

*** INPUT CARD PRINTOUT ***

1	2	3	4	5	6	7	8
1	1	SOUTH FORK NEW RIVER	FLOOD & FLOODWAY ANALYSES	20	5	02	05 15
2	2	307950 308189 308474 308278 308278					
3	203	R-T-1	1	19	3	3075	3050 99 99
4	204	4340	5540	10100	6700	6700	
5	220	0	1	30896	10	1	30889 31 1 30895 58 1 30899 80 1 30890
6	221	108	1	30815	112	1	30822 129 2 30822 141 2 30752 145 2 30711
7	222	155	2	30702	166	2	30694 181 2 30599 190 2 30712 200 3 30768
8	223	200	3	30800	300	3	30817 400 3 30862 475 3 30904
9	224	1	2	040 040	2	3	045 040 1 2 045 040
10	225	1	2	18 3	3076	3050	9 30909 3 0
11	226	5	1	30884	10	1	30872 25 1 30767 43 2 30763 53 2 30720
12	227	55	2	30713	63	2	30698 75 2 30701 95 2 30708 100 2 30713
13	228	105	2	30745	110	3	30770 152 3 30858 164 3 30929 167 3 30933
14	229	110	2	30917	43	2	30901 5 -9 30884
15	230	1	2	040 040	2	3	045 040 1 2 045 040
16	231	1	2	040 040	2	3	045 040 1 2 045 040
17	232	1	2	040 040	2	3	045 040 1 2 045 040
18	233	1	2	040 040	2	3	045 040 1 2 045 040
19	234	1	2	040 040	2	3	045 040 1 2 045 040
20	235	1	2	040 040	2	3	045 040 1 2 045 040
21	236	1	2	040 040	2	3	045 040 1 2 045 040
22	237	1	2	040 040	2	3	045 040 1 2 045 040
23	238	1	2	040 040	2	3	045 040 1 2 045 040
24	239	1	2	040 040	2	3	045 040 1 2 045 040
25	240	1	2	040 040	2	3	045 040 1 2 045 040
26	241	1	2	040 040	2	3	045 040 1 2 045 040
27	242	1	2	040 040	2	3	045 040 1 2 045 040
28	243	1	2	040 040	2	3	045 040 1 2 045 040
29	244	1	2	040 040	2	3	045 040 1 2 045 040
30	245	1	2	040 040	2	3	045 040 1 2 045 040
31	246	1	2	040 040	2	3	045 040 1 2 045 040
32	247	1	2	040 040	2	3	045 040 1 2 045 040
33	248	1	2	040 040	2	3	045 040 1 2 045 040
34	249	1	2	040 040	2	3	045 040 1 2 045 040
35	250	1	2	040 040	2	3	045 040 1 2 045 040
36	251	1	2	040 040	2	3	045 040 1 2 045 040
37	252	1	2	040 040	2	3	045 040 1 2 045 040
38	253	1	2	040 040	2	3	045 040 1 2 045 040
39	254	1	2	040 040	2	3	045 040 1 2 045 040
40	255	1	2	040 040	2	3	045 040 1 2 045 040
41	256	1	2	040 040	2	3	045 040 1 2 045 040
42	257	1	2	040 040	2	3	045 040 1 2 045 040
43	258	1	2	040 040	2	3	045 040 1 2 045 040
44	259	1	2	040 040	2	3	045 040 1 2 045 040
45	260	1	2	040 040	2	3	045 040 1 2 045 040
46	261	1	2	040 040	2	3	045 040 1 2 045 040
47	262	1	2	040 040	2	3	045 040 1 2 045 040
48	263	1	2	040 040	2	3	045 040 1 2 045 040
49	264	1	2	040 040	2	3	045 040 1 2 045 040
50	265	1	2	040 040	2	3	045 040 1 2 045 040
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52	267	1	2	040 040	2	3	045 040 1 2 045 040
53	268	1	2	040 040	2	3	045 040 1 2 045 040
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55	270	1	2	040 040	2	3	045 040 1 2 045 040
