0.	671.04	595.22	22.03	2.36	531.34
	20020.00	1445.00	0.	0.	661.80	3700.00	672.24	0.	672.37	674.59	24.54	2.23	550.75
	20020.00	1445.00	0.	0.	661.80	6400.00	673.18	0.	673.34	765.28	34.11	2.05	1502.40
	20020.00	1445.00	0.	0.	661.80	8200.00	673.64	0.	673.64	810.21	36.07	1.98	1771.52
	20020.00	1445.00	0.	0.	661.80	14000.00	676.73	0.	676.84	1222.05	15.02	1.86	2761.52
Salisbury Limits													
#13 ⑤	21940.00	1920.00	0.	0.	669.00	1750.00	676.48	0.	675.71	412.48	40.77	2.51	558.31
	21940.00	1920.00	0.	0.	669.00	3700.00	676.01	0.	676.23	442.41	38.64	2.38	1070.32
	21940.00	1920.00	0.	0.	669.00	6400.00	679.70	0.	679.02	473.07	34.21	2.21	1603.23
	21940.00	1920.00	0.	0.	669.00	8200.00	680.41	0.	680.65	461.52	34.24	2.13	1608.43
	21940.00	1920.00	0.	0.	669.00	14000.00	681.54	0.	682.00	500.25	53.82	1.99	2949.77
#15 ③	24540.00	2620.00	0.	0.	671.80	1750.00	681.85	0.	681.92	477.81	11.53	2.89	612.14
	24540.00	2620.00	0.	0.	671.80	3600.00	683.54	0.	683.63	555.38	12.50	2.73	1120.55
	24540.00	2620.00	0.	0.	671.80	5400.00	685.22	0.	685.31	612.75	13.48	2.52	1750.67
	24560.00	2620.00	0.	0.	671.80	8000.00	686.00	0.	686.11	644.13	13.72	2.42	2046.50
	24560.00	2620.00	0.	0.	671.80	13600.00	686.33	0.	686.44	732.05	13.77	2.25	3213.41

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL OF GROUND	DISCHARGE (CFS)	CASEL	CHWS	EG	TOPATO	10K49	TIME	VOL
26340.00	1740.00	0.	0.	678.20	1700.00	686.11	0.	687.10	54.73	143.54	2.85	640.01
26340.00	1740.00	0.	0.	678.20	3600.00	688.08	0.	689.01	244.61	121.87	2.80	1175.52
26340.00	1740.00	0.	0.	678.20	6400.00	689.84	0.	690.74	257.76	104.24	2.59	1841.39
26340.00	1740.00	0.	0.	678.20	8000.00	690.64	0.	691.54	262.00	101.00	2.49	2145.50
26340.00	1740.00	0.	0.	678.20	13400.00	692.69	0.	693.94	274.44	101.34	2.31	3377.45
25930.00	2590.00	0.	0.	683.90	1700.00	694.22	0.	694.20	374.01	11.45	3.24	677.01
25930.00	2590.00	0.	0.	683.90	3600.00	696.20	0.	696.30	505.36	12.01	3.11	1251.37
25930.00	2590.00	0.	0.	683.90	6400.00	698.07	0.	698.14	570.55	12.93	2.87	1960.07
25930.00	2590.00	0.	0.	683.90	8000.00	698.86	0.	699.01	601.20	13.14	2.75	2305.41
25930.00	2590.00	0.	0.	683.90	13400.00	701.32	0.	701.49	705.89	13.25	2.55	3542.73
29010.00	40.00	0.	0.	685.00	1700.00	694.33	0.	694.62	70.00	34.25	0.40	678.32
29010.00	40.00	0.	0.	685.00	3600.00	696.27	0.	696.30	70.00	65.85	3.11	1253.59
29010.00	40.00	0.	0.	685.00	6400.00	698.14	0.	698.34	535.17	22.41	2.47	1944.84
29010.00	40.00	0.	0.	685.00	8000.00	699.00	0.	699.20	564.10	21.54	2.76	2311.04
29010.00	40.00	0.	0.	685.00	13400.00	701.44	0.	701.64	672.91	19.74	2.55	3571.25
STORES FERRY ROAD 175.20 - 697.5												
29050.00	40.00	697.20	695.60	683.70	1700.00	694.34	0.	694.62	70.00	19.43	3.30	678.72
29050.00	40.00	697.20	695.60	683.70	3600.00	696.57	0.	697.04	70.00	34.24	3.11	1254.13
29050.00	40.00	697.20	695.60	683.70	6400.00	699.25	0.	699.31	627.86	6.47	2.88	1947.61
29050.00	40.00	697.20	695.60	683.70	8000.00	700.04	0.	700.14	670.05	7.04	2.77	2314.31
29050.00	40.00	697.20	695.60	683.70	13400.00	702.27	0.	702.34	740.21	8.66	2.56	3545.90
29130.00	40.00	0.	0.	683.10	1700.00	694.75	0.	694.74	507.77	4.85	3.42	680.67
29130.00	40.00	0.	0.	683.10	3600.00	697.34	0.	697.40	400.45	4.01	3.13	1257.57
29130.00	40.00	0.	0.	683.10	6400.00	699.33	0.	699.37	454.78	4.93	2.89	1975.01
29130.00	40.00	0.	0.	683.10	8000.00	700.15	0.	700.20	674.06	5.04	2.78	2322.64
29130.00	40.00	0.	0.	683.10	13400.00	702.39	0.	702.47	724.54	7.04	2.57	3507.15
30220.00	1000.00	0.	0.	685.50	1650.00	695.52	0.	695.61	405.82	11.99	3.45	712.51
30220.00	1000.00	0.	0.	685.50	3500.00	697.94	0.	698.05	565.55	6.52	3.28	1322.92
30220.00	1000.00	0.	0.	685.50	5200.00	700.00	0.	700.04	604.73	8.24	3.03	2070.62
30220.00	1000.00	0.	0.	685.50	7800.00	700.84	0.	700.97	617.47	8.57	2.91	2431.77
30220.00	1000.00	0.	0.	685.50	13200.00	703.25	0.	703.34	691.92	9.40	2.68	3755.25
US 52 697.05 - 700.3												
30260.00	40.00	0.	0.	684.20	1650.00	695.54	0.	695.65	45.00	8.25	3.45	713.24
30260.00	40.00	0.	0.	684.20	3500.00	697.99	0.	698.22	95.00	14.34	3.28	1324.31
30260.00	40.00	0.	0.	684.20	5200.00	700.04	0.	700.14	630.32	4.33	3.04	2074.07
30260.00	40.00	0.	0.	684.20	7800.00	700.94	0.	701.02	655.16	4.77	2.92	2435.76
30260.00	40.00	0.	0.	684.20	13200.00	703.35	0.	703.44	734.10	5.84	2.64	3740.67
30340.00	120.00	700.00	697.00	684.20	1650.00	695.67	0.	695.64	50.00	15.39	3.05	714.81
30340.00	120.00	700.00	697.00	684.20	3500.00	698.24	0.	698.45	50.00	100.24	3.29	1326.31
30340.00	120.00	700.00	697.00	684.20	6200.00	701.74	0.	701.61	682.73	2.44	3.06	2087.01
30340.00	120.00	700.00	697.00	684.20	7800.00	702.49	0.	702.53	712.77	3.00	2.94	2450.11
30340.00	120.00	700.00	697.00	684.20	13200.00	704.14	0.	704.25	774.45	4.93	2.70	3774.11

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL OF GROUND	DISCHARGE (CFS)	CWSEL	CHWS	EF	TOPWTD	10K+S	YVE	VOL
30420.00	40.00	0.	0.	645.50	1250.00	695.99	0.	696.02	683.17	6.60	3.47	715.77
30420.00	40.00	0.	0.	645.50	3500.00	699.37	0.	699.38	724.00	2.35	3.30	1328.40
30420.00	40.00	0.	0.	645.50	6200.00	701.61	0.	701.82	754.84	2.18	3.07	2092.10
30420.00	40.00	0.	0.	645.50	7800.00	702.52	0.	702.54	787.76	2.85	2.95	2455.67
30420.00	40.00	0.	0.	645.50	13200.00	704.23	0.	704.28	836.39	4.40	2.71	3795.69
33730.00	3310.00	0.	0.	690.70	1600.00	699.20	0.	699.25	743.28	16.11	4.04	825.60
33730.00	3310.00	0.	0.	690.70	3400.00	700.77	0.	700.81	882.85	10.55	3.92	1577.40
33730.00	3310.00	0.	0.	690.70	6000.00	702.95	0.	702.98	1001.49	5.60	3.75	2487.80
33730.00	3310.00	0.	0.	690.70	7400.00	703.77	0.	703.78	1043.62	5.19	3.60	2903.61
33730.00	3310.00	0.	0.	690.70	12600.00	705.80	0.	705.88	1146.67	5.23	3.26	4373.74
34300.00	570.00	0.	0.	692.70	1600.00	700.88	0.	701.02	541.52	78.91	4.09	837.83
34300.00	570.00	0.	0.	692.70	3400.00	701.91	0.	702.06	605.23	43.35	3.98	1601.97
34300.00	570.00	0.	0.	692.70	6000.00	703.53	0.	703.64	865.76	33.25	3.81	2532.62
34300.00	570.00	0.	0.	692.70	7400.00	704.27	0.	704.38	960.02	27.64	3.66	2957.93
34300.00	570.00	0.	0.	692.70	12600.00	706.29	0.	706.39	1241.48	17.13	3.32	4457.48
34300.00	80.00	0.	0.	692.70	1600.00	701.44	0.	701.62	184.57	64.55	4.10	838.85
34300.00	80.00	0.	0.	692.70	3400.00	702.51	0.	702.88	220.42	104.27	3.98	1603.74
34300.00	80.00	0.	0.	692.70	6000.00	703.91	0.	704.42	290.88	120.70	3.62	2535.65
34300.00	80.00	0.	0.	692.70	7400.00	704.57	0.	705.12	300.00	107.31	3.47	2941.73
34300.00	80.00	0.	0.	692.70	12600.00	706.82	0.	707.19	300.00	90.84	3.32	4463.62
COLUMBIA & NORTHWESTERN RAILROAD 706.45 - 709.00												
34420.00	40.00	709.00	706.80	692.70	1600.00	701.47	0.	701.62	224.23	50.01	4.10	839.33
34420.00	40.00	709.00	706.80	692.70	3400.00	702.52	0.	702.88	257.24	71.70	3.98	1604.40
34420.00	40.00	709.00	706.80	692.70	6000.00	704.02	0.	704.42	292.07	71.61	3.62	2536.60
34420.00	40.00	709.00	706.80	692.70	7400.00	704.69	0.	705.12	300.00	68.17	3.47	2942.95
34420.00	40.00	709.00	706.80	692.70	12600.00	706.80	0.	707.38	300.00	57.75	3.33	4445.50
34500.00	80.00	0.	0.	693.70	1600.00	701.79	0.	701.90	600.06	23.60	4.11	840.69
34500.00	80.00	0.	0.	693.70	3400.00	703.17	0.	703.25	780.51	19.23	4.00	1606.93
34500.00	80.00	0.	0.	693.70	6000.00	704.75	0.	704.82	904.20	13.93	3.83	2540.78
34500.00	80.00	0.	0.	693.70	7400.00	705.46	0.	705.52	952.45	12.45	3.48	2947.83
34500.00	80.00	0.	0.	693.70	12600.00	707.77	0.	707.80	1170.00	9.11	3.34	4473.30
Salisbury Lemelt												
35860.00	1340.00	0.	0.	696.50	1870.00	704.68	0.	704.71	517.02	17.75	4.30	870.17
35860.00	1340.00	0.	0.	696.50	3100.00	705.83	0.	705.92	598.94	20.00	4.17	1641.73
35860.00	1340.00	0.	0.	696.50	5400.00	707.02	0.	707.13	650.07	21.13	3.98	2626.27
35860.00	1340.00	0.	0.	696.50	6700.00	707.68	0.	707.71	665.40	21.14	3.82	3071.53
35860.00	1340.00	0.	0.	696.50	11200.00	709.40	0.	709.57	822.00	18.67	3.47	4636.47
35900.00	80.00	0.	0.	697.00	1470.00	704.77	0.	705.63	30.00	112.89	4.30	871.24
35900.00	80.00	0.	0.	697.00	3100.00	705.65	0.	708.51	30.00	336.08	4.17	1643.43
35900.00	80.00	0.	0.	697.00	5400.00	707.21	0.	707.34	639.96	27.29	3.99	2632.44
35900.00	80.00	0.	0.	697.00	6700.00	707.78	0.	707.92	658.29	26.74	3.83	3076.39
35900.00	80.00	0.	0.	697.00	11200.00	709.60	0.	709.75	790.61	22.65	3.48	4643.77
NCSR 2300 707.00 - 709.10												

707.6
705.1
2.5

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL OF GROUND	DISCHARGE (CFS)	CASEL	CRWS	EC	TOPWTD	10K+5	TIME	VOL
35940.00	40.00	707.10	707.20	697.00	1470.00	706.81	707.10	706.20	597.00	52.30	4.31	671.47
35940.00	40.00	707.10	707.20	697.00	3100.00	710.57	0.	710.65	622.55	36.54	4.17	1664.19
35940.00	40.00	707.10	707.20	697.00	5400.00	709.61	707.10	710.19	839.20	298.22	3.99	2633.90
35940.00	40.00	707.10	707.20	697.00	6700.00	709.44	ADJ. 707.10	710.50	823.47	560.15	3.43	3077.99
35940.00	40.00	707.10	707.20	697.00	11200.00	710.27	ADJ. 707.10	711.61	897.58	643.55	3.48	4646.12
36040.00	40.00	0.	0.	697.10	1470.00	706.33	0.	706.38	398.03	8.95	4.32	872.79
36040.00	40.00	0.	0.	697.10	3100.00	710.65	0.	710.70	714.58	1.93	4.20	1648.79
36040.00	40.00	0.	0.	697.10	5400.00	710.34	ADJ. 710.00	711.41	887.17	6.94	4.01	2637.96
36040.00	40.00	0.	0.	697.10	6700.00	710.75	ADJ. 710.00	710.81	722.99	8.69	3.34	3052.17
36040.00	40.00	0.	0.	697.10	11200.00	711.95	0.	712.04	832.76	13.42	3.49	4651.49
37270.00	1210.00	0.	0.	698.30	1470.00	707.95	0.	708.14	273.51	26.00	4.42	895.50
37270.00	1210.00	0.	0.	698.30	3100.00	711.10	0.	711.10	802.46	11.64	4.34	1740.42
37270.00	1210.00	0.	0.	698.30	5400.00	711.69	0.	711.90	491.36	24.82	4.10	2710.01
37270.00	1210.00	0.	0.	698.30	6700.00	712.33	0.	712.54	570.47	26.12	3.94	3142.82
37270.00	1210.00	0.	0.	698.30	11200.00	714.09	0.	714.35	727.20	27.29	3.58	4761.61
37345.00	75.00	0.	0.	699.10	1470.00	708.17	0.	708.60	38.67	55.19	4.42	895.50
37345.00	75.00	0.	0.	699.10	3100.00	711.10	0.	712.11	40.00	82.44	4.35	1742.10
37345.00	75.00	0.	0.	699.10	5400.00	711.69	0.	712.19	406.43	35.61	4.11	2712.92
37345.00	75.00	0.	0.	699.10	6700.00	712.54	0.	712.86	501.34	30.35	3.94	3146.54
37345.00	75.00	0.	0.	699.10	11200.00	714.31	0.	714.65	700.03	37.34	3.58	4767.02
BARRIAGE ROAD 710.00 - 712.10												
37345.00	50.00	711.20	710.20	699.10	1470.00	708.60	0.	708.96	50.00	46.33	4.43	896.63
37345.00	50.00	711.20	710.20	699.10	3100.00	712.08	0.	712.11	555.56	4.90	4.36	1743.77
37345.00	50.00	711.20	710.20	699.10	5400.00	713.09	0.	713.14	612.59	8.34	4.12	2715.61
37345.00	50.00	711.20	710.20	699.10	6700.00	713.54	0.	713.72	447.15	9.52	3.95	3169.40
37345.00	50.00	711.20	710.20	699.10	11200.00	715.02	0.	715.15	720.58	14.11	3.59	4771.24
37470.00	75.00	0.	0.	699.30	1470.00	709.21	0.	709.27	460.20	8.44	4.44	896.11
37470.00	75.00	0.	0.	699.30	3100.00	712.12	0.	712.15	550.03	4.39	4.37	1748.25
37470.00	75.00	0.	0.	699.30	5400.00	713.16	0.	713.22	627.72	7.47	4.13	2721.14
37470.00	75.00	0.	0.	699.30	6700.00	713.72	0.	713.79	652.97	8.69	3.96	3175.52
37470.00	75.00	0.	0.	699.30	11200.00	715.15	0.	715.25	734.71	12.69	3.59	4779.04
37490.00	2430.00	0.	0.	704.50	1470.00	712.57	0.	712.71	283.46	27.85	4.49	950.79
37490.00	2430.00	0.	0.	704.50	3100.00	714.25	0.	714.38	452.49	26.22	4.62	1841.92
37490.00	2430.00	0.	0.	704.50	5400.00	715.90	0.	716.00	825.55	19.08	4.11	2827.39
37490.00	2430.00	0.	0.	704.50	6700.00	716.61	0.	716.71	860.70	17.37	4.25	3342.52
37490.00	2430.00	0.	0.	704.50	11200.00	718.51	0.	718.61	1031.29	14.90	3.88	5050.54
42435.00	2535.00	0.	0.	707.00	1470.00	716.54	0.	716.57	327.75	9.27	5.16	1000.28
42435.00	2535.00	0.	0.	707.00	3100.00	716.29	0.	716.35	324.15	9.88	4.99	1049.12
42435.00	2535.00	0.	0.	707.00	5400.00	719.79	0.	719.89	371.27	12.35	4.70	3026.94
42435.00	2535.00	0.	0.	707.00	6200.00	720.50	0.	720.62	377.79	13.55	4.51	3533.34
42435.00	2535.00	0.	0.	707.00	10200.00	722.42	0.	722.61	407.71	16.21	4.08	5249.89