56	271	1	2	040 040	2	3	045 040 1 2 045 040
57	272	1	2	040 040	2	3	045 040 1 2 045 040
58	273	1	2	040 040	2	3	045 040 1 2 045 040
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68	283	1	2	040 040	2	3	045 040 1 2 045 040
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70	285	1	2	040 040	2	3	045 040 1 2 045 040
71	286	1	2	040 040	2	3	045 040 1 2 045 040
72	287	1	2	040 040	2	3	045 040 1 2 045 040
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74	289	1	2	040 040	2	3	045 040 1 2 045 040
75	290	1	2	040 040	2	3	045 040 1 2 045 040
76	291	1	2	040 040	2	3	045 040 1 2 045 040
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85	300	1	2	040 040	2	3	045 040 1 2 045 040
86	301	1	2	040 040	2	3	045 040 1 2 045 040
87	302	1	2	040 040	2	3	045 040 1 2 045 040
88	303	1	2	040 040	2	3	045 040 1 2 045 040
89	304	1	2	040 040	2	3	045 040 1 2 045 040
90	305	1	2	040 040	2	3	045 040 1 2 045 040
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92	307	1	2	040 040	2	3	045 040 1 2 045 040
93	308	1	2	040 040	2	3	045 040 1 2 045 040
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95	310	1	2	040 040	2	3	045 040 1 2 045 040
96	311	1	2	040 040	2	3	045 040 1 2 045 040
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99	314	1	2	040 040	2	3	045 040 1 2 045 040
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109	324	1	2	040 040	2	3	045 040 1 2 045 040
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111	326	1	2	040 040	2	3	045 040 1 2 045 040
112	327	1	2	040 040	2	3	045 040 1 2 045 040
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114	329	1	2	040 040	2	3	045 040 1 2 045 040
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116	331	1	2	040 040	2	3	045 040 1 2 045 040
117	332	1	2	040 040	2	3	045 040 1 2 045 040
118	333	1	2	040 040	2	3	045 040 1 2 045 040
119	334	1	2	040 040	2	3	045 040 1 2 045 040
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121	336	1	2	040 040	2	3	045 040 1 2 045 040
122	337	1	2	040 040	2	3	045 040 1 2 045 040
123	338	1	2	040 040	2	3	045 040 1 2 045 040
124	339	1	2	040 040	2	3	045 040 1 2 045 040
125	340	1	2	040 040	2	3	045 040 1 2 045 040
126	341	1	2	040 040	2	3	045 040 1 2 045 040
127	342	1	2	040 040	2	3	045 040 1 2 045 040
128	343	1	2	040 040	2	3	045 040 1 2 045 040
129	344	1	2	040 040	2	3	045 040 1 2 045 040
130	345	1	2	040 040	2	3	045 040 1 2 045 040
131	346	1	2	040 040	2	3	045 040 1 2 045 040
132	347	1	2	040 040	2	3	045 040 1 2 045 040
133	348	1	2	040 040	2	3	045 040 1 2 045 040
134	349	1	2	040 040	2	3	045 040 1 2 045 0