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL OF GROUND	DISCHARGE (CFS)	CWSEL	COIWS	EG	TOPWTD	10K+S	TIME	VOL
42505.00	70.00	0.	0.	709.50	1370.00	716.52	2 0.	717.48	39.54	142.68	5.16	1001.22
42505.00	70.00	0.	0.	709.50	2450.00	718.32	10 0.	719.14	105.00	190.10	4.99	1950.71
42505.00	70.00	0.	0.	709.50	4950.00	719.77	30 0.	721.08	105.00	190.65	4.70	3029.00
42505.00	70.00	0.	0.	709.50	6200.00	720.44	100 0.	722.05	105.00	198.11	4.51	3535.75
42505.00	70.00	0.	0.	709.50	10200.00	722.23	500 0.	724.77	105.00	219.22	4.08	5293.05
FIRTH ROAD 720.30 - 722.75												
42545.00	60.00	722.90	720.40	709.50	1370.00	716.73	0.	717.61	39.48	159.03	5.17	1001.47
42545.00	60.00	722.90	720.40	709.50	2450.00	718.45	0.	719.24	105.00	169.37	4.99	1951.25
42545.00	60.00	722.90	720.40	709.50	4950.00	720.01	0.	721.20	105.00	163.92	4.70	3029.85
42545.00	60.00	722.90	720.40	709.50	6200.00	720.74	0.	722.20	105.00	166.07	4.51	3536.62
42545.00	60.00	722.90	720.40	709.50	10200.00	724.56	0.	724.77	395.75	18.70	4.09	5295.66
42615.00	70.00	0.	0.	707.20	1370.00	716.14	0.	718.14	1095.59	.58	5.22	1004.85
42615.00	70.00	0.	0.	707.20	2450.00	719.72	0.	719.72	1232.00	.82	5.03	1956.23
42615.00	70.00	0.	0.	707.20	4950.00	721.93	0.	721.93	1254.17	.75	4.74	3037.17
42615.00	70.00	0.	0.	707.20	6200.00	723.08	0.	723.08	1267.16	.72	4.54	3545.17
42615.00	70.00	0.	0.	707.20	10200.00	724.90	0.	724.91	1285.07	1.01	4.11	5307.97
45250.00	2615.00	0.	0.	710.60	1250.00	718.38	0.	718.72	295.35	71.31	5.38	1137.17
45250.00	2615.00	0.	0.	710.60	2600.00	720.20	0.	720.30	354.43	36.86	5.26	2159.58
45250.00	2615.00	0.	0.	710.60	4500.00	722.34	0.	722.40	462.22	20.40	5.00	3508.71
45250.00	2615.00	0.	0.	710.60	5600.00	723.49	0.	723.50	574.58	15.73	4.83	3917.73
45250.00	2615.00	0.	0.	710.60	9100.00	725.43	0.	725.54	642.09	14.34	4.38	5786.29
47500.00	2250.00	0.	0.	718.50	1100.00	725.73	0.	725.81	282.05	16.43	5.69	1164.35
47500.00	2250.00	0.	0.	718.50	2300.00	726.91	0.	727.07	321.47	23.57	5.50	2211.38
47500.00	2250.00	0.	0.	718.50	3900.00	727.88	0.	728.04	342.77	31.56	5.19	3030.77
47500.00	2250.00	0.	0.	718.50	4800.00	728.33	0.	728.55	350.16	35.07	5.00	4018.97
47500.00	2250.00	0.	0.	718.50	7700.00	729.95	0.	730.21	374.40	34.73	4.54	5933.74
49420.00	1920.00	0.	0.	720.10	1100.00	728.42	0.	728.47	278.25	11.81	5.99	1193.84
49420.00	1920.00	0.	0.	720.10	2300.00	730.18	0.	730.20	426.24	12.43	5.78	2263.05
49420.00	1920.00	0.	0.	720.10	3900.00	731.68	0.	731.75	500.33	12.85	5.45	3504.90
49420.00	1920.00	0.	0.	720.10	4800.00	732.35	0.	732.43	524.90	13.03	5.25	4104.00
49420.00	1920.00	0.	0.	720.10	7700.00	734.06	0.	734.14	571.84	13.48	4.76	6052.87
49500.00	80.00	0.	0.	720.10	1100.00	728.38	0.	729.91	17.00	255.50	5.99	1194.54
49500.00	80.00	0.	0.	720.10	2300.00	730.33	0.	730.35	431.55	12.72	5.79	2265.52
49500.00	80.00	0.	0.	720.10	3900.00	731.80	0.	731.84	504.05	12.61	5.46	3508.65
49500.00	80.00	0.	0.	720.10	4800.00	732.44	0.	732.57	531.57	12.65	5.26	4108.48
49500.00	80.00	0.	0.	720.10	7700.00	734.18	0.	734.27	573.54	12.82	4.77	6059.01
ST PAUL Church 728.9 - 730.15												
49505.00	5.00	729.70	728.40	719.40	1100.00	730.66	0.	730.77	213.00	6.21	5.99	1194.50
49505.00	5.00	729.70	728.40	719.40	2300.00	730.14	0.	730.96	165.72	35.90	5.79	2265.62
49505.00	5.00	729.70	728.40	719.40	3900.00	731.71	0.	732.24	301.41	24.40	5.46	3508.81
49505.00	5.00	729.70	728.40	719.40	4800.00	732.40	0.	732.84	360.41	17.33	5.26	4108.67
49505.00	5.00	729.70	728.40	719.40	7700.00	734.14	0.	734.47	521.44	8.41	4.77	6059.30

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL OF GROUND	DISCHARGE (CFS)	CASEL	CRWS	ER	TOP TO	10KPS	TIME	VOL
44515.00	30.00	729.70	728.40	719.40	1100.00	730.68	0.	730.70	214.44	6.00	5.69	1104.88
44515.00	30.00	729.70	728.40	719.40	2300.00	730.91	0.	731.20	234.02	20.79	5.79	2245.80
44535.00	30.00	729.70	728.40	719.40	3900.00	731.93	0.	732.34	323.84	18.98	5.46	3509.31
44535.00	30.00	729.70	728.40	719.40	4900.00	732.51	0.	732.91	380.21	15.43	5.26	4109.32
44535.00	30.00	729.70	728.40	719.40	7700.00	734.17	0.	734.50	524.22	8.18	4.77	4060.47
44540.00	5.00	0.	0.	720.90	1100.00	730.83	0.	730.85	368.59	2.02	5.69	1104.98
44540.00	5.00	0.	0.	720.90	2300.00	731.45	0.	731.50	405.16	8.01	5.79	2246.01
44540.00	5.00	0.	0.	720.90	3900.00	732.52	0.	732.58	548.50	9.58	5.46	3509.48
44540.00	5.00	0.	0.	720.90	4900.00	733.04	0.	733.13	632.58	10.93	5.26	4109.52
44540.00	5.00	0.	0.	720.90	7700.00	734.55	0.	734.65	701.52	12.57	4.77	4060.77
44620.00	80.00	0.	0.	720.90	1100.00	730.85	0.	730.84	368.69	1.99	6.02	1107.60
44620.00	80.00	0.	0.	720.90	2300.00	731.51	0.	731.55	407.93	5.90	5.81	2249.08
44620.00	80.00	0.	0.	720.90	3900.00	732.60	0.	732.64	561.42	9.19	5.46	3513.47
44620.00	80.00	0.	0.	720.90	4900.00	733.13	0.	733.20	637.26	10.36	5.27	4114.05
44620.00	80.00	0.	0.	720.90	7700.00	734.65	0.	734.75	705.62	11.94	4.78	4067.20
50545.00	965.00	0.	0.	723.20	1100.00	731.18	0.	731.22	335.12	8.68	5.20	1223.22
50545.00	965.00	0.	0.	723.20	2300.00	732.33	0.	732.40	400.55	14.15	5.94	2302.25
50545.00	965.00	0.	0.	723.20	3900.00	733.70	0.	733.79	524.74	15.21	5.60	3559.33
50545.00	965.00	0.	0.	723.20	4900.00	734.33	0.	734.42	582.55	15.51	5.39	4147.32
50545.00	965.00	0.	0.	723.20	7700.00	735.96	0.	736.02	662.10	15.93	4.88	4142.82
51740.00	1155.00	0.	0.	725.50	1000.00	732.07	0.	732.08	770.46	6.37	6.48	1252.90
51740.00	1155.00	0.	0.	725.50	2100.00	733.35	0.	733.38	850.51	5.40	6.29	2391.70
51740.00	1155.00	0.	0.	725.50	3500.00	734.70	0.	734.71	930.36	4.63	5.91	3632.93
51740.00	1155.00	0.	0.	725.50	4300.00	735.31	0.	735.33	965.40	4.42	5.68	4253.13
51740.00	1155.00	0.	0.	725.50	6800.00	736.94	0.	736.97	1057.13	4.21	5.15	4243.77
53190.00	1450.00	0.	0.	727.50	1000.00	733.97	0.	734.35	168.20	66.80	6.46	1279.92
53190.00	1450.00	0.	0.	727.50	2100.00	735.04	0.	735.42	483.81	73.07	6.38	2403.27
53190.00	1450.00	0.	0.	727.50	3500.00	736.13	0.	736.35	878.23	49.52	6.03	3715.17
53190.00	1450.00	0.	0.	727.50	4300.00	736.65	0.	736.82	978.28	38.06	5.82	4353.18
53190.00	1450.00	0.	0.	727.50	6800.00	738.08	0.	738.15	1094.88	20.87	5.32	4415.92
53270.00	80.00	0.	0.	727.30	1000.00	734.44	0.	734.88	32.00	55.40	6.47	1280.40
53270.00	80.00	0.	0.	727.30	2100.00	735.68	0.	736.87	32.00	139.40	6.38	2404.11
53270.00	80.00	0.	0.	727.30	3500.00	736.42	0.	739.17	32.00	290.10	6.03	3716.64
53270.00	80.00	0.	0.	727.30	4300.00	736.61	736.41	740.57	32.00	407.83	5.83	4355.00
53270.00	80.00	0.	0.	727.30	6800.00	738.73	738.73	738.78	1109.37	9.99	5.34	4422.91
GLOVER ROAD	777.8 - 759.8											
53310.00	40.00	738.70	737.90	727.30	1000.00	734.72	0.	735.44	30.00	138.10	6.47	1280.58
53310.00	40.00	738.70	737.90	727.30	2100.00	736.27	0.	736.15	30.00	245.96	6.38	2404.31
53310.00	40.00	738.70	737.90	727.30	3500.00	737.58	737.58	741.18	30.00	375.64	6.03	3716.67
53310.00	40.00	738.70	737.90	727.30	4300.00	740.56	0.	740.57	1078.31	2.35	5.84	4357.38
53310.00	40.00	738.70	737.90	727.30	6800.00	741.17	0.	741.20	1121.18	4.11	5.34	4427.34

SECTION NUMBER	CHANNEL MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL OF GROUND	DISCHARGE (CFS)	CWSEL	CRWS	EG	TOPWID	10K+S	TIME	VOL
53300.00	40.00	0.	0.	727.50	1000.00	735.730.K. 0.10	735.7A	465.36	12.93	6.48	1241.40
53300.00	40.00	0.	0.	727.50	2100.00	738.410.K. 0.10	738.42	789.87	3.02	6.41	2406.83
53300.00	40.00	0.	0.	727.50	3500.00	741.540.K. 0.10	741.57	1123.71	.9A	6.06	3722.21
53300.00	40.00	0.	0.	727.50	4300.00	740.580.K. 0.100	740.50	1000.55	2.63	5.46	4345.84
53300.00	40.00	0.	0.	727.50	6000.00	741.200.K. 0.100	741.23	1110.91	4.52	5.36	4437.04
55745.00	2395.00	0.	0.	734.60	800.00	740.810.K. 0.	740.91	494.70	49.09	6.08	1317.25
55745.00	2395.00	0.	0.	734.60	1700.00	740.820.K. 0.82	741.23	497.04	190.12	6.55	2401.13
55745.00	2395.00	0.	0.	734.60	2800.00	742.10741.7	742.22	560.65	50.97	6.32	3908.57
55745.00	2395.00	0.	0.	734.60	3500.00	742.000.K. 0.	742.23	564.49	85.6A	6.06	2521.77
55745.00	2395.00	0.	0.	734.60	5200.00	743.300.K. 0.	743.43	650.36	42.5A	5.50	4632.84
57625.00	1840.00	0.	0.	740.00	800.00	745.62	745.64	350.44	15.80	7.33	1343.01
57625.00	1840.00	0.	0.	740.00	1700.00	747.05	747.00	397.09	12.35	6.89	2527.71
57625.00	1840.00	0.	0.	740.00	2800.00	747.65	747.73	415.09	19.6A	6.57	3964.74
57625.00	1840.00	0.	0.	740.00	3500.00	748.34	748.40	434.79	17.80	6.30	4543.53
57625.00	1840.00	0.	0.	740.00	5200.00	749.04	749.20	456.13	24.07	5.76	4717.59
58945.00	1340.00	0.	0.	740.30	800.00	747.70	747.74	357.14	15.3A	7.52	1342.50
58945.00	1340.00	0.	0.	740.30	1700.00	748.85	748.92	515.25	14.97	7.08	2543.11
58945.00	1340.00	0.	0.	740.30	2800.00	749.64	749.92	531.54	13.95	6.76	4012.60
58945.00	1340.00	0.	0.	740.30	3500.00	740.41	750.48	600.49	13.21	6.49	4641.10
58945.00	1340.00	0.	0.	740.30	5200.00	751.46	751.53	646.52	13.15	5.48	4790.12
59045.00	40.00	0.	0.	739.60	800.00	747.63	748.02	41.00	25.2A	7.53	1343.26
59045.00	40.00	0.	0.	739.60	1700.00	748.97	749.53	41.00	54.23	7.09	2544.34
59045.00	40.00	0.	0.	739.60	2800.00	749.88	751.07	41.00	127.0A	6.76	4014.41
59045.00	40.00	0.	0.	739.60	3500.00	750.35	751.92	41.00	139.02	6.47	4643.23
59045.00	40.00	0.	0.	739.60	5200.00	751.55	751.63	670.54	7.71	5.06	4795.40
GLOVER ROAD 749.00 - 752.90											
59045.00	40.00	751.00	749.00	739.30	800.00	747.95	748.13	41.00	22.07	7.53	1343.28
59045.00	40.00	751.00	749.00	739.30	1700.00	749.34	749.8A	41.00	125.21	7.09	2544.62
59045.00	40.00	751.00	749.00	739.30	2800.00	751.78	752.07	560.35	130.32	6.77	4014.89
59045.00	40.00	751.00	749.00	739.30	3500.00	753.07	753.24	642.68	63.42	6.50	4643.92
59045.00	40.00	751.00	749.00	739.30	5200.00	752.97	753.03	634.47	6.7A	5.08	4796.33
59165.00	40.00	0.	0.	740.30	720.00	748.23	748.27	394.33	10.64	7.55	1344.31
59165.00	40.00	0.	0.	740.30	1420.00	750.00	750.04	520.01	4.9A	7.11	2544.24
59165.00	40.00	0.	0.	740.30	2400.00	752.16	752.17	620.13	2.50	6.79	4018.04
59165.00	40.00	0.	0.	740.30	2950.00	753.30752.8	753.31	661.44	1.93	6.52	4648.17
59165.00	40.00	0.	0.	740.30	4200.00	753.05	753.07	654.10	4.55	6.00	4804.22
60100.00	435.00	0.	0.	741.80	800.00	749.38	749.42	474.76	14.71	7.73	1377.74
60100.00	435.00	0.	0.	741.80	1250.00	750.61	750.62	614.49	8.1A	7.34	2505.42
60100.00	435.00	0.	0.	741.80	2100.00	752.44	752.45	661.03	3.50	7.08	4073.50
60100.00	435.00	0.	0.	741.80	2600.00	753.50753.0	753.51	686.08	2.50	6.42	4719.22
60100.00	435.00	0.	0.	741.80	3500.00	753.48	753.50	687.56	4.50	6.22	4873.35

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH W	CWSEL DIFF EACH SECTION	CWSEL WSFLK	TOPWID	T.M. DIFF	LENGTH
1.000	2000.000	624.100	0.	0.	0.	2556.050	0.	0.
1.000	6300.000	624.652	.552	0.	0.	2420.123	-63.164	0.
1.000	12500.000	625.277	1.225	0.	0.	2450.363	-93.400	0.
1.000	15000.000	624.300	.423	0.	0.	2457.574	-100.615	0.
1.000	28000.000	624.128	1.228	0.	0.	2472.952	-114.003	0.
2.000	2200.000	624.148	0.	.048	0.	2553.912	0.	100.000
2.000	6300.000	624.750	.602	.098	0.	2624.627	-58.813	100.000
2.000	12500.000	625.978	1.229	.101	0.	2452.410	-84.594	100.000
2.000	15000.000	624.501	.403	.101	0.	2458.840	-67.730	100.000

C
C 1
C 1CRANE CR.-ROWAN CO.N.C.S.F.H.I.REPORT.CROSS SECTION PLOT FOR M.G.AND A.
T14-6-76.PROJ.CRANE CR..ROWAN COUNTY S.H.F.I.REPORT.NR.SALISBURY N.C..SUBJ.2,10,
T250,100,AND 500-YR.FLOOD FREQ.PROFILES EXIST.CONDS,100-YR.FLOODWAY PROFILE.

T3 CRANE C R 2-YR.FLOOD EXISTING CONDITIONS.CODING BY S.P.F.&C.E.K. CORPS

J1 2 624.1

J2 1 -1 -5 -100

NC .085 .085 .050 .1 .3

QT 6 2900 6300 12500 15000 15000 28000

NH 5 .085 1552 .05 1600 .085 1670 .05 1705 .085

NH 2800

X1 28340 32 1670 1705 28340 28340 28340

GR 643.4 0 631.0 75 626.2 105 622.0 175 622.3 340

GR 621.6 525 621.7 705 622.4 900 622.1 1020 622.9 1140

GR 623.2 1487 624.3 1552 619.5 1560 619.2 1580 618.6 1592

GR 624.3 1600 623.0 1625 624.9 1670 618.4 1675 616.8 1685

GR 620.2 1690 624.5 1705 622.7 1800 622.5 1975 622.9 2160

GR 623.5 2305 621.4 2455 622.2 2640 621.2 2735 624.0 2755

GR 628.9 2770 633.9 2800

X1 28440 100 100 100

X1 28540 100 100 100

QT 6 2100 4500 8200 10500 10500 18000

X1 29030 11 455 481 490 490 490 -2.925

NC .085 .085 .065 .1 .3

GR 641.6 0 625.0 150 625.5 330 625.7 440 626.2 455

GR 620.7 460 621.5 480 626.1 481 625.6 535 635.2 700

GR 639.9 860

M-G LISTING OF
CORP DECK

Crane Creek

616.8

X1	29520				490	490	490		.975	
X1	30010				490	490	490		.975	
X1	30500				490	490	490		.975	
X1	32000	14	835	870	1500	1525	1525			
GR	644.3	0	637.2	80	633.2	200	632.9	300	631.0	560
GR	627.8	730	628.8	835	624.8	840	622.2	860	628.4	870
GR	627.5	980	626.8	1000	634.1	1125	642.5	1175		
NC				.1	.3					
QT	6	2050	4400	8000	10000	10000	17500			
X1	33100	14	695	760	1100	1115	1115			
GR	645.7	0	637.8	150	633.8	305	633.0	370	629.1	540
GR	630.5	695	629.3	715	623.4	745	622.9	755	630.2	760
GR	629.5	1010	631.1	1190	635.0	1265	641.6	1400		
NC			.065	.6	.8					
X1	33180				80	80	80		.4	
X3	10							634.8	634.8	
SB	1.25	1.5	2.5	3	32	1.0	540	2.5	623.3	623.3
X1	33220	0	0	0	40	40	40		.3	
X2		1	633.7	634.8						
X3	10							634.8	634.8	
BT	7	0	639.7		110	635		225	634.8	
BT	485	635.6		568	635.9		750	636.6		815
BT	640.0									
X1	33300	15	665	706	80	80	80			
GR	646.0	0	633.6	240	632.0	385	630.5	425	629.9	640
GR	630.8	665	629.0	672	624.5	678	623.6	698	631.0	706
GR	631.5	715	630.2	727	630.8	765	630.5	775	645.9	810
NC	.090	.090	.065	.1	.3					

X1	36150 7675	19	470	520	2850 2750	2850 2750	2850 2750			
GR	652.0	0	642.3	70	635.7	245	637.0	290	637.0	330
GR	636.5	420	637.5	470	636.4	475	630.7	480	629.2	490
GR	630.9	505	637.3	520	636.8	550	636.2	610	636.2	790
GR	636.1	865	639.6	895	643.1	945	650.6	965		
QT	6	2000	4300	7900	9900	9900	17000			
X1	38600 9940	16	400	445	2450 2265	2450 2265	2450 2265			
GR	660.0	0	649.2	140	643.9	180	643.1	205	642.3	215
GR	643.1	325	642.5	340	644.0	400	636.0	410	635.0	425
GR	636.0	435	643.7	445	643.2	640	642.9	660	645.8	700
GR	662.7	770								
QT	6	1900	4100	7400	9200	9200	16000			
X1	40375 11625	18	505	550	1775 1685	1775 1685	1775 1685			
GR	661.5	0	652.0	90	650.3	140	651.2	160	649.2	265
GR	648.0	215	646.5	255	646.1	305	645.4	425	644.9	445
GR	646.8	505	640.0	510	639.1	515	640.0	545	646.1	550
GR	644.5	565	645.0	585	660.9	610				
X1	42375 13940	22	375	420	2000 2315	2000 2315	2000 2315			
GR	660.0	0	660.0	100	660.0	200	659.2	220	654.1	310
GR	654.9	335	651.0	365	652.2	375	644.5	380	644.8	410
GR	651.3	420	649.7	430	653.1	435	651.0	470	651.5	555
GR	652.5	585	651.0	605	652.2	680	652.8	670	655.9	940
GR	660.9	995	665.8	1020						
ET						0.4				
X1	44500 16150	19	455	550	2125 2210	2125 2210	2125 2210			
GR	668.5	0	666.0	65	657.9	145	656.5	195	654.2	455
GR	655.2	470	655.2	485	648.5	495	647.8	500	648.6	520
GR	654.5	520	655.5	550	653.3	555	653.3	565	655.8	575

X1	36150 7675	19	470	520	2850 2750	2850 2750	2850 2750			
GR	652.0	0	642.3	70	635.7	245	637.0	290	637.0	330
GR	636.5	420	637.5	470	636.4	475	630.7	480	629.2	490
GR	630.9	505	637.3	520	636.8	550	636.2	610	636.2	790
GR	636.1	865	637.6	895	643.1	945	650.6	965		
QT	6	2000	4300	7900	9900	9900	17000			
X1	38600 9948	16	400	445	2450 2265	2450 2265	2450 2265			
GR	660.0	0	649.2	140	643.9	180	643.1	205	642.3	215
GR	643.1	325	642.5	340	644.0	400	636.0	410	635.0	425
GR	636.0	435	643.7	445	643.2	640	642.9	660	645.8	700
GR	662.7	770								
QT	6	1900	4100	7400	9200	9200	16000			
X1	40375 11635	18	505	550	1775 1685	1775 1685	1775 1685			
GR	661.5	0	652.0	90	650.3	140	651.2	160	649.2	165
GR	648.0	215	646.5	255	646.1	305	645.4	425	644.9	445
GR	646.8	505	640.0	510	639.1	515	640.0	545	646.1	550
GR	644.5	565	645.0	585	660.9	610				
X1	42375 13948	22	375	420	2000 2315	2000 2315	2000 2315			
GR	660.0	0	660.0	100	660.0	200	659.2	220	654.1	310
GR	654.9	335	653.0	365	652.2	375	644.5	380	644.8	410
GR	651.3	420	649.7	430	653.1	435	651.0	470	651.5	555
GR	652.5	585	651.0	605	652.2	680	652.8	870	655.9	940
GR	660.9	975	665.8	1020						
ET						0.4				
X1	44500 16150	19	455	550	2125 2210	2125 2210	2125 2210			
GR	668.5	0	666.0	65	657.9	145	655.5	195	654.2	455
GR	655.2	470	655.2	485	648.5	495	647.8	500	648.6	520
GR	654.5	520	655.5	550	653.3	555	653.3	565	655.8	575

GR 656.1	615	659.5	625	664.2	715	670.8	745		
NC			.6	.8					
X1 16230 ⁴⁴⁵⁸⁰				80	80	80		3.2	
X3 10							674.0	674.0	
SB 1.25	1.5	2.5	0	60	3.0	855	0	651.0	651.0
X1 16270 ⁴⁴⁶²⁰	0	0	0	40	40	40			
X2		1	666.0	674.0					
X3 10							674.0	674.0	
BT 4	310	680.0		420	674.0		1220	674.0	
BT 1300	680								
X1 16350 ⁴⁴⁷⁰⁰	17	475	320	80	80	80			
GR 670.2	0	665.9	165	662.1	260	660.2	350	655.1	430
GR 654.9	455	655.2	475	648.7	480	648.2	490	649.2	500
GR 653.0	505	655.5	520	655.2	545	658.0	610	660.8	625
GR 667.6	635	671.1	690						
NC			.1	.3					
BT 6	1830	3900	7000	8600	8600	15000			
NH 5	.09	470	.065	515	.09	915	.065	955	.09
NH 1000 ✓									
EY					10.4				
X1 14575 ⁴⁷¹⁰⁰	22	470	515	2400	2400	2400			
GR 682.0	0	679.0	35	666.6	305	663.8	420	665.7	455
GR 666.2	470	658.8	480	650.4	500	664.0	505	666.2	515
GR 665.7	525	665.5	600	665.1	755	666.2	890	665.3	915
GR 657.2	915	658.1	925	658.1	935	662.8	940	665.1	955
GR 666.5	365	679.1	1000						
NC .09	.09	.065	.1	.3					
BT 6	1750	3700	6600	8200	8200	14000			

X1	48700 20020	19	330	368	1600 1445	1600 1445	1600 1445			
GR	684.3	0	672.3	75	668.5	135	668.9	225	670.3	330
GR	662.8	340	661.8	350	662.5	364	669.4	368	670.1	395
GR	668.9	470	669.7	480	670.7	540	668.8	590	672.6	770
GR	675.5	1225	676.7	1275	679.2	1350	690.0	1500		
NC	.085	.085		.1	.3					
X1	50700 21940	17	445	485	2000 1920	2000 1920	2000 1920			
GR	685.5	0	685.5	100	685.5	200	676.5	300	676.3	345
GR	675.8	408	676.2	439	675.7	445	669.3	450	669.0	465
GR	669.1	480	676.1	485	675.8	535	675.0	590	674.0	625
GR	674.9	710	704.7	862						
Q7	6	1700	3600	6400	8000	8000	13600			
X1	53150 24560	18	965	1000	2450 2620	2450 2620	2450 2620			
GR	713.9	0	714.2	15	710.1	25	702.6	125	698.2	175
GR	691.0	385	688.0	450	679.9	730	679.2	820	678.9	840
GR	678.8	900	679.2	950	679.1	965	671.8	975	672.2	995
GR	679.5	1000	682.1	1155	702.5	1220				
VC	.09	.09	.065	.1	.3					
X1	55000 26340	16	335	370	1850 1780	1850 1780	1850 1780			
GR	705.9	0	698.0	90	686.4	140	686.3	155	686.1	183
GR	686.2	241	686.2	271	686.2	325	686.1	335	678.7	345
GR	678.2	355	678.8	365	684.7	370	682.9	382	695.8	388
GR	700.7	408								
X1	57300 28930	17	460	530	2300 2590	2300 2590	2300 2590			
GR	710.0	0	700.0	185	699.2	215	694.1	270	691.9	345
GR	691.4	395	691.9	440	691.8	460	691.1	495	684.0	490
GR	683.9	500	684.9	520	691.1	530	695.6	700	696.1	750
GR	699.9	845	704.9	920						

NC		.6	.8							
X1 ⁵⁷³⁰⁰ 29010			80	80	80		1.1			
X3 10						697.2	697.2			
SB 1.25	1.5	2.5	0	31	2.0	619	1.9	685.0	685.0	
X1 ⁵⁷⁴²⁰ 29030	0	0	0	40	40	40		-1.3		
X2		1	695.6	697.2						
X3 10						697.2	697.2			
BT 7	0	708.6		210	699.7		300	697.8		
BT 400	697.3		470	697.2		590	697.8		920	
BT 706.1										
X1 ⁵⁷⁵⁰⁰ 29130	13	255	285	80	80	80				
GR 706.7	0	695.4	90	693.0	145	692.0	255	684.3	260	
GR 683.1	280	689.1	285	690.2	360	690.6	390	691.8	480	
GR 693.8	590	698.0	690	706.3	830					
QT 6	1650	3500	6200	7800	7800	13200				
X1 ⁵⁸⁰⁰⁰ 30220	20	425	520	¹¹⁰⁰ 1090	¹¹⁰⁰ 1090	¹¹⁰⁰ 1090				
GR 708.5	0	701.1	170	698.0	185	694.2	335	695.8	418	
GR 695.2	425	685.6	445	685.5	459	686.1	465	688.2	470	
GR 690.2	480	690.2	500	693.6	510	694.5	520	694.1	550	
GR 695.9	685	696.8	730	699.0	770	705.0	830	709.2	880	
X1 ⁵⁸⁶⁸⁰ 30260			⁸⁰ 40	⁸⁰ 40	⁸⁰ 40			-1.3		
X3 10						700.0	700.0			
SB 0	1.5	3.0	0	35	0	540	.81	686.8	686.2	
X1 ⁵⁸⁷⁰⁰ 30380	27	430	480	²⁰ 120	²⁰ 120	²⁰ 120		-1.3		
X2		1	697.0	700.0						
X3 10						700.0	700.0			
BT 9	0	706.5		10	706.1		100	703.4		
BT 200	703.3		430	700.1	697.0	480	700.1	697.0	800	

BT 701.6		880	704.0		930	708.5			
GR 708.5	0	707.5	10	704.0	100	701.1	170	698.0	185
GR 697.8	200	694.2	335	695.8	418	695.2	425	695.5	430
GR 685.6	445	695.5	459	686.1	465	688.2	470	690.2	480
GR 690.2	500	693.6	510	694.5	520	694.1	530	693.9	685
GR 696.8	730	699.0	770	702.0	800	705.0	830	708.7	880
GR 709.2	885	716.5	980						
X1 ⁵⁸⁸⁰⁰ 30420	26	245	280	¹⁰⁰ 40	¹⁰⁰ 40	¹⁰⁰ 40			
GR 706.2	0	702.0	115	702.0	128	693.9	209	693.5	235
GR 693.0	245	690.9	249	686.1	250	685.5	275	692.2	280
GR 693.3	315	693.0	330	693.1	348	693.3	375	693.2	395
GR 693.4	410	693.3	430	694.1	440	694.0	450	694.1	495
GR 694.2	635	694.7	725	693.3	740	693.3	775	695.5	870
GR 706.7	900								
NC .08	.08	.065	0.1	0.3					
^{GT} 6	1600	3400	6000	7400	7400	12600			
X1 ⁶²¹⁰⁰ 33730	26	580	605	³³⁰⁰ 3310	³³⁰⁰ 3310	³³⁰⁰ 3310			
GR 717.6	0	711.0	100	704.3	200	700.5	261	698.0	345
GR 697.4	430	697.0	450	697.1	490	698.7	510	697.7	570
GR 698.3	580	691.2	585	690.7	592	690.9	602	696.6	605
GR 698.0	710	696.9	740	698.7	795	697.4	835	697.0	920
GR 701.3	1170	706.2	1335	706.5	1400	709.0	1420	710.7	1440
GR 712.9	1550								
X1 ⁶²⁷⁰⁰ 34300	40	850	1150	⁶⁰⁰ 570	⁶⁰⁰ 570	⁶⁰⁰ 570	8.5		
GR 708.0	0	707.1	50	705.7	100	703.7	150	702.6	200
GR 700.7	250	699.2	300	697.4	350	697.4	400	697.0	450
GR 696.6	500	696.2	550	695.7	600	695.4	650	695.1	700
GR 695.1	750	695.2	800	695.9	850	693.2	900	690.6	950