4

6 7

5	1105	1100	4	30839	1146	4	30852	1166	4	30927				
5	1106	1	2	045 040	1	2	075 075	1	2	055 055	2	4	050 045	
3	1200	F	1	15	3	3076	6920	99	99					
4	1201	3200	5330	9720	6450	6450								
5	1203	-10	1	30950	0	1	30939	50	1	30843	71	1	30819	98 2 30817
5	1204	102	2	30766	107	2	30759	122	2	30758	146	2	30750	158 2 30766
5	1205	160	3	30778	214	3	30807	247	3	30840	292	3	30890	312 3 30943
5	1206	2	4	060 055	1	2	050 050	2	4	065 055				
3	1300	0	0	12	2	3080	6260	99	99					
5	1301	-5	1	30962	0	1	30958	25	1	30914	60	1	30885	75 1 30845 42
5	1302	96	2	30925	103	2	30784	108	2	30773	116	2	30768	135 2 30776
5	1303	144	2	30784	172	2	30952							
5	1304	2	4	080 070	1	2	055 055							
3	1393	0	1	16	3	3082	9195	99	99					
4	1391	3170	5150	9450	6270	6270								
5	1402	0	1	30975	50	1	30920	100	1	30898	150	1	30894	185 1 30893
5	1403	217	2	30912	230	2	30900	244	2	30852	260	3	30851	265 3 30804
5	1404	269	3	30798	287	3	30790	310	3	30784	314	3	30804	331 3 30899
5	1405	350	3	30975										
5	1406	1	2	040 040	2	4	065 060	1	2	050 050				
3	1500	0	13	3	3064	11370	99	99						
5	1501	0	1	31009	60	1	30937	110	1	30920	170	2	30936	188 2 30835
5	1502	146	2	30919	210	2	30917	241	2	30916	262	2	30934	283 3 30903
5	1503	255	3	30961	272	3	30969	280	3	31003				
5	1504	1	2	040 040	1	2	050 050	2	4	060 070				
3	1600	0	17	4	3067	12385	99	99						
5	1601	0	1	31025	0	1	30949	17	1	30899	32	2	30863	38 2 30847
5	1602	41	2	30929	54	2	30829	70	2	30857	73	2	30847	76 3 30898
5	1603	91	3	30903	100	4	30895	100	4	30910	170	4	30920	216 4 30951
5	1604	261	4	31000	286	4	31020							
5	1605	1	2	070 060	1	2	065 060	2	4	070 060	1	2	070 070	
3	1700	0	19	3	3060	13395	99	99						
5	1701	0	1	31094	7	1	31028	18	1	31028	30	1	30972	52 2 30936
5	1702	43	2	30999	100	2	30969	114	2	30848	128	2	30852	134 2 30854
5	1703	144	2	30924	154	3	30937	200	3	30932	430	3	30927	600 3 30929
5	1704	200	3	30914	1000	3	30910	1050	3	309				

*** INPUT CARD PRINTOUT ***

.....1.....2.....3.....4.....5.....6.....7.....8
.....9.....0.....5.....0.....5.....0.....5.....0.....5.....0.....5.....0.....5.....0.....5.....0

6	1808	1	2	035	035	1	3	080	065	2	4	050	040	2	4	080	065
3	1900	M	0	24	3	3092	16545	99	99								
5	1901		0	1	31059	10	1	31014	175	1	31008	193	1	31010	300	1	30998
5	1902		400	1	30990	500	1	30986	530	1	30996	548	1	30992	500	1	30988
5	1903		700	1	30992	755	2	30986	809	2	30921	823	2	30922	828	2	30887
5	1904		832	2	30879	847	2	30882	861	2	30888	884	2	30888	889	2	30925
5	1905		908	3	30989	1000	3	30993	1100	3	31010	1175	3	31059			
6	1906	1	3	065	040	1	2	050	050	1	3	070	060				
3	11000	M-T	0	26	4	3093	17075	99	99								
5	11001		0	1	31059	200	1	31040	253	1	31039	275	1	31038	319	1	31017
5	11002		400	1	31022	486	1	31019	506	1	31019	600	1	31012	600	1	31006
5	11003		825	1	31005	836	2	31023	850	2	31021	866	2	30999	1000	2	30970
5	11004		1080	3	30953	1086	3	30926	1089	3	30898	1095	3	30890	1109	3	30882
5	11005		1129	3	30885	1132	3	30898	1142	3	30933	1160	4	31030	1200	4	31050
5	11006		1240	4	31068												
6	11007	1	2	100	100	2	3	065	040	1	2	045	045	1	2	060	060
3	11100	20	20	2	10	1	3089	17075		0	31030	1	0				
5	11101		0	1	31030	0	1	30903	5	1	30898	10	1	30888	28	1	30880
5	11102		29	1	30896	47	1	30883	58	1	30897	58	1	31030	0	1	31030
5	11103	2	3	045	045												
3	11200	100	3	2													
5	11201		1		30888	1		31030									
5	11300	1000	4	2	29			1	2		1	1			2		
5	11301		0	1	31063	200	1	31037	400	1	31033	600	1	31022	800	1	31020
5	11302		1000	1	31035	1167	2	31046	1284	2	31070						
3	11400	0-APP	5	27	3	3092	17150	1	3								
5	11401		0	1	31066	100	1	31014	200	1	31007	300	1	31027	360	1	31009
5	11402		400	1	31016	452	1	31025	510	1	31028	600	1	31025	714	1	31027
5	11403		735	1	31025	890	1	31001	900	1	30986	1000	1	30976	1100	1	30956
5	11404		1113	1	30950	1130	2	30959	1141	2	30929	1144	2	30898	1148	2	30887
5	11405		1161	2	30885	1166	2	30887	1184	2	30896	1188	3	30912	1184	3	30934
5	11406		1246	3													