GR 691.7	983	685.0	986	684.2	1000	685.6	1014	695.1	1019
GR 695.1	1050	691.0	1100	691.4	1150	691.5	1200	691.6	1250
GR 691.6	1300	691.9	1350	691.7	1400	691.7	1450	692.0	1500
GR 692.8	1550	700.9	1600	705.0	1700	706.3	1800	708.0	1940
NC .08	.08	.065	.6	.8					
X1 34380	0			80	80	80			
X3 10	0	0	0				709.0	709.0	
SB .95	1.5	3.0	0	30	15	1960	7.1	692.8	692.8
X1 34420	40	850	1150	40	40	40		8.5	
X2		1	706.8	709.0					
X3 10							709.0	709.0	
BT 8	0	722.7		950	709.4		1050	709.0	
BT 1150	709.0		1203	709.0		1250	709.1		1600
BT 713.2		1940.0	716.5						
GR 708.0	0	707.1	50	705.7	100	703.7	150	702.6	200
GR 700.7	250	699.2	300	697.4	350	697.4	400	697.0	450
GR 696.8	500	696.2	550	695.7	600	695.4	650	695.1	700
GR 695.1	750	695.2	800	695.9	850	693.2	900	690.6	950
GR 691.7	983	685.0	986	684.2	1000	685.6	1014	695.1	1019
GR 691.5	1050	691.0	1100	691.4	1150	691.5	1200	691.6	1250
GR 691.6	1300	691.9	1350	691.7	1400	691.7	1450	692.0	1500
GR 692.8	1550	700.9	1600	705.0	1700	706.3	1800	708.0	1940
X1 34500	37	934	967	80	80	80		8.5	
GR 709.0	0	706.7	50	703.6	100	701.8	150	700.6	200
GR 700.1	250	698.7	300	698.5	350	697.9	400	697.2	450
GR 696.2	500	695.0	550	694.4	600	694.2	650	693.4	700
GR 692.9	750	692.3	800	691.8	850	692.2	900	692.0	934
GR 686.7	937	685.5	950	685.2	963	692.8	967	691.1	1000

GR 691.4	1050	691.5	1100	691.6	1150	692.2	1200	692.0	1250
GR 693.1	1300	694.0	1350	696.0	1400	699.3	1450	700.0	1500
GR 702.5	1600	705.0	1700						
OT 6	1470	3100	5400	6700	6700	11200			
X1 35860 64250	19	1000	1030	1350	1350	1350			
GR 715.0	0	710.5	350	707.8	490	708.5	510	710.4	550
GR 706.2	575	703.3	695	702.3	970	703.5	995	702.9	1000
GR 696.7	1005	696.5	1025	703.0	1030	703.4	1035	703.0	1050
GR 703.4	1125	707.4	1230	715.8	1320	709.1	1335		
NC				.8					
ET					0.4				
X1 35940 64330			80	80	80		0.5		
X3 10						707.1	707.1		
SB 0	1.5	3.0	0	32	0	910	.69	697.0	697.0
X1 35980 64370	23	990	1035	40	40	40			
X2		1	707.2	707.1					
X3						707.1	707.1		
BT 9	0	724.2		350	716.7		745	707.2	
BT 803	707.1		945	709.0		990	709.2	707.2	1035
BT 709.2	707.2	1085	710.0		1335	720.0			
GR 715.0	0	710.5	350	707.8	490	708.5	510	710.4	550
GR 706.2	575	703.3	695	703.1	745	703.0	803	702.5	945
GR 702.3	970	703.3	990	702.9	1000	697.0	1005	697.0	1025
GR 703.0	1030	703.4	1035	703.0	1050	703.1	1085	703.4	1125
GR 707.4	1230	715.8	1320	709.1	1335				
NC .085	.085	.065	.1	.3					
X1 36060 64450	21	1695	1728	80	80	80			
GR 716.0	700	712.5	950	709.5	1200	708.1	1210	705.5	1270

GR	707.8	1360	702.9	1480	703.3	1510	703.5	1595	703.0	1633
GR	702.0	1650	703.1	1675	703.2	1695	698.4	1698	697.1	1710
GR	698.3	1717	703.9	1728	706.5	1745	706.6	1760	710.3	1815
GR	719.8	1895								
ET						10.4				
X1	⁶⁵⁶⁰⁰ 37270	19	670	710	¹¹⁵⁰ 1210	¹¹⁵⁰ 1210	¹¹⁵⁰ 1210			
GR	719.4	0	714.5	120	712.0	230	710.9	360	707.9	437
GR	707.8	515	705.8	585	706.0	610	705.8	650	706.5	670
GR	698.5	678	698.3	690	699.3	700	708.6	710	710.4	720
GR	712.7	780	712.7	840	711.4	860	721.8	880		
NC				.6	.8					
X1	⁶⁵⁶⁷⁵ 37345				75	75	75		0.8	
X3	10							711.2	711.2	
SB	0	1.5	3.0	0	22	0	430	.89	699.1	699.1
NC	.090	.090	.065	.6	.8					
X1	⁶⁵⁷²⁵ 37395	22	655	705	50	50	50		.3	
X2			1	710.2	711.2					
X3	10							711.2	711.2	
BT	8	0	721.1		95	717.3		210	713.9	
BT	400	711.3		500	711.2		655	712.1	710.2	705
BT	712.1	710.2	910	716.3						
GR	720.7	0	717.9	60	716.3	95	714.8	135	713.1	210
GR	711.4	285	708.1	340	707.7	400	706.9	485	707.0	500
GR	707.1	575	704.5	605	706.1	625	705.7	655	698.8	665
GR	699.1	682	705.6	690	705.9	705	706.2	725	710.2	805
GR	715.2	865	720.3	910						
X1	⁶⁵⁸⁰⁰ 37470	18	655	690	75	75	75		0.1	
GR	720.7	0	717.9	60	716.3	95	714.8	135	711.4	285

GR 703.1	340	706.9	485	707.1	575	704.5	605	706.1	625
GR 705.7	655	699.8	665	699.2	682	705.6	690	706.2	725
GR 710.2	805	715.2	865	710.3	910				
X1 39900 ⁶⁷⁹⁰⁰	29	955	985	2100 ²¹⁰⁰	2430 ²¹⁰⁰	2430 ²¹⁰⁰			
GR 723.6	0	718.9	85	720.5	130	718.1	200	720.2	215
GR 720.2	240	717.2	250	716.7	315	714.5	390	713.1	620
GR 714.0	710	715.0	790	715.0	820	714.0	838	710.8	850
GR 710.3	885	710.7	905	711.3	945	710.7	955	704.5	960
GR 705.0	978	710.4	985	710.1	1045	710.1	1075	710.4	1105
GR 714.4	1145	718.0	1200	717.5	1250	725.5	1345		
NC .085	.085	.065	.6	.8					
BT ⁷⁰⁴⁰⁰	6	1370	2850	4950	6200	6200	10200		
X1 42435 ⁷⁰⁴⁰⁰	19	510	615	2535 ²⁵⁰⁰	2535 ²⁵⁰⁰	2535 ²⁵⁰⁰			
GR 728.5	1	724.0	100	724.0	200	721.9	265	714.0	320
GR 714.5	420	714.0	439	713.0	510	714.3	575	711.0	583
GR 707.8	587	707.0	598	708.3	605	714.3	615	715.1	625
GR 718.8	638	710.9	649	724.0	660	728.5	678		
NC			.6	.8					
X1 42505 ⁷⁰⁴⁷⁰				70	70	70		2.5	
X3 10							722.9	722.9	
SB 1.05	1.5	2.5	0	52	4.0	735	2.7	709.5	709.5
X1 42565 ⁷⁰⁵³⁰	0	0	0	60	60	60			
X2		1	720.4	722.9					
X3 10							722.9	722.9	
BT 6	0	728.5		100	724.0		532	722.9	
BT 650	722.9		835	723.8		1010	728.5		
X1 42635 ⁷⁰⁶⁰⁰	28	905	949	70	70	70			
GR 735.0	0	719.5	100	719.5	200	713.6	325	713.1	395

GR 714.4	490	714.7	530	715.0	625	713.9	650	714.7	695
GR 714.7	825	715.5	905	707.2	910	707.7	920	709.5	930
GR 712.5	935	712.7	945	714.2	949	715.1	1000	714.2	1040
GR 714.5	1055	714.7	1110	714.3	1135	714.3	1180	714.3	1245
GR 715.8	1315	723.3	1345	740.0	1400				
NC			.1	.3					
QT 6	1250	2600	4500	5600	5600	9100			
X1 72300	19	929	969	1700	1700	1700			
X1 45250				2615	2615	2615			
GR 742.4	0	740.7	130	730.0	350	723.4	525	721.8	665
GR 717.8	710	717.8	772	717.5	850	717.1	929	711.0	934
GR 710.6	940	716.0	963	717.8	969	718.0	989	719.4	1025
GR 723.5	1100	728.0	1130	731.4	1200	740.9	1300		
QT 6	1100	2300	3900	4800	4800	7700			
X1 75200	15	195	225	2900	2900	2900			
X1 47500				2250	2250	2250			
GR 731.1	0	726.2	75	722.4	180	722.8	195	718.5	200
GR 718.7	210	718.5	220	723.5	225	724.0	275	724.2	280
GR 722.9	335	725.0	360	727.2	390	731.7	400	735.5	420
NH 5	.09	425	.065	442	.09	540	.065	565	.09
NH 845									
X1 77200	22	425	442	2000	2000	2000			
X1 49420				1920	1920	1920			
GR 746.2	0	746.2	100	733.0	200	728.1	325	728.9	350
GR 727.6	370	726.3	379	725.5	400	725.6	425	721.1	428
GR 721.3	440	725.8	442	725.9	495	726.8	540	721.1	545
GR 720.5	552	720.1	559	727.5	565	729.5	680	731.4	730
GR 733.5	760	746.2	845						
NC			.6	.8					
X1 77230				80	80	80			
X1 49500									
X3 10							729.6	729.6	

	78320				920	920	920			
X1	50585	17	510	530	965	965	965			
GR	746.2	0	736.0	135	730.5	435	729.0	510	723.2	511
GR	723.7	525	728.6	530	728.3	600	727.3	690	731.6	715
GR	725.5	725	725.3	730	725.6	735	732.6	740	733.7	785
GR	742.5	840	746.0	850						
QT	6	1000	2100	3500	4300	4300	6800			
NH	5	.09	460	.065	490	.09	1000	.065	1015	.09
NH	1335									
X1	79420	22	460	490	1100	1100	1100			
GR	743.3	0	740.2	45	731.9	460	726.2	465	725.5	470
GR	726.3	480	728.9	483	732.1	490	731.2	520	730.5	650
GR	730.2	715	730.4	805	730.4	895	731.0	1000	726.7	1003
GR	726.2	1010	731.1	1015	729.9	1040	730.2	1160	729.5	1215
GR	735.3	1255	748.0	1335						
NC	.08	.08	.065	.1	.3					
X1	81000	19	960	992	1580	1580	1580			
GR	752.6	0	749.1	25	737.3	160	737.0	210	736.0	380
GR	735.8	595	735.9	630	734.7	750	734.1	835	734.1	960
GR	727.8	963	727.5	970	727.9	980	734.0	992	732.9	1105
GR	735.9	1235	740.7	1260	747.0	1275	752.0	1310		
NC			.6	.8						
ET						0.4				
X1	81080				80	80	80			
X3	10							738.7	738.7	
SB	0	1.5	2.5	0	20	0	330	.76	727.7	728.3
X1	81120	23	785	815	40	40	40			
X2			1	737.9	738.7					
X3	10							738.7	738.7	

BT 6 145 741.0 660 738.7 785 740.0 737.9

BT 815 739.8 737.9 970 740.2 1215 750.5

GR 749.4 0 749.1 10 740.4 40 740.1 65 741.0 145

GR 738.8 265 738.9 285 735.8 410 737.5 455 734.9 665

GR 733.1 785 730.5 795 728.0 798 727.5 808 730.2 809

GR 733.6 815 734.3 925 734.2 970 734.0 1060 736.7 1065

GR 738.0 1085 740.6 1150 747.0 1215

NC .08 .08 .065 .1 .3

X1 ⁸¹²⁰⁰53390 22 785 815 80 80 80

GR 749.4 0 749.1 10 740.4 40 740.1 65 741.0 145

GR 738.8 265 738.9 285 735.8 410 737.5 455 734.9 665

GR 733.1 785 730.5 795 728.0 798 727.5 808 730.2 809

GR 733.6 815 734.3 925 734.0 1060 736.7 1065 738.0 1085

GR 740.6 1150 747.0 1215

NC .1 .3

OT 6 840 1700 2800 3500 3500 5200

ET ⁸³³⁷⁵83375 14 722 740 ²¹⁷⁵2395 10.4 ²¹⁷⁵2395 ²¹⁷⁵2395

GR 750.0 0 740.1 52 744.3 295 743.0 299 743.0 335

GR 739.5 525 740.0 710 739.8 722 735.5 725 734.6 730

GR 735.4 735 740.0 740 740.0 948 752.2 983

NC .09 .09 .065 .1 .3
X1 ⁸⁵²⁵⁰57625 15 339 358 ¹⁸⁷⁵1840 ¹⁸⁷⁵1840 ¹⁸⁷⁵1840

GR 755.7 0 755.7 100 750.3 200 744.2 320 743.0 339

GR 740.0 340 740.0 348 740.3 353 743.5 358 743.5 550

GR 743.9 570 745.0 640 747.4 665 752.8 710 755.7 730

NC .08 .08 .065 .1 .3
X1 ⁸⁶⁷⁰⁰58965 17 582 623 ¹⁴⁵⁰1340 ¹⁴⁵⁰1340 ¹⁴⁵⁰1340

GR 759.5	0	754.0	150	749.3	270	748.0	368	745.0	520
GR 746.2	545	746.2	582	744.3	592	740.6	597	740.3	605
GR 741.0	612	744.9	620	746.2	623	747.7	740	748.9	823
GR 757.6	953	762.0	1010						
NC			.6	.8					
X1 ⁸⁶⁷⁸⁰ 59045			80	80	80			-.7	
X3 10							751.0	751.0	
SB 0	1.5	2.5	0	30	0	410	1.08	741.0	741.0
X1 ⁸⁶⁸²⁰ 59085	19	582	623	40	40	40		-.7	
X2		1	749.0	751.0					
X3 10							751.0	751.0	
BT 6	0	755.7		15	755.2		582	750.9	749.0
BT 623	750.9	749.0	795	751.9		1010	761.3		
GR 759.5	0	759.0	15	754.0	150	749.3	270	756.0	368
GR 745.0	520	746.2	545	746.2	582	744.3	592	740.6	597
GR 740.3	605	740.	612	744.9	620	746.2	623	747.7	740
GR 748.5	795	748.9	823	757.6	953	762.0	1010		
QT 6	720	1420	2400	2950	2950	4200			
NC .08	.08	.065	.1	.3					
X1 ⁸⁸⁹⁰⁰ 59165	14	425	445	80	80	80			
GR 760.9	0	754.7	100	750.0	180	746.7	295	747.2	425
GR 740.8	430	740.3	435	740.6	402	745.5	445	746.2	532
GR 747.0	560	747.2	598	751.5	765	756.8	825	760.9	905
NC			.1	.3					
QT 6	640	1250	2100	2600	2600	3500			
NC .085	.085	.065	.1	.3					
X1 ⁸⁷⁸⁰⁰ 60100	17	270	298	⁹⁰⁰ 935	⁹⁰⁰ 935	⁹⁰⁰ 935			
GR 760.5	0	756.1	40	748.6	155	748.4	220	747.5	270

GR 742.2	275	741.9	280	741.8	285	746.8	290	748.5	298
GR 748.1	330	748.3	555	750.2	665	750.0	735	758.5	815
GR 761.1	885	763.0	890						

EJ

T14-6-76.PROJ.CRANE CR..ROWAN COUNTY S.H.F.I.REPORT.NR.SALISBURY N.C..SUBJ.2,10,
T250,100,AND 500-YR.FLOOD FREQ.PROFILES EXIST.CONDS.100-YR.FLOODWAY PROFILE.

T3 CRANE CR.10-YR.FLOOD EXISTING CONDITIONS.CODING BY S.P.F.&C.E.K.CORPS

J1 3 .00102 624.1

J2 2 -1

T14-6-76.PROJ.CRANE CR..ROWAN COUNTY S.H.F.I.REPORT.NR.SALISBURY N.C..SUBJ.2,10,
T250,100,AND 500-YR.FLOOD FREQ.PROFILES EXIST.CONDS.100-YR.FLOODWAY PROFILE.

T3 CRANE CR.50-YR.FLOOD EXISTING CONDITIONS.CODING BY S.P.F.&C.E.K.CORPS

J1 4 .00102 625.97

J2 3 -1

T14-6-76.PROJ.CRANE CR..ROWAN COUNTY S.H.F.I.REPORT.NR.SALISBURY N.C..SUBJ.2,10,
T250,100,AND 500-YR.FLOOD FREQ.PROFILES EXIST.CONDS.100-YR.FLOODWAY PROFILE.

T3 CRANE CR.100-YR.FLOOD EXISTING CONDITIONS.CODING BY S.P.F.&C.E.K.CORPS

J1 5 .00102 626.39

J2 4 -1

T14-6-75.PROJ.CRANE CR..ROWAN COUNTY S.H.F.I.REPORT.NR.SALISBURY N.C..SUBJ.2,10,
T250,100,AND 500-YR.FLOOD FREQ.PROFILES EXIST.CONDS.100-YR.FLOODWAY PROFILE.

T3 CRANE CR.500-YR.FLOOD EXISTING CONDITIONS.CODING BY S.P.F.&C.E.K.CORPS

J1 7 .00102 628.21

J2 15 -1

ER

J1		5								626.30
J2	1		-1							
J3	-5	43	42	23	24	41	45	40	44	1
J3	2	3	8	0	38	39	13	14	15	16
J3	17	18	25	55	26	56	8	0	38	43
J3	53	54	4	8	34	27	28	31	32	36
J3	9	0	38	43	1	50	51	0	105	

ET

10.4

T14-6-76.PROJ.CRANE CR..ROWAN COUNTY S.H.F.I.REPORT.NR.SALISBURY N.C..SUBJ.2,10,
T250,100,AND 500-YR.FLOOD FREQ.PROFILES EXIST.CONDS.100-YR.FLOODWAY PROFILE.

T3 100-YR.FLOOD FLOODWAY CONDITIONS.CODING BY S.P.F.&C.E.K.CORPS

J1 6 627.30

CRANE CREEK

W-X-Y-Z

M-G

X1	89125	15	1442	1470	1350 1325	1350 1325	1350 1325			-2.6
GR	768.3	1000	763.7	1100	758.8	1200	757.8	1300	755.0	1400
GR	755.4	1442	751.3	1451	750.5	1456	750.1	1461	755.8	1470
GR	756.0	1500	756.4	1600	758.1	1700	762.6	1800	764.7	1830
X1	89175	19	1400.3	1413.8	50	50	50			
GR	767.2	1000	762.4	1051	757.5	1151	756.5	1251	753.7	1351
GR	754.1	1393	751.4	1400.3	752.0	1401	749.4	1404	749.2	1407
GR	749.4	1410	750.0	1413	751.4	1413.8	754.5	1421	754.7	1451
GR	755.1	1551	756.8	1651	761.3	1751	763.7	1800		
SB	0.9	1.5	2.5	0	13.5	0.01	88			
X1	89227	0	0	0	52	52	52			
X2			1	757.2						
BT	15	1000	767.2	0	1100	762.5	0	1200	759.6	0
BT	1300	758.6	0	1400.3	759.2	751.4	1401	759.2	753.5	1404
BT	759.2	756.4	1407	759.2	757.2	1410	759.2	756.4	1413	759.2

BT 753.5	1413.8	759.2	751.4	1500	758.5	0	1600	759.0	0
BT 1700	760.6	0	1800	763.7	0				
X1 89277 ⁸⁹³⁰²	15	1442	1470	50	50	50			
GR 768.3	1000	763.7	1100	758.8	1200	757.8	1300	755.0	1400
GR 755.4	1442	751.3	1451	750.5	1456	750.1	1461	755.8	1470
GR 756.0	1500	755.4	1600	758.1	1700	762.6	1800	764.7	1830
X1 92350	12	1400	1413	3048 3073	3048 3073	3048 3073			
GR 778.9	1000	774.3	1100	772.8	1200	771.4	1300	772.2	1400
GR 767.8	1403	767.7	1408	767.8	1412	770.6	1413	774.3	1469
GR 781.1	1500	787.3	1530						
X1 94900	11	1189	1200	2550	2550	2550			
GR 807.3	1000	793.7	1100	790.1	1138	789.4	1189	785.6	1190
GR 785.3	1194	785.7	1198	790.1	1200	793.1	1300	803.4	1400
GR 805.0	1406								
X1 96927	13	1170	1174	2027	2027	2027			
GR 830.6	1000	819.3	1100	814.2	1160	811.7	1165	810.9	1170
GR 808.9	1171	808.9	1172	808.9	1173	811.2	1174	816.0	1200
GR 823.1	1300	823.1	1400	824.0	1500				
X1 96977	18	1243.2	1246.8	50	50	50			
GR 833.1	1000	826.4	1100	824.4	1150	821.6	1173	816.5	1233
GR 814.0	1238	813.0	1243.2	812.2	1243.4	811.5	1244	811.2	1245
GR 811.5	1246	812.2	1246.6	813.0	1246.8	818.3	1273	823.0	1340
GR 823.9	1400	824.7	1500	824.2	1600				
SB 0.9	1.5	2.5	0	3.6	0.01	10			
X1 97023	0	0	0	46	46	46			
X2		1	814.8						
BT 14	1000	833.1	0	1100	826.4	0	1200	822.2	0
BT1243.2	821.6	813.0	1243.4	821.6	813.8	1244	821.6	814.5	1245

BT 821.6	814.8	1246	821.6	814.5	1246.6	821.6	813.8	1246.8	821.6
BT 813.0	1300	822.3	0	1400	823.9	0	1500	824.7	0
BT 1600	824.2	0							
X1 97073	13	1170	1174	50	50	50		+4.1	
GR 830.6	1000	819.3	1100	814.2	1160	811.7	1165	810.9	1170
GR 808.9	1171	808.9	1172	808.9	1173	811.2	1174	816.0	1200
GR 823.1	1300	823.1	1400	824.0	1500				

C

C 1

1 CRANE CR. - ROWAN CO. N.C. S.F.H.I. REPORT. CROSS SECTION PLOT FOR M.G. AND A.

T14-6-76, PROJ. CRANE CR., ROWAN COUNTY S.H.F.I. REPORT. NR. SALISBURY N.C.. SUBJ. 2, 10,

T250, 100, AND 500-YR. FLOOD FREQ. PROFILES EXIST. CONDS. 100-YR. FLOODWAY PROFILE.

T3 CRANE CR 2-YR. FLOOD EXISTING CONDITIONS. CODING BY S.P.F. & C.E.R. CORPS

J1 2 624.1

J2 1 -1 -5 -100

NC .085 .085 .050 .1 .3

QT 6 2900 6300 12500 15000 15000 28000

NH 5 .085 1552 .05 1600 .085 1670 .05 1705 .085

NH 2800

X1 1 32 1670 1705

GR 643.4 0 631.8 75 626.2 105 622.0 175 622.3 540

GR 621.6 525 621.7 705 622.4 900 622.1 1020 622.9 1140

GR 623.2 1487 624.3 1552 619.5 1560 619.2 1580 618.6 1592

GR 624.3 1600 623.0 1625 624.9 1670 618.4 1675 616.8 1685

GR 620.2 1690 624.5 1705 622.7 1800 622.5 1975 622.9 2160

GR 623.5 2305 621.4 2455 622.2 2640 621.2 2735 624.0 2755

GR 628.9 2770 633.9 2800

X1 2 100 100 100

X1 125 100 100 100

QT 6 2100 4500 8200 10500 10500 18000

X1 3 11 455 481 490 490 490 -2.925

NC .085 .085 .065 .1 .3

GR 641.6 0 625.0 150 625.5 330 625.7 440 626.2 455

GR 620.7 460 621.5 480 626.1 481 625.6 535 635.2 700

GR 639.9 860

CRANE CREEK

CORP DECK

X1	4			490	490	490	.975			
X1	5			490	490	490	.975			
X1	2085			490	490	490	.975			
X1	3610	14	835	870	1525	1525	1525			
GR	644.3	0	637.2	80	633.2	200	632.9	300	631.0	560
GR	627.8	730	628.8	835	624.8	840	622.2	860	628.4	870
GR	627.5	980	626.8	1000	634.1	1125	642.5	1175		
NC			.1	.3						
QT	6	2050	4400	8000	10000	10000	17500			
X1	4725	14	695	760	1115	1115	1115			
GR	645.7	0	637.8	150	633.3	305	633.0	370	629.1	540
GR	630.5	695	629.3	715	623.4	745	622.9	755	630.2	760
GR	629.5	1010	631.1	1190	635.0	1265	641.6	1400		
NC		.065	.6	.8						
X1	4805			80	80	80	.4			
X3	10						634.8	634.8		
SB	1.25	1.5	2.5	0	32	1.0	540	2.5	623.3	623.3
X1	4845	0	0	0	40	40	40	.3		
X2		1	633.7	634.8						
X3	10						634.8	634.8		
BT	7	0	639.7	110	635	225	634.8			
BT	485	635.6	568	635.9	750	636.6	815			
BT	640.0									
X1	4925	15	665	706	80	80	80			
GR	646.0	0	633.6	240	632.0	385	630.5	425	629.9	640
GR	630.8	665	629.0	672	624.5	678	623.6	698	631.0	706
GR	631.5	715	630.2	727	630.8	765	630.5	775	645.9	810
NC	.090	.090	.065	.1	.3					

	X1	7675	19	470	520	2750	2750	2750			
1											1
2	GR	652.0	0	642.3	70	635.7	245	637.0	290	637.0	330
3											3
4	GR	636.5	420	637.5	470	636.4	475	630.7	480	629.2	490
5											5
6	GR	630.9	505	637.3	520	636.8	550	636.2	610	636.2	790
7											7
8	GR	636.1	865	639.6	895	643.1	945	650.6	965		
9											9
10	QT	6	2000	4300	7900	9900	9900	17000			
11											11
12	X1	9940	16	400	445	2265	2265	2265			
13											13
14	GR	660.0	0	649.2	140	643.9	180	643.1	205	642.3	215
15											15
16	GR	643.1	325	642.5	340	644.0	400	636.0	410	635.0	425
17											17
18	GR	636.0	435	643.7	445	643.2	640	642.9	660	645.8	700
19											19
20	GR	662.7	770								
21											21
22	QT	6	1900	4100	7400	9200	9200	16000			
23											23
24	X1	11625	18	505	550	1685	1685	1685			
25											25
26	GR	661.5	0	652.0	90	650.3	140	651.2	160	649.2	165
27											27
28	GR	648.0	215	646.5	255	646.1	305	645.4	425	644.9	445
29											29
30	GR	646.8	505	640.0	510	639.1	515	640.0	545	646.1	550
31											31
32	GR	644.5	565	645.0	585	660.9	610				
33											33
34	X1	13940	22	375	420	2315	2315	2315			
35											35
36	GR	660.0	0	660.0	100	660.0	200	659.2	220	654.1	310
37											37
38	GR	654.9	335	653.0	365	652.2	375	644.5	380	644.8	410
39											39
40	GR	651.3	420	649.7	430	653.1	435	651.0	470	651.5	555
41											41
42	GR	652.5	535	651.0	605	652.2	680	652.8	870	655.9	940
43											43
44	GR	660.9	995	665.8	1020						
45											45
46	ET						0.4				
47											47
48	X1	16150	19	455	550	2210	2210	2210			
49											49
50	GR	668.5	0	666.0	65	657.9	145	655.5	195	654.2	455
51											51
52	GR	655.2	470	655.2	485	648.5	495	647.8	500	648.6	520
53											53
54	GR	654.5	520	655.5	550	653.3	555	653.3	565	655.8	575
55											55
56											56
57											57

[illegible]

1	X1 20020	19	330	368	1445	1445	1445					1
2	GR 684.3	0	672.3	75	668.5	135	668.9	225	670.3	330		2
3												3
4	GR 662.8	340	661.8	350	662.5	364	669.4	368	670.1	395		4
5												5
6	GR 668.9	470	669.7	480	670.7	540	668.8	590	672.6	170		6
7												7
8	GR 675.5	1095	676.7	1275	679.2	1350	690.0	1500				8
9												9
10	NC .085	.085		.1	.3							10
11												11
12	X1 21940	17	445	485	1920	1920	1920					12
13												13
14	GR 685.5	0	685.5	100	685.5	200	676.5	300	676.3	345		14
15												15
16	GR 675.8	408	676.2	439	675.7	445	669.3	450	669.0	465		16
17												17
18	GR 669.1	480	676.1	485	675.8	535	675.0	590	674.0	625		18
19												19
20	GR 674.9	710	704.7	862								20
21												21
22	QT 6	1700	3600	6400	8000	8000	13600					22
23												23
24	X1 24560	18	965	1000	2620	2620	2620					24
25												25
26	GR 713.9	0	714.2	15	710.1	25	702.6	125	698.2	175		26
27												27
28	GR 691.0	385	688.0	450	679.9	730	679.2	820	678.9	840		28
29												29
30	GR 678.8	900	679.2	950	679.1	965	671.8	975	672.2	995		30
31												31
32	GR 679.5	1000	682.1	1155	702.5	1220						32
33												33
34	NC .09	.09	.065	.1	.3							34
35												35
36	X1 26340	16	335	370	1780	1780	1780					36
37												37
38	GR 705.9	0	698.0	90	686.4	140	686.3	155	686.1	183		38
39												39
40	GR 686.2	241	686.2	271	686.2	325	686.1	335	678.7	345		40
41												41
42	GR 678.2	355	678.8	365	684.7	370	688.9	382	695.8	388		42
43												43
44	GR 700.7	408										44
45												45
46	X1 28930	17	460	530	2590	2590	2590					46
47												47
48	GR 710.0	0	700.0	185	699.2	215	694.1	270	691.9	345		48
49												49
50	GR 691.4	395	691.9	440	691.8	460	691.1	485	684.0	490		50
51												51
52	GR 683.9	500	684.9	520	691.1	530	695.6	700	696.1	750		52
53												53
54	GR 699.9	845	704.9	920								54
55												55
56												56
57												57

1	NC			.6		.8					
2	X1 29010				80	80	80		1.1		
3											
4	X3 10							697.2	697.2		
5											
6	SB 1.25	1.5	2.5	0	31	2.0	619	1.9	685.0	685.0	
7											
8	X1 29050	0	0	0	40	40	40		-1.3		
9											
10	X2		1	695.6	697.2						
11											
12	X3 10							697.2	697.2		
13											
14	BT 7	0	708.6		210	699.7		300	697.8		
15											
16	BT 400	697.3		470	697.2		590	697.8		920	
17											
18	BT 706.1										
19											
20	X1 29130	13	255	285	80	80	80				
21											
22	GR 706.7	0	695.4	90	693.0	145	692.0	255	684.3	260	
23											
24	GR 683.1	280	689.1	285	690.2	360	690.6	390	691.8	480	
25											
26	GR 693.8	590	698.0	690	706.3	830					
27											
28	QT 6	1650	3500	6200	7800	7800	13200				
29											
30	X1 30220	20	425	520	1090	1090	1090				
31											
32	GR 708.5	0	701.1	170	698.0	185	694.2	335	695.8	418	
33											
34	GR 695.2	425	685.6	445	685.5	459	686.1	465	688.2	470	
35											
36	GR 690.2	480	690.2	500	693.6	510	694.5	520	694.1	550	
37											
38	GR 693.9	685	696.8	730	699.0	770	705.0	830	709.2	885	
39											
40	X1 30260				40	40	40		-1.3		
41											
42	X3 10							700.0	700.0		
43											
44	SB 0	1.5	3.0	0	35	0	540	.81	686.8	686.8	
45											
46	X1 30380	27	430	480	120	120	120		-1.3		
47											
48	X2		1	697.0	700.0						
49											
50	X3 10							700.0	700.0		
51											
52	BT 9	0	706.5		10	706.1		100	703.4		
53											
54	BT 200	703.3		430	700.1	697.0	480	700.1	697.0	800	
55											
56											
57											

1	BT 701.6	880	704.0	980	708.5							1
2	GR 708.5	0	707.5	10	704.0	100	701.1	170	698.0	185		2
3												3
4	GR 697.8	200	694.2	335	695.8	418	695.2	425	695.5	430		4
5												5
6	GR 685.6	445	685.5	459	686.1	465	688.2	470	690.2	480		6
7												7
8	GR 690.2	500	693.6	510	694.5	520	694.1	550	693.9	685		8
9												9
10	GR 696.8	730	699.0	770	702.0	800	705.0	830	708.7	880		10
11												11
12	GR 709.2	885	716.5	980								12
13												13
14	X1 30420	26	245	280	40	40	40					14
15												15
16	GR 706.2	0	702.0	115	702.0	128	693.9	209	693.5	235		16
17												17
18	GR 693.0	245	690.9	249	686.1	250	685.5	275	692.2	280		18
19												19
20	GR 693.3	315	693.0	330	693.1	348	693.3	375	693.2	395		20
21												21
22	GR 693.4	410	693.3	430	694.1	440	694.0	450	694.1	495		22
23												23
24	GR 694.2	635	694.7	725	693.3	748	693.3	775	695.5	870		24
25												25
26	GR 706.7	900										26
27												27
28	NC .08	.08	.065	0.1	0.3							28
29												29
30	QT 6	1600	3400	6000	7400	7400	12600					30
31												31
32	X1 33730	26	580	605	3310	3310	3310					32
33												33
34	GR 717.6	0	711.0	100	704.3	200	700.5	261	698.0	345		34
35												35
36	GR 697.4	330	697.0	450	697.1	490	698.7	510	697.7	570		36
37												37
38	GR 698.3	580	691.2	585	690.7	592	690.9	602	696.6	605		38
39												39
40	GR 698.0	710	696.9	740	698.7	795	697.4	835	697.0	920		40
41												41
42	GR 701.3	1170	706.2	1335	706.5	1400	709.0	1420	710.7	1440		42
43												43
44	GR 712.9	1550										44
45												45
46	X1 34300	40	850	1150	570	570	570	8.5				46
47												47
48	GR 708.0	0	707.1	50	705.7	100	703.7	150	702.6	200		48
49												49
50	GR 700.7	250	699.2	300	697.4	350	697.4	400	697.0	450		50
51												51
52	GR 696.8	500	696.2	550	695.7	600	695.4	650	695.1	700		52
53												53
54	GR 695.1	750	695.2	800	695.9	850	693.2	900	690.6	950		54
55												55
56												56
57												57