PAGE 1 OF EDITING NOTES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES

SECID	ERROR SEVERITY	FIRST VARIABLE	NO.	ERROR MESSAGE	SECOND VARIABLE	NO.	VALUE ASSUMED
RO 1	WARNING	STATION	16	IS LESS THAN	STATION	15	
JO 1	WARNING	SA	16	OUT OF ORDER			
BO 1	WARNING	STATION	17	IS LESS THAN	STATION	16	
BO 1	WARNING	SA	17	OUT OF ORDER			
BO 1	WARNING	STATION	18	IS LESS THAN	STATION	17	
NO BO	WARNING	STATION	10	IS LESS THAN	STATION	9	

USGS STEP-BACKWATER PROGRAM - VERSION 76.170 *** PAGE COUNT= 5, DATE= 1/ 6/77

INPUT SUMMARY FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES

20 CROSS SECTIONS SPECIFIED (OR ASSUMED)

FOUND 20 TYPE 3 CARDS

KEPT 20 CROSS SECTIONS FOR EDITING

20 " " VALID FOR PROPERTY COMPUTATIONS

20 " " " " PROFILE "

CROSS-SECTION PROPERTIES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
SECID=A-TW AT DISTANCE= 3050 PART 1 OF 1

WS	A	K	ALPHA	B	P	LEW	REW	QC
3075.0	239	22836	1.00	56	58	141	197	2810
3075.5	267	26896	1.00	57	60	140	198	3272
3076.0	296	31234	1.00	59	62	140	199	3761
3076.5	326	35886	1.00	61	64	139	199	4281
3077.0	357	41021	1.00	66	70	138	204	4709
3077.5	393	46785	1.02	76	80	137	213	5008
3078.0	434	53036	1.05	87	91	136	223	5379
3078.5	480	59845	1.08	97	101	135	232	5824
3079.0	531	67293	1.11	107	111	134	241	6345
3079.5	587	75493	1.14	118	122	133	251	6954
3080.0	646	84534	1.17	128	132	132	260	7656
3080.5	716	94356	1.20	141	145	131	272	8372
3081.0	789	105244	1.22	153	158	130	284	9206
3081.5	869	116972	1.24	166	171	129	295	10131
3082.0	956	129836	1.26	183	188	106	307	11051
3082.5	1056	144642	1.29	214	219	104	318	11740
3083.0	1166	161438	1.32	226	232	102	329	13084
3083.5	1283	179759	1.34	239	245	101	340	14569
3084.0	1406	199630	1.35	252	258	99	351	16194
3084.5	1535	221091	1.36	265	271	97	362	17962
3085.0	1671	244184	1.37	278	284	95	373	19876
3085.5	1814	268956	1.37	291	297	93	384	21941
3086.0	1963	295454	1.37	304	310	91	396	24155
3086.5	2118	324129	1.36	316	322	89	405	26620
3087.0	2279	354824	1.36	327	333	87	414	29291
3087.5	2445	387311	1.35	338	344	86	423	32118
3088.0	2616	421622	1.34	348	354	84	432	35103
3088.5	2793	457790	1.33	359	365	82	441	38246
3089.0	2975	494265	1.34	375	381	9	450	41145
3089.5	3175	527728	1.37	381	427	1	459	42199
3090.0	3399	567265	1.40	458	475	0	468	43927
3090.4	3588	605844	1.39	475	482	0	475	47394