GR 691.7 983 685.0 986 684.2 1000 685.6 1014 695.1 1019

GR 695.1 1050 691.0 1100 691.4 1150 691.5 1200 691.6 1250

GR 691.6 1300 691.9 1350 691.7 1400 691.7 1450 692.0 1500

GR 692.8 1550 700.9 1600 705.0 1700 706.3 1800 708.0 1940

NC .08 .06 .065 .6 .8

X1 34380 0 80 80 80

X3 10 0 0 709.0 709.0

SB .95 1.5 3.0 0 30 15 1960 7.1 692.8 692.8

X1 34420 40 850 1150 40 40 40 8.5

X2 1 706.8 709.0

X3 10 709.0 709.0

BT 8 0 722.7 950 709.4 1050 709.0

BT 1150 709.0 1203 709.0 1250 709.1 1600

BT 713.2 1940.0 716.5

GR 700.0 0 707.1 50 705.7 100 703.7 150 702.6 200

GR 700.7 250 699.2 300 697.4 350 697.4 400 697.0 450

GR 696.8 500 696.2 550 695.7 600 695.4 650 695.1 700

GR 695.1 750 695.2 800 695.9 850 693.2 900 690.6 950

GR 691.7 983 685.0 986 684.2 1000 685.6 1014 695.1 1019

GR 691.5 1050 691.0 1100 691.4 1150 691.5 1200 691.6 1250

GR 691.6 1300 691.9 1350 691.7 1400 691.7 1450 692.0 1500

GR 692.8 1550 700.9 1600 705.0 1700 706.3 1800 708.0 1940

X1 34500 37 934 967 80 80 80 8.5

GR 709.0 0 706.7 50 703.6 100 701.8 150 700.6 200

GR 700.1 250 698.7 300 698.5 350 697.9 400 697.2 450

GR 696.2 500 695.0 550 694.4 600 694.2 650 693.4 700

GR 692.9 750 692.3 800 691.8 850 692.2 900 692.0 934

GR 686.7 937 685.5 950 685.2 963 692.3 967 691.1 1000

	GR	691.4	1050	691.5	1100	691.6	1150	692.2	1200	692.0	1250
1											
2	GR	693.1	1300	694.0	1350	696.0	1400	699.3	1450	700.0	1500
3											
4	GR	702.5	1600	705.0	1700						
5											
6	QT	6	1470	3100	5400	6700	6700	11200			
7											
8	X1	35860	19	1000	1030	1360	1360	1360			
9											
10	GR	715.0	0	710.5	350	707.8	490	708.5	510	710.4	550
11											
12	GR	706.2	575	703.3	695	702.3	970	703.5	995	702.9	1000
13											
14	GR	696.7	1005	696.5	1025	703.0	1030	703.4	1035	703.0	1050
15											
16	GR	703.4	1125	707.4	1230	715.8	1320	709.1	1335		
17											
18	NC			.6	.8						
19											
20	ET						0.4				
21											
22	X1	35940			80	80	80		0.5		
23											
24	X3	10						707.1	707.1		
25											
26	S8	0	1.5	3.0	0	32	0	910	.69	697.0	697.0
27											
28	X1	35980	23	990	1035	40	40	40			
29											
30	X2			1	707.2	707.1					
31											
32	X3							707.1	707.1		
33											
34	BT	9	0	724.2		350	716.7		745	707.2	
35											
36	BT	803	707.1		945	709.0		990	709.2	707.2	1035
37											
38	BT	709.2	707.2	1085	710.0		1335	720.0			
39											
40	GR	715.0	0	710.5	350	707.8	490	708.5	510	710.4	550
41											
42	GR	706.2	575	703.3	695	703.1	745	703.0	803	702.5	945
43											
44	GR	702.3	970	703.3	990	702.9	1000	697.0	1005	697.0	1025
45											
46	GR	703.0	1030	703.4	1035	703.0	1050	703.1	1085	703.4	1125
47											
48	GR	707.4	1230	715.8	1320	709.1	1335				
49											
50	NC	.085	.085	.065	.1	.3					
51											
52	X1	36060	21	1695	1728	80	80	80			
53											
54	GR	716.0	700	712.5	950	709.5	1200	708.1	1210	705.5	1270

	GR	707.8	1360	702.9	1480	703.3	1510	703.5	1595	703.0	1633
(P)	GR	702.0	1650	703.1	1675	703.2	1695	698.4	1698	697.1	1710
	GR	698.3	1717	703.9	1728	706.5	1745	706.6	1760	710.3	1815
	GR	719.8	1895								
(P)	ET						10.4				
	X1	37270	19	670	710	1210	1210	1210			
(P)	GR	719.4	6	714.5	120	712.0	230	710.9	350	707.9	437
	GR	707.8	515	705.8	585	706.0	610	705.8	650	706.5	670
	GR	698.5	678	698.3	690	699.3	700	708.6	710	710.4	720
	GR	712.7	780	712.7	840	711.4	860	721.8	880		
	NC		.6	.8							
	X1	37345			75	75	75		0.8		
(P)	X3	10						711.2	711.2		
	SB	0	1.5	3.0	0	22	0	430	.89	699.1	699.1
	NC	.090	.090	.065	.6	.8					
	X1	37395	22	655	705	50	50	50		.3	
(P)	X2		1	710.2	711.2						
	X3	10						711.2	711.2		
(P)	BT	8	0	721.1	95	717.3		210	713.9		
	BT	400	711.3		500	711.2		655	712.1	710.2	705
	BT	712.1	710.2	910	716.3						
(P)	GR	720.7	0	717.9	60	716.3	95	714.8	135	713.1	210
	GR	711.4	285	708.1	340	707.7	400	706.9	485	707.0	500
	GR	707.1	575	704.5	605	706.1	625	705.7	655	698.8	665
	GR	699.1	682	705.6	690	705.9	705	706.2	725	710.2	805
(P)	GR	715.2	865	720.3	910						
	X1	37470	18	655	690	75	75	75		0.1	
(P)	GR	720.7	0	717.9	60	716.3	95	714.8	135	711.4	285

[illegible]

1	GR 714.4	490	714.7	530	715.0	625	713.9	650	714.7	695
2	GR 714.7	825	715.5	905	707.2	910	707.7	920	709.5	930
3	GR 712.5	935	712.7	945	714.8	949	715.1	1000	714.2	1040
4	GR 714.5	1055	714.7	1110	714.3	1135	714.3	1180	714.3	1245
5	GR 715.8	1315	723.3	1345	740.0	1400				
6	NC		.1	.3						
7	QT 6	1250	2600	4500	5600	5600	9100			
8	X1 45250	19	929	969	2615	2615	2615			
9	GR 742.4	0	740.7	130	730.0	350	723.4	525	721.8	665
10	GR 717.8	710	717.8	772	717.5	850	717.1	929	711.0	934
11	GR 710.6	940	716.0	963	717.8	969	718.0	989	719.4	1025
12	GR 723.5	1100	728.0	1130	731.4	1200	740.9	1300		
13	QT 6	1100	2300	3900	4800	4800	7700			
14	X1 47500	15	195	225	2250	2250	2250			
15	GR 731.1	0	726.2	75	722.4	180	722.8	195	718.5	200
16	GR 718.7	210	718.5	220	723.5	225	724.0	275	724.2	280
17	GR 722.9	335	725.0	360	727.2	390	731.7	400	735.5	420
18	NH 5	.09	425	.065	442	.09	540	.065	565	.09
19	NH 845									
20	X1 49420	22	425	442	1920	1920	1920			
21	GR 746.2	0	746.2	100	733.0	200	728.1	325	728.9	350
22	GR 727.6	370	726.3	379	725.5	400	725.6	425	721.1	428
23	GR 721.3	440	725.8	442	725.9	495	726.8	540	721.1	545
24	GR 720.5	552	720.1	559	727.5	565	729.5	680	731.4	730
25	GR 733.5	760	746.2	845						
26	NC		.6	.8						
27	X1 49500			80	80	80				
28	X3 10						729.6	729.6		

[illegible]

	X1	50585	17	510	530	965	965	965		
GR	746.2	0	736.0	135	730.5	435	729.0	510	723.2	511
GR	723.7	525	728.8	530	728.3	600	727.3	690	731.6	715
GR	725.5	725	725.3	730	725.6	735	732.6	740	733.7	785
GR	742.5	670	746.0	850						
QT	6	1000	2100	3500	4300	4300	6800			
NH	5	.09	460	.065	490	.09	1000	.065	1015	.09
NH	1335									
X1	51740	22	460	490	1155	1155	1155			
GR	743.3	0	740.2	45	731.9	460	726.2	465	725.5	470
GR	726.3	480	728.9	483	732.1	490	731.2	520	730.5	650
GR	730.2	715	730.4	805	730.4	895	731.0	1000	726.7	1003
GR	726.2	1010	731.1	1015	729.9	1040	730.2	1160	729.5	1215
GR	735.3	1255	748.0	1335						
NC	.08	.08	.065	.1	.3					
X1	53190	19	960	992	1450	1450	1450			
GR	752.6	0	749.1	25	737.3	160	737.0	210	736.0	380
GR	735.8	595	735.9	630	734.7	750	734.1	835	734.1	960
GR	727.6	963	727.5	970	727.9	988	734.0	992	732.9	1105
GR	735.9	1235	740.7	1260	747.0	1275	752.0	1310		
NC			.6	.8						
EI						0.4				
X1	53270			80	80	80	- .2			
X3	10						738.7	738.7		
SF	0	1.5	2.5	0	20	0	330	.76	727.7	728.3
X1	53310	23	785	815	40	40	40	- .2		
X2		1	737.9	738.7						
X3	10						738.7	738.7		

BT	6	145	741.0		660	738.7		785	740.0	737.9
BT	815	739.0	737.9	970	740.2		1215	750.5		
GR	749.4	0	749.1	10	740.4	40	740.1	65	741.0	145
GR	738.0	265	738.9	285	735.8	410	737.5	455	734.9	665
GR	733.1	785	730.5	795	728.0	798	727.5	808	730.2	809
GR	733.6	815	734.3	925	734.2	970	734.0	1060	736.7	1065
GR	738.0	1085	740.6	1150	747.0	1215				
NC	.08	.08	.065	.1	.3					
X1	53390	22	785	815	80	80	80			
GR	749.4	0	749.1	10	740.4	40	740.1	65	741.0	145
GR	738.0	265	738.9	285	735.8	410	737.5	455	734.9	665
GR	733.1	785	730.5	795	728.0	798	727.5	808	730.2	809
GR	733.6	815	734.3	925	734.0	1060	736.7	1065	738.0	1085
GR	740.6	1150	747.0	1215						
NC				.1	.3					
QT	6	840	1700	2800	3500	3500	5200			
ET					10.4					
X1	55785	14	722	740	2395	2395	2395			
GR	750.0	0	748.1	52	744.3	295	743.0	299	743.0	335
GR	739.5	525	740.0	710	739.8	722	735.5	725	734.6	730
GR	735.4	735	740.0	740	740.0	948	752.2	983		
NC	.09	.09	.06	.1	.3					
X1	57625	15	339	358	1840	1840	1840			
GR	755.7	0	755.7	100	750.3	200	744.2	320	743.0	339
GR	740.0	340	740.0	348	740.3	353	743.5	358	743.5	350
GR	743.9	570	745.0	640	747.4	665	752.8	710	755.7	730
NC	.08	.08	.065	.1	.3					
X1	58965	17	582	623	1340	1340	1340			

1	GR 759.5	1	754.0	150	749.3	270	748.0	368	745.0	520	1
2	GR 746.2	545	746.2	582	744.3	592	740.6	597	740.3	605	2
3											3
4	GR 741.0	612	744.9	620	746.2	623	747.7	740	748.9	823	4
5											5
6	GR 757.6	953	762.0	1010							6
7											7
8	NC		.6	.8							8
9											9
10	X1 59045				80	80	80		-.7		10
11											11
12	X3 10							751.0	751.0		12
13											13
14	SB 0	1.5	2.5	0	30	0	410	1.08	741.0	741.0	14
15											15
16	X1 59085	19	582	623	40	40	40		-.7		16
17											17
18	X2		1	749.0	751.0						18
19											19
20	X3 10							751.0	751.0		20
21											21
22	BT 6	0	755.7		15	755.2		582	750.9	749.0	22
23											23
24	BT 623	750.9	749.0	795	751.9		1010	761.3			24
25											25
26	GR 759.5	0	759.0	15	754.0	150	749.3	270	758.0	368	26
27											27
28	GR 745.0	520	746.2	545	746.2	582	744.3	592	740.6	597	28
29											29
30	GR 740.3	605	740.	612	744.9	620	746.2	623	747.7	740	30
31											31
32	GR 748.5	795	748.9	823	757.6	953	762.0	1010			32
33											33
34	QT 6	720	1420	2400	2950	2950	4200				34
35											35
36	NC .08	.09	.065	.1	.3						36
37											37
38	X1 59165	14	425	445	80	80	80				38
39											39
40	GR 760.9	0	754.7	100	750.0	180	746.7	295	747.2	425	40
41											41
42	GR 740.8	430	740.3	435	740.6	442	745.5	445	746.2	532	42
43											43
44	GR 747.0	560	747.2	598	751.5	765	756.6	825	760.9	905	44
45											45
46	NC		.1	.3							46
47											47
48	QT 6	640	1250	2100	2600	2600	3500				48
49											49
50	NC .085	.085	.065	.1	.3						50
51											51
52	X1 60100	17	270	298	935	935	935				52
53											53
54	GR 760.3	0	756.1	40	748.6	155	748.4	220	747.5	270	54
55											55
56											56
57											57

[illegible]

1	J1	5	626.30								1	
2	J2	1	-1									2
3	J3	-5	43	42	23	24	41	45	40	44	1	3
4	J3	2	3	8	0	38	39	13	14	15	16	4
5	J3	17	18	25	55	26	56	8	0	38	43	5
6	J3	53	54	4	8	34	27	28	31	32	36	6
7	J3	9	0	38	43	1	50	51	0	105		7
8	ET	10.4										8
9	T14-6-76, PROJ. CRANE CR., ROWAN COUNTY S.H.F.I. REPORT, NR. SALISBURY N.C.. SUBJ. 2, 10,											9
10	T250, 100, AND 500-YR. FLOOD FREQ. PROFILES EXIST. CONDS. 100-YR. FLOODWAY PROFILE.											10
11	T3	100-YR. FLOOD FLOODWAY CONDITIONS. CODING BY S.F.F. & C.E.K. CORPS										11
12	J1	6	627.30								12	
13												13
14												14
15												15
16												16
17												17
18												18
19												19
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56												56
57												57

JUL 08 1977

CRANE CREEK W-X-Y-Z

X1 89125	15	1442	1470	1325	1325	1325		-2.6		
GR 768.3	1000	763.7	1100	758.8	1200	757.8	1300	755.0	1400	
GR 755.4	1442	751.3	1451	750.5	1456	750.1	1461	755.8	1470	
GR 756.0	1500	756.4	1600	758.1	1700	762.6	1800	764.7	1830	
X1 89175	19	1400.3	1413.8	50	50	50				
GR 767.2	1000	762.4	1051	757.5	1151	756.5	1251	753.7	1351	
GR 754.1	1393	751.4	1400.3	750.0	1401	749.4	1404	749.2	1407	
GR 749.4	1410	750.0	1413	751.4	1413.8	754.5	1421	754.7	1451	
GR 755.1	1551	756.8	1651	761.3	1751	763.7	1800			
SB 0.9	1.5	2.5	0	13.5	0.01	88				
X1 89227	0	0	0	52	52	52				
X2		1	757.2							
BT 15	1000	767.2	0	1100	762.5	0	1200	759.6	0	
BT 1300	758.6	0	1400.3	759.2	751.4	1401	759.2	753.5	1404	
BT 759.2	756.4	1407	759.2	757.2	1410	759.2	756.4	1413	759.2	
BT 753.5	1413.8	759.2	753.4	1500	758.5	0	1600	759.0	0	
BT 1700	760.6	0	1800	763.7	0					
X1 89277	15	1442	1470	50	50	50				
GR 768.3	1000	763.7	1100	758.8	1200	757.8	1300	755.0	1400	
GR 755.4	1442	751.3	1451	750.5	1456	750.1	1461	755.8	1470	
GR 756.0	1500	756.4	1600	758.1	1700	762.6	1800	764.7	1830	
X1 92350	12	1400	1413	3073	3073	3073				
GR 778.9	1000	774.3	1100	772.8	1200	771.4	1300	772.2	1400	
GR 767.8	1403	767.7	1408	767.0	1412	770.6	1413	774.3	1469	
GR 781.1	1500	787.3	1530							
X1 94900	11	1189	1200	2550	2550	2550				
GR 807.3	1000	793.7	1100	790.1	1138	789.4	1189	785.6	1190	