CROSS-SECTION PROPERTIES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
SECID=BC 1 AT DISTANCE= 3050 PART 1 OF 2

WS	A	K	ALPHA	B	P	LEW	REW	QC
3074.0	177	13978	1.00	56	57	48	104	1787
3074.5	205	17473	1.00	58	60	47	105	2197
3075.0	235	21280	1.00	60	62	46	106	2637
3075.5	265	25437	1.00	62	64	45	107	3112
3076.0	297	29946	1.00	64	67	44	108	3621
3076.5	331	34989	1.00	75	78	34	109	3928

CROSS-SECTION PROPERTIES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
SECID=80 1 AT DISTANCE= 3050 PART 2 OF 2

XS	A	K	ALPHA	B	P	LEW	REW	QC
3077.0	372	40827	1.03	85	88	25	110	4329
3077.5	416	47730	1.05	89	92	24	113	4969
3078.0	461	55231	1.07	92	95	23	115	5658
3078.5	508	63321	1.08	95	99	22	118	6392
3079.0	556	71997	1.09	99	102	22	120	7170
3079.5	606	81276	1.10	102	106	21	123	7994
3080.0	658	91167	1.11	105	109	20	125	8864
3080.5	711	101688	1.12	108	113	20	128	9783
3081.0	766	112859	1.12	112	116	19	130	10751
3081.5	823	124599	1.13	115	120	18	133	11760
3082.0	881	136968	1.13	118	123	17	136	12814
3082.5	941	149973	1.14	121	126	17	138	13916
3083.0	1002	163621	1.14	125	130	16	141	15066
3083.5	1066	177921	1.15	128	133	15	143	16264
3084.0	1130	192881	1.15	131	137	15	146	17511
3084.5	1197	208510	1.16	134	140	14	148	18807
3085.0	1265	224814	1.16	138	144	13	151	20154
3085.5	1335	241804	1.17	141	147	12	153	21551
3086.0	1406	259761	1.17	144	150	12	155	23082
3086.5	1478	278565	1.17	148	152	11	156	24784
3087.0	1551	298089	1.16	146	153	10	157	26537
3087.5	1624	317746	1.17	148	156	9	157	28226
3088.0	1699	337783	1.17	151	159	7	158	29890
3088.5	1775	357197	1.18	151	164	5	158	31776
3089.0	1848	372129	1.22	141	170	5	154	34446
3089.5	1916	387804	1.25	130	169	5	160	37300
3090.0	1978	403947	1.28	120	201	5	160	40391
3090.5	2034	377486	1.20	101	224	5	161	47147
3091.0	2079	351513	1.13	81	240	5	162	56192
3091.5	2115	331965	1.09	61	269	5	162	67694
3092.0	2140	319571	1.09	42	290	5	163	83000
3092.5	2157	311921	1.11	25	310	5	163	107788
3093.0	2165	305052	1.15	3	350	5	165	183674
3093.5	2166	300301	1.17	0	343	5	167	9

CROSS-SECTION PROPERTIES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
SECID=P-APP AT DISTANCE= 3247 PART 1 OF 2

XS	A	K	ALPHA	B	P	LEW	REW	QC
3074.0	191	15283	1.00	56	58	578	633	2006
3074.5	219	19183	1.00	58	60	577	635	2425
3075.0	249	23346	1.00	60	62	577	636	2878
3075.5	279	27607	1.00	62	64	576	638	3365

CROSS-SECTION PROPERTIES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
SECTION=B-APP AT DISTANCE= 3247 PART 2 OF 2