CRANE CREEK

M-G CROSS-SECTION 3

GR 785.3	1194	785.7	1198	790.1	1200	793.1	1300	803.4	1400
GR 805.0	1406								
X1 96927	13	1170	1174	2027	2027	2027			
GR 830.6	1000	819.3	1100	814.2	1160	811.7	1165	810.9	1170
GR 808.9	1171	808.9	1172	808.9	1173	811.2	1174	816.0	1200
GR 823.1	1300	823.1	1400	824.0	1500				
X1 96977	18	1243.2	1246.6	50	50	50			
GR 833.1	1000	826.4	1100	824.4	1150	821.6	1173	816.5	1233
GR 814.0	1238	813.0	1243.2	812.2	1243.4	811.5	1244	811.2	1245
GR 811.5	1246	812.2	1246.6	813.0	1246.8	818.3	1273	823.0	1340
GR 823.9	1400	824.7	1500	824.2	1600				
SB 0.9	1.5	2.5	0	3.6	0.01	10			
X1 97023	0	0	0	46	46	46			
X2		1	814.8						
BT 14	1000	833.1	0	1100	826.4	0	1200	822.2	0
BT 1243.2	821.6	813.0	1243.4	821.6	813.8	1244	821.6	814.5	1245
BT 821.6	814.8	1246	821.6	814.5	1246.6	821.6	813.8	1246.8	821.6
BT 813.0	1300	822.3	0	1400	823.9	0	1500	824.7	0
BT 1600	824.2	0							
X1 97073	13	1170	1174	50	50	50		+4.1	
GR 830.6	1000	819.3	1100	814.2	1160	811.7	1165	810.9	1170
GR 808.9	1171	808.9	1172	808.9	1173	811.2	1174	816.0	1200
GR 823.1	1300	823.1	1400	824.0	1500				

INCLOSURE 27

C

C

C

1 CRANE CR., ROWAN CO., N.C. S.E.H.I. REPORT, CROSS SECTION PLOT FOR M.G. AND A.

T14-6-76, PROJ. CRANE CR., ROWAN COUNTY S.H.F.I. REPORT, NR. SALISBURY N.C., SURJ. 2.10,

T250, 100, AND 500-YR. FLOOD FREQ. PROFILES EXIST. CONDS. 100-YR. FLOODWAY PROFILE.

T3 CRANE CR 2-YR. FLOOD EXISTING CONDITIONS. CODING BY S.P.E. & C.E.K. CORPS

J1

2

624.1

J2

1

-1

-5

-100

NC

.085

.085

.050

.1

.3

QT

6

2900

6300

12500

15000

15000

25000

NH

5

.085

1552

.05

1600

.085

1670

.05

1705

.085

NH

2800

X1

28340

32

1670

1705

28340

28340

28340

GR

643.4

0

631.8

75

622.2

105

622.0

175

622.1

340

GR

621.6

525

621.7

705

622.4

900

622.1

1020

622.9

1140

GR

623.2

1487

624.3

1552

619.5

1560

619.2

1580

618.6

1592

GR

624.3

1600

623.0

1625

624.9

1670

618.4

1675

616.8

1685

GR

620.2

1690

624.5

1705

622.7

1800

622.5

1975

622.9

2160

GR

623.5

2305

621.4

2455

622.2

2640

621.2

2735

624.0

2755

GR

628.9

2770

633.9

2800

X1

28440

100

100

100

X1

28540

100

100

100

QT

6

2100

4500

8200

10500

10500

18000

X1

29030

11

455

481

490

490

490

-2.925

NC

.085

.085

.065

.1

.3

GR

641.6

0

625.0

150

625.5

330

625.7

440

626.2

455

GR

620.7

460

621.5

480

626.1

481

625.6

535

635.2

700

GR

639.9

860

X1

29500

490

490

490

.975

X1

30010

490

490

490

.975

X1

2985 30500

490

490

490

.975

① X1 ³²⁰⁰⁰₃₀₄₆ 14 835 870 ¹⁵⁰⁰₁₅₂₅ ¹⁵⁰⁰₁₅₂₅ ¹⁵⁰⁰₁₅₂₅

GR 604.3 0 637.2 80 633.2 200 632.9 300 631.0 560

GR 627.6 730 628.8 835 624.8 840 622.2 860 628.4 870

GR 627.5 980 626.6 1000 634.1 1125 642.5 1175

NC

QT 6 2050 4400 8000 10000 10000 17500

② X1 ³³¹⁰⁰₃₂₂₅ 14 695 760 ¹¹⁰⁰₁₁₁₅ ¹¹⁰⁰₁₁₁₅ ¹¹⁰⁰₁₁₁₅

GR 645.7 0 637.8 150 633.8 305 633.0 370 629.1 540

GR 630.5 695 629.3 715 623.4 745 622.9 755 630.2 760

GR 629.5 1010 631.1 1190 635.0 1265 641.6 1400

NC

X1 ³³¹⁸⁰₃₂₄₅ 80 80 80 .4

X3 10 634.8 634.8

SB 1.25 1.5 2.5 0 32 1.0 540 2.5 623.3 623.3

X1 ³³²²⁰₃₂₄₅ 0 0 0 40 40 40 .3

X2 1 633.7 634.8

X3 10 634.8 634.8

BT 7 0 639.7 110 635 225 634.8

BT 485 635.6 568 635.9 750 636.6 815

BT 640.0

X1 ³³³⁰⁰₄₉₂₅ 15 665 706 80 80 80

GR 646.0 0 633.6 240 385 630.5 425 629.9 640

GR 630.8 665 629.0 672 624.5 678 623.6 698 631.0 706

GR 631.5 715 630.2 727 630.8 765 630.5 775 645.9 810

NC .090 .090 .065 .1 .3

X1 ³⁶¹⁵⁰₂₄₇₅ 19 470 520 ²⁸⁵⁰₂₇₅₀ ²⁸⁵⁰₂₇₅₀ ²⁸⁵⁰₂₇₅₀

GR 652.0 0 642.3 70 635.7 245 637.0 290 637.0 330

GR 636.3 420 637.5 470 636.4 475 630.7 480 629.2 490

GR 630.9 505 637.3 520 636.8 550 636.2 610 636.2 790

GR 636.1 865 639.6 895 643.1 945 650.6 965

QT 6 2000 4300 7900 9900 9900 17000

Y1	38600	16	400	445	2450	2450	2450			
GR 660.0		0	649.2	140	643.9	180	643.1	205	642.3	215
GR 643.1		325	642.5	340	644.0	400	636.0	410	635.0	425
GR 636.0		435	643.7	445	643.2	640	642.9	660	645.8	700
GR 662.7		770								

QT	6	1900	4100	7400	9200	9200	16000			
X1	40375	18	505	550	1775	1775	1775			
GR 661.5		0	652.0	90	650.3	140	651.2	160	649.2	165
GR 648.0		215	646.5	255	646.1	305	645.4	425	644.9	445
GR 646.8		505	640.0	510	639.1	515	640.0	545	646.1	550

GR 644.5		565	645.0	585	660.9	610				
X1	42375	22	375	420	2000	2000	2000			
GR 660.0		0	660.0	100	660.0	200	659.2	220	654.1	310
GR 654.9		335	653.0	365	652.2	375	644.5	380	644.8	410
GR 651.3		420	649.7	430	653.1	435	651.0	470	651.5	555
GR 652.5		585	651.0	605	652.2	680	652.8	670	655.9	840
GR 660.9		995	665.8	1020						

ET					0.4					
X1	44500	19	455	550	2125	2125	2125			
GR 666.5		0	666.0	65	657.9	145	655.5	195	654.2	455
GR 655.2		470	655.2	485	648.5	495	647.8	500	648.6	520
GR 654.5		520	655.5	550	653.3	555	653.3	565	655.8	575
GR 656.1		615	659.5	625	664.2	715	670.8	745		

NC	44580				.6	.8				
X1	16230				80	80	80		3.2	
X3								674.0	674.0	
SB	1.25	1.5	2.5	0	40	3.0	455	0	651.0	651.0
X1	44620	0	0	0	40	40	40			
X2		1	666.0	674.0						
X3	10							674.0	674.0	
BT	4	310	680.0	420	674.0		1220	674.0		

BT 1300 680

X1 ⁴⁴⁷⁰⁰
~~14350~~ 17 475 520 80 80 80

GR 670.2 0 665.9 165 662.1 240 660.2 350 655.1 430

GR 654.9 455 655.2 475 648.7 480 648.2 490 649.2 500

GR 653.0 505 655.5 520 655.2 505 658.0 610 660.8 625

GR 667.6 635 671.1 690

NC .1 .3

QT 6 1830 3900 7000 8600 8600 15000

NH 5 .09 470 .065 515 .09 915 .065 955 .09

NH 1000

ET 10.4

X1 ⁴⁷¹⁰⁰
~~18575~~ 22 470 515 ²⁴⁰⁰
2225 2225 2225

GR 682.0 0 679.0 35 666.6 305 663.8 420 665.7 455

GR 666.2 470 658.8 480 658.4 500 664.0 505 666.2 515

GR 665.7 525 665.5 600 665.1 755 666.2 590 665.3 915

GR 657.2 915 658.1 925 658.1 935 662.8 940 665.1 955

GR 666.5 965 679.1 1000

NC .09 .09 .065 .1 .3

QT 6 1750 3700 6600 8200 8200 14000

X1 ⁴⁸⁷⁰⁰
~~24626~~ 19 330 368 ¹⁶⁰⁰
1445 1445 1445

GR 684.3 0 672.3 75 668.5 135 668.9 225 670.3 330

GR 662.8 340 661.8 350 662.5 364 669.4 368 670.1 395

GR 668.9 470 669.7 480 670.7 540 668.8 590 672.6 770

GR 675.5 1095 676.7 1275 679.2 1350 690.0 1500

NC .085 .085 .1 .3

X1 ⁵⁰⁷⁰⁰
~~21900~~ 17 445 485 ²⁰⁰⁰
1920 1920 1920

GR 685.5 0 685.5 100 685.5 200 676.5 300 676.3 345

GR 675.8 408 676.2 439 675.7 445 669.3 450 669.0 465

GR 669.1 480 676.1 485 675.8 535 675.0 590 674.0 625

GR 674.9 710 704.7 862

QT 6 1700 3600 6400 8000 8000 13600

53150
 X1 24560 18 965 1000 2470 2450 2450 2620 2620 2620

GR 713.9 0 714.2 15 710.1 25 702.6 125 698.2 175

GR 691.0 385 688.0 450 679.9 730 679.2 820 678.9 840

GR 678.8 900 679.2 950 679.1 965 671.8 975 672.2 995

GR 679.5 1000 682.1 1155 702.5 1220

NC .09 .09 .065 .1 .3

55000
 X1 26340 16 335 370 1450 1850 1450 1780 1780 1780

GR 705.9 0 698.0 90 686.4 140 686.3 155 686.1 183

GR 686.2 241 686.2 271 686.2 325 686.1 335 678.7 345

GR 678.2 355 678.8 365 684.7 370 688.9 382 695.8 388

GR 700.7 408

57300
 X1 28930 17 440 530 2300 2300 2300 2590 2590 2590

GR 710.0 0 700.0 185 699.2 215 694.1 270 691.9 345

GR 691.4 395 691.9 440 691.8 460 691.1 485 684.0 490

GR 683.9 500 684.9 520 691.1 530 695.6 700 696.1 750

GR 699.0 845 704.9 920

NC .6 .8

57380
 X1 29910 80 80 80 1.1

X3 10 697.2 697.2

SB 1.25 1.5 2.5 0 31 2.0 619 1.9 685.0 685.0

57420
 X1 29950 0 0 0 40 40 40 -1.3

X2 1 695.6 697.2

X3 10 697.2 697.2

BT 7 0 708.6 210 699.7 300 697.8

BT 400 697.3 470 697.2 590 697.8 920

. BT 706.1

57500
 X1 29130 13 255 285 80 80 80

GR 706.7 0 695.4 50 693.0 145 692.0 255 684.3 260

GR 683.1 280 684.1 282 690.2 360 690.6 390 691.8 480

GR 693.8 590 698.0 690 706.3 830

QT 6 1650 3500 6200 7800 7800 13200

	58600				1100	1100	1100			
X1	30220	20	425	520	1090	1090	1090			
GR	708.5	0	701.1	170	698.0	185	694.2	335	695.8	418
GR	695.2	425	685.6	445	685.5	459	686.1	465	688.2	470
GR	690.2	480	690.2	500	693.6	510	694.5	520	694.1	550
GR	693.9	685	696.8	730	699.0	770	705.0	830	709.2	885
X1	30260				28	80	30		-1.3	
X3	10							700.0	700.0	
SB	0	1.5	3.0	0	35	0	540	.81	686.8	686.8
X1	30380	27	430	480	70	70	70		-1.3	
X2			1	697.0	700.0					
X3	10							700.0	700.0	
BT	9	0	706.5		10	706.1		100	703.4	
BT	200	703.3		430	700.1	697.0	480	700.1	697.0	800
BT	701.6		880	704.0		980	708.5			
GR	708.5	0	707.5	10	704.0	100	701.1	170	698.0	185
GR	697.8	200	694.2	335	695.8	418	695.2	425	695.5	430
GR	685.6	445	685.5	459	686.1	465	688.2	470	690.2	480
GR	690.2	500	693.6	510	694.5	520	694.1	550	693.9	685
GR	696.8	730	699.0	770	702.0	800	705.0	830	708.7	880
GR	709.2	885	716.5	980						
X1	30420	26	245	280	100	100	100			
GR	706.2	0	702.0	115	702.0	128	693.9	209	693.5	235
GR	693.0	245	690.9	249	686.1	250	685.5	275	692.2	280
GR	693.3	315	693.0	330	693.1	348	693.3	375	693.2	395
GR	693.4	410	693.3	430	694.1	400	694.0	450	694.1	495
GR	694.2	635	694.7	725	693.3	748	693.3	775	695.5	870
GR	706.7	900								
NC	.06	.06	.065	0.1	0.3					
BT	6	1600	3400	6000	7400	7400	12600			
X1	33730	26	580	605	3300	3300	3300			
GR	717.6	0	711.0	100	704.3	200	700.5	261	698.0	345

GR 697.4 430 697.0 450 697.1 490 698.7 510 697.7 570

GR 698.3 580 691.2 585 690.7 592 690.9 602 696.6 605

GR 698.0 710 696.9 740 698.7 795 697.4 835 697.0 920

GR 701.3 1170 706.2 1335 706.5 1400 709.0 1420 710.7 1440

GR 712.9 1450

62700
X1 34300 40 850 1150 600 600 600 8.5

GR 708.0 0 707.1 50 705.7 100 703.7 150 702.6 200

GR 700.7 250 699.2 300 697.4 350 697.4 400 697.0 450

GR 696.8 500 696.2 550 695.7 600 695.4 650 695.1 700

GR 695.1 750 695.2 800 695.9 850 693.2 900 690.6 950

GR 691.7 983 685.0 986 684.2 1000 685.6 1014 695.1 1019

GR 695.1 1050 691.0 1100 691.4 1150 691.5 1200 691.6 1250

GR 691.6 1300 691.9 1350 691.7 1400 691.7 1450 692.0 1500

GR 692.8 1550 700.9 1600 705.0 1700 706.3 1800 708.0 1940

NC .08 .08 .045 .6 .8

62780
X1 34300 0 80 80 80

X3 10 0 0 0 709.0 709.0

SB .95 1.5 3.0 0 30 15 1960 7.1 692.8 692.8

62820
X1 34420 40 850 1150 40 40 40 8.5

X2 1 706.8 709.0

X3 10 709.0 709.0

BT 8 0 722.7 950 709.4 1050 709.0

BT 1150 709.0 1203 709.0 1250 709.1 1600

BT 713.2 1940.0 716.5

GR 708.0 0 707.1 50 705.7 100 703.7 150 702.6 200

GR 700.7 250 699.2 300 697.4 350 697.4 400 697.0 450

GR 696.8 500 696.2 550 695.7 600 695.4 650 695.1 700

GR 695.1 750 695.2 800 695.9 850 693.2 900 690.6 950

GR 691.7 983 685.0 986 684.2 1000 685.6 1014 695.1 1019

GR 691.5 1050 691.0 1100 691.4 1150 691.5 1200 691.6 1250

GR 691.6 1300 691.9 1350 691.7 1400 691.7 1450 692.0 1500

GR 692.8	1550	700.9	1600	705.0	1700	706.3	1800	708.0	1940
X1 ⁶²⁹⁰⁰ 34598	37	934	967	80	80	80		8.5	
GR 709.0	0	706.7	50	703.6	100	701.8	150	700.6	200
GR 700.1	250	698.7	300	698.5	350	697.9	400	697.2	450
GR 696.2	500	695.0	550	694.4	600	694.2	650	693.4	700
GR 692.9	750	692.3	800	691.8	850	692.2	900	692.0	934
GR 686.7	937	685.5	950	685.2	963	692.8	967	691.1	1000
GR 691.4	1050	691.5	1100	691.6	1150	692.2	1200	692.0	1250
GR 693.1	1300	694.0	1350	696.0	1400	699.3	1450	700.0	1500
GR 702.5	1600	705.0	1700						
OT 6	1070	3100	5400	6700	6700	11200			
X1 ⁶⁴²⁵⁰ 35860	19	1000	1030	¹³⁵⁰ 1360	¹³⁵⁰ 1360	¹³⁵⁰ 1360			
GR 715.0	0	710.5	350	707.8	490	708.5	510	710.4	550
GR 706.2	575	703.3	695	702.3	970	703.5	995	702.9	1000
GR 696.7	1005	696.5	1025	703.0	1030	703.4	1035	703.0	1050
GR 703.4	1125	707.4	1230	715.8	1320	709.1	1335		
NC		.6	.8						
ET				0.4					
X1 ⁶⁴³³⁰ 35940				80	80	80		0.5	
X3 10						707.1	707.1		
SB 0	1.5	3.0	0	32	0	910	.69	697.0	697.0
X1 ⁶⁴³⁷⁰ 35980	23	990	1035	40	40	40			
X2		1	707.2	707.1					
X3						707.1	707.1		
BT 9	0	724.2		350	716.7		745	707.2	
BT 803	707.1		945	709.0		990	709.2	707.2	1035
BT 709.2	707.2	1085	710.0		1335	720.0			
GR 715.0	0	710.5	350	707.8	490	708.5	510	710.4	550
GR 706.2	575	703.3	695	703.1	745	703.0	803	702.5	945
GR 702.3	970	703.3	990	702.9	1000	697.0	1005	697.0	1025
GR 703.0	1030	703.4	1035	703.0	1050	703.1	1085	703.4	1125

GR 707.4 1230 715.8 1320 709.1 1335

NC .085 .085 .065 .1 .3

X1 34060 21 1695 1728 80 80 80

GR 716.0 700 712.5 950 709.5 1200 708.1 1210 705.5 1270

GR 707.2 1360 702.9 1480 703.3 1510 703.5 1595 703.0 1633

GR 702.0 1650 703.1 1675 703.2 1695 698.4 1698 697.1 1710

GR 698.3 1717 703.9 1728 706.5 1745 706.6 1760 710.3 1815

GR 719.8 1895

E1 10.4

X1 37270 19 670 710 1150 1150 1150

GR 719.4 0 714.5 120 712.0 230 710.9 350 707.9 437

GR 707.6 515 705.8 585 706.0 610 705.8 650 706.5 670

GR 698.5 678 698.3 690 699.3 700 708.6 710 710.4 720

GR 712.7 780 712.7 800 711.4 860 721.8 880

NC .8 .8

X1 37145 75 75 75 0.8

X3 10 711.2 711.2

SB 0 1.5 3.0 0 22 0 430 .89 699.1 699.1

NC .090 .090 .065 .0 .8

X1 37395 22 655 705 50 50 50 .3

X2 1 710.2 711.2

X3 10 711.2 711.2

BT 0 721.1 95 717.3 210 713.9

BT 400 711.3 500 711.2 655 712.1 710.2 705

BT 712.1 710.6 910 716.3

GR 720.7 0 717.9 60 716.3 95 714.8 135 713.1 210

GR 711.4 295 708.1 340 707.7 400 706.9 485 707.0 500

GR 707.1 525 704.5 605 706.1 625 705.7 655 698.8 665

GR 699.1 682 705.6 690 705.9 705 706.2 725 710.2 805

GR 715.2 865 720.3 910

X1 37074 18 655 690 75 75 75 0.1

GR 720.7 0 717.9 60 716.3 95 714.8 135 711.4 285

GR 708.1 340 706.9 485 707.1 575 704.5 605 706.1 625

GR 705.7 655 699.8 665 699.2 682 705.6 690 706.2 725

GR 710.2 805 715.2 865 720.3 910

X1 ⁶⁷⁹⁰⁰~~32900~~ 29 955 985 ²¹⁰⁰~~2430~~ ²¹⁰⁰~~2430~~ ²¹⁰⁰~~2430~~

GR 723.6 0 718.9 85 720.5 130 718.1 200 720.2 215

GR 720.2 240 717.2 250 716.7 315 714.5 390 713.1 620

GR 714.0 770 715.0 790 715.0 820 714.0 838 710.8 850

GR 710.3 885 710.7 905 711 945 710.7 955 704.5 960

GR 705.0 978 710.4 985 710 1045 710.1 1075 710.4 1105

GR 714.4 1145 718.0 1200 717.5 1250 725.5 1345

NC .085 .085 .065 .8

DT 6 1370 2850 4950 6200 6200 10200

X1 ⁷⁰⁴⁰⁰~~42435~~ 19 510 615 ²⁵⁰⁰~~2535~~ ²⁵⁰⁰~~2535~~ ²⁵⁰⁰~~2535~~

GR 728.5 0 724.0 100 724.0 200 721.9 265 714.0 320

GR 714.5 420 714.0 439 713.0 510 714.3 575 711.0 583

GR 707.8 587 707.0 598 708.3 605 714.3 615 715.1 625

GR 718.8 638 718.9 649 724.0 660 728.5 678

NC .6 .8

X1 ⁷⁰⁴⁷⁰~~42505~~ 70 70 70 2.5

X3 10 722.9 722.9

SB 1.05 1.5 2.5 0 52 4.0 735 2.7 709.5 709.5

X1 ⁷⁰⁵³⁰~~42565~~ 0 0 0 60 60 60

X2 1 720.4 722.9

X3 10 722.9 722.9

BT 6 0 728.5 100 724.0 532 722.9

BT 650 722.9 835 725.8 1010 728.5

X1 ⁷⁰⁶⁰⁰~~42635~~ 28 905 949 70 70 70

GR 735.0 0 719.5 100 719.5 200 713.6 325 713.1 395

GR 714.4 490 714.7 530 715.0 625 713.9 650 714.7 695

GR 714.7 825 715.5 905 707.2 910 707.7 920 709.5 930

GR 712.5 935 712.7 945 714.8 949 715.1 1000 714.2 1040

GR 714.5 1055 714.7 1110 714.3 1135 714.3 1180 714.3 1245

GR 715.8 1315 723.3 1345 740.0 1400

NC .1 .1

BT 6 1250 2600 4500 5600 5600 9100

X1 ~~45250~~ 19 929 969 2615 2615 2615

GR 742.4 0 740.7 130 730.0 350 723.4 525 721.8 665

GR 717.8 710 717.8 772 717.5 850 717.1 929 711.0 934

GR 710.6 940 716.0 963 717.2 969 718.0 989 719.4 1025

GR 723.5 1100 728.0 1130 731.4 1200 740.9 1300

BT 6 1100 2300 3900 4800 4800 7700

X1 ~~47500~~ 15 195 225 2250 2250 2250

GR 731.1 0 726.2 75 722.4 180 722.8 195 718.5 200

GR 718.7 210 718.5 220 724.5 225 724.0 275 724.2 220

GR 722.9 335 725.0 360 727.2 390 731.7 420 735.5 420

NH 5 .09 425 .065 .442 .09 540 .065 565 .09

NH 645

X1 ~~49420~~ 22 425 442 1920 1920 1920

GR 746.2 0 746.2 100 733.0 200 728.1 325 726.9 350

GR 727.6 370 726.3 379 725.5 400 725.6 425 721.1 420

GR 721.3 440 725.4 442 725.9 495 726.8 540 721.1 545

GR 720.5 552 720.1 559 727.5 565 729.5 680 731.4 730

GR 733.5 760 746.2 845

NC .6 .6

X1 ~~49500~~ 80 80 80

X3 10 124.6 124.6

NC .02 .02 .02 .6 .6

X1 ~~40405~~ 16 490 508 5 5 5

RI 9 0 739 100 736.1 200 718.1

BT 400 731.7 490 730.2 728.4 508 730.2 728.4 640

BT 729.7 728.1 660 729.9 728.3 930 742

GR 739 0 736.1 100 734.7 200 733 300 731.7 400

GR 730.2 490 722.3 490 721.2 500 721.9 508 730.2 508

GR 729.7 640 720.7 640 719.4 650 720.1 660 729.9 660

GR 742 910

X1 ~~7740~~ 77315 30 30 30

X2 1

NH 5 .09 492 .065 510 .09 641 .065 660 .09

NH 910

X1 ~~7740~~ 77320 21 492 510 5 5 5

X3 10 729.6 729.6

GR 736.8 0 735.3 90 735.0 100 733.0 150 731.8 330

GR 728.5 450 726.5 492 722.2 497 721.0 503 721.5 509

GR 725.9 510 726.1 545 725.1 555 725.1 632 726.0 641

GR 721.0 650 720.9 660 727.8 668 733.2 785 734.9 820

GR 740.5 910

X1 ~~7740~~ 77400 20 492 510 80 80 80

GR 736.8 0 735.3 90 733.0 150 731.8 330 728.5 450

GR 726.5 492 722.2 497 721.0 503 721.5 509 725.9 510

GR 726.1 545 725.1 555 725.1 632 726.0 641 721.0 650

GR 720.9 660 727.8 668 733.2 785 734.9 820 740.5 910

NC .1 .3

NH 5 .09 510 .065 530 .09 715 .065 740 .090

NH 850

X1 ~~78320~~ 78320 17 510 530 920 920 920

GR 746.2 0 736.0 135 730.5 435 729.0 510 723.2 511

GR 723.7 525 728.4 530 728.3 600 727.3 690 731.6 715

GR 725.5 725 725.3 730 725.6 735 732.6 740 733.7 785

GR 742.5 840 746.0 850

OT 6 1000 2100 3500 4300 4300 6800

NH 5 .09 460 .065 490 .09 1000 .065 1015 .09

NH 1335

					1100	1100	1100			
X1	79420	22	460	490	1155	1155	1155			
GR	743.3	0	740.2	45	731.9	460	726.2	465	725.5	470
GR	726.3	480	728.9	483	732.1	490	731.2	520	730.5	650
GR	730.2	715	730.4	805	730.4	895	731.0	1000	726.7	1003
GR	726.2	1010	731.1	1015	729.9	1040	730.2	1160	729.5	1215
GR	735.3	1255	748.0	1335						
NC	.08	.08	.065	.1	.3					
X1	81000	19	960	992	1580	1580	1580			
GR	752.6	0	749.1	25	737.3	160	737.0	210	736.0	380
GR	735.8	595	735.9	630	734.7	750	734.1	835	734.1	960
GR	727.8	963	727.5	970	727.9	988	734.0	992	732.9	1105
GR	735.9	1235	740.7	1260	747.0	1275	752.0	1310		
NC			.6	.6						
ET	81080				0.4					
X1	53270			80	80	80			.2	
X3	10						736.7	738.7		
SB	0	1.5	2.5	0	20	0	330	.76	727.7	728.5
X1	8120	25	785	815	80	80	80		.2	
X2		1	737.9	738.7						
X3	10						736.7	738.7		
BT	6	145	741.0		660	738.7		785	740.0	737.9
BT	815	739.8	737.9	970	740.2		1215	750.5		
GR	749.4	0	749.1	10	740.4	80	740.1	65	741.0	145
GR	738.8	265	738.9	285	735.8	410	737.5	455	734.9	665
GR	733.1	785	730.5	795	726.0	796	727.5	808	730.2	809
GR	733.6	815	734.3	925	734.2	970	734.0	1060	736.7	1065
GR	738.0	1085	740.6	1150	747.0	1215				
NC	.08	.08	.065	.1	.3					
X1	81200	22	785	815	80	80	80			
GR	749.4	0	749.1	10	740.4	80	740.1	65	741.0	145
GR	738.8	265	738.9	285	735.8	410	737.5	455	734.9	665

GR 733.1 785 730.5 795 728.0 798 727.5 808 730.2 809

GR 733.6 815 734.3 925 734.0 1060 736.7 1065 738.0 1085

GR 740.6 1150 747.0 1215

NC

.1 .3

BT 6 840 1700 2800 3500 3500 5200

ET

83375
X1 55785 14 722 740 2175 2175 2175
2395 2395 2395

GR 750.0 0 748.1 52 744.3 295 743.0 299 743.0 335

GR 739.5 525 740.0 710 739.8 722 735.5 725 734.6 730

GR 735.4 735 740.0 740 740.0 948 752.2 983

NC

.09 .09 .06 .1 .3
85250
X1 57625 15 339 358 1875 1875 1875
1840 1840 1840

GR 755.7 0 755.7 160 750.3 200 744.2 320 743.0 339

GR 740.0 340 740.0 348 740.3 353 743.5 358 743.5 550

GR 743.9 570 745.0 640 747.4 665 752.8 710 755.7 730

NC

.08 .08 .065 .1 .3
86700
X1 58965 17 582 623 1450 1450 1450
1340 1340 1340

GR 759.5 0 754.0 150 749.3 270 748.0 368 745.0 520

GR 746.2 545 746.2 582 744.3 592 740.6 597 740.3 505

GR 741.0 612 744.9 620 746.2 623 747.7 740 748.9 823

GR 757.6 953 762.0 1010

NC

.0 .0 .0 .0 .7
86780
X1 59085 80 80 80

X3 10 751.0 751.0

SB 0 1.5 2.5 0 10 0 410 1.08 741.0 741.0

86820
X1 59085 19 582 623 40 40 40 .7

X2 1 749.0 751.0

X3 10 751.0 751.0

BT 6 0 755.7 15 755.2 582 750.9 749.0

BT 623 750.9 749.0 795 751.9 1010 761.3

GR 759.5 0 759.0 15 754.0 150 749.3 270 754.0 368

GR 745.0 520 746.2 545 746.2 582 744.3 592 740.6 597

GR 740.3 605 740. 612 744.9 620 746.2 623 747.7 740

GR 748.5 795 748.9 823 757.6 953 762.0 1010

QT 6 720 1420 2400 2950 2950 4200

NC .08 .08 .065 .1 .3

X1 59165 14 425 465 80 80 80

GR 760.9 0 754.7 100 750.0 180 746.7 295 747.2 425

GR 740.8 430 740.3 435 740.6 442 745.5 445 746.2 532

GR 747.0 560 747.2 598 751.5 765 756.8 825 760.9 905

NC .1 .3

QT 6 600 1250 2100 2600 2600 3500

NC .085 .085 .065 .1 .3

X1 48100 17 270 298 935 935 935

GR 760.3 0 756.1 40 748.6 155 748.4 220 747.5 270

GR 742.2 275 741.9 280 741.8 285 746.3 290 748.5 298

GR 748.1 330 748.3 555 750.2 665 750.0 735 758.5 815

GR 761.1 885 763.0 800

EJ

T14-6-76, PROJ. CRANE CR., ROWAN COUNTY S.H.F.I. REPORT, NR. SALISBURY N.C., SUBJ. 2, 10,

T250, 100, AND 500-YR. FLOOD FREQ. PROFILES EXIST. CONDS. 100-YR. FLOODWAY PROFILE.

T3 CRANE CR. 10-YR. FLOOD EXISTING CONDITIONS, CODING BY S.P.F. & C.E.K. CORPS

J1 3 .00102 624.1

J2 2 .1

T14-6-76, PROJ. CRANE CR., ROWAN COUNTY S.H.F.I. REPORT, NR. SALISBURY N.C., SUBJ. 2, 10,

T250, 100, AND 500-YR. FLOOD FREQ. PROFILES EXIST. CONDS. 100-YR. FLOODWAY PROFILE.

T3 CRANE CR. 50-YR. FLOOD EXISTING CONDITIONS, CODING BY S.P.F. & C.E.K. CORPS

J1 4 .00102 625.97

J2 3 .1

T14-6-76, PROJ. CRANE CR., ROWAN COUNTY S.H.F.I. REPORT, NR. SALISBURY N.C., SUBJ. 2, 10,

T250, 100, AND 500-YR. FLOOD FREQ. PROFILES EXIST. CONDS. 100-YR. FLOODWAY PROFILE.

T3 CRANE CR. 100-YR. FLOOD EXISTING CONDITIONS, CODING BY S.P.F. & C.E.K. CORPS

J1 5 ,00102 626.39

J2 4 -1

T14-6-76, PROJ, CRANE CR., ROWAN COUNTY S.H.F.I. REPORT, NR, SALISBURY N.C., SUBJ, 2, 10,

T250, 100, AND 500-YR, FLOOD FREQ, PROFILES EXIST, CONDS, 100-YR, FLOODWAY PROFILE,

T3 CRANE CR, 500 - 000 EXISTING CONDITIONS, CODING BY S.P.F.&C.E.K. CORPS

J1 7 ,00102 628.21

J2 15 -1

ER

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