WS	A	K	ALPHA	B	P	LEW	REW	QC
3076.0	310	32205	1.00	64	67	576	639	3885
3076.5	344	37296	1.01	69	73	345	640	4325
3077.0	380	42859	1.02	75	79	344	641	4809
3077.5	418	48849	1.03	78	83	344	642	5400
3078.0	458	55240	1.04	81	86	343	643	6073
3078.5	499	61997	1.05	83	89	343	644	6782
3079.0	549	69226	1.08	123	130	342	644	6328
3079.5	620	77261	1.17	161	169	342	645	6392
3080.0	712	85772	1.31	280	289	341	646	5623
3080.5	864	98789	1.49	306	315	341	647	6751
3081.0	1031	114023	1.62	445	455	180	647	6998
3081.5	1255	132560	1.76	451	462	145	648	8902
3082.0	1452	154436	1.83	457	468	144	649	11204
3082.5	1712	179394	1.81	463	475	143	650	13901
3083.0	1945	207008	1.76	468	482	142	651	16954
3083.5	2180	237140	1.70	474	488	141	651	20347
3084.0	2430	267663	1.69	512	527	140	652	23120
3084.5	2687	303962	1.62	514	529	139	653	27372
3085.0	2944	342821	1.56	516	531	138	654	31971
3085.5	3293	384142	1.50	518	533	137	654	36889
3086.0	3462	427840	1.45	520	535	135	655	42103
3086.5	3723	473857	1.40	522	538	134	656	47598
3087.0	3984	522105	1.36	524	540	133	657	53357
3087.5	4278	552533	1.45	517	533	40	658	53050
3088.0	4559	606497	1.42	528	544	31	658	59064
3088.5	4905	663157	1.39	538	554	21	659	65364
3089.0	5227	722505	1.37	548	565	12	660	71943
3089.5	5554	784535	1.35	557	576	2	661	78795
3089.7	5686	816734	1.34	561	578	0	661	81795

CROSS-SECTION PROPERTIES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
SECTION=C AT DISTANCE= 3525 PART 1 OF 2

WS	A	K	ALPHA	B	P	LEW	REW	QC
3074.0	134	6560	1.00	57	55	508	552	1194
3074.5	162	8158	1.00	58	56	506	553	1553
3075.0	190	10213	1.00	58	60	505	554	1950
3075.5	229	12685	1.00	60	62	504	554	2382
3076.0	251	15396	1.00	62	64	503	555	2850
3076.5	282	18346	1.00	64	67	501	555	3353
3077.0	315	21536	1.00	66	69	500	557	3691
3077.5	349	24957	1.00	68	71	499	557	4465
3078.0	383	28639	1.00	70	73	498	558	5073

CROSS-SECTION PROPERTIES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
SECID=C AT DISTANCE= 3525 PART 2 OF 2

WS	A	K	ALPHA	B	P	LEW	REW	QC
3078.5	419	32159	1.00	74	77	495	569	5661
3079.0	457	35420	1.00	80	83	490	570	6218
3079.5	502	39390	1.01	116	120	454	570	5896
3080.0	572	45302	1.08	185	189	96	571	5487
3080.5	738	53464	1.35	499	502	73	572	4383
3081.0	992	68714	1.43	515	519	57	573	6525
3081.5	1252	90163	1.31	522	527	51	573	9618
3082.0	1515	118624	1.15	530	534	44	574	13526
3082.5	1781	151579	1.07	537	542	38	575	17772
3083.0	2052	187393	1.03	544	549	31	576	22209
3083.5	2326	227191	1.01	551	556	25	576	26890
3084.0	2602	271747	1.00	554	559	23	577	31916
3084.5	2880	320046	1.00	557	562	21	578	37143
3085.0	3158	371954	1.00	559	565	19	579	42567
3085.5	3439	427354	1.00	562	568	18	579	48190
3086.0	3720	486145	1.01	564	570	16	580	54012
3086.5	4003	548244	1.01	567	573	14	581	60032
3087.0	4287	613569	1.01	570	576	12	582	66247
3087.5	4573	682053	1.02	572	579	10	582	72658
3088.0	4859	753635	1.02	575	582	8	583	79260
3088.5	5147	828258	1.03	577	584	7	584	86052
3089.0	5437	905872	1.03	580	587	5	585	93031
3089.5	5727	985157	1.03	584	591	3	587	100029
3090.0	6020	1056559	1.04	588	596	1	589	107089
3090.5	6315	1151626	1.05	592	600	0	592	114378
3091.0	6612	1240632	1.05	594	603	0	594	121917
3091.1	6671	1254754	1.05	595	604	0	595	123442

CROSS-SECTION PROPERTIES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
SECID=D AT DISTANCE= 3970 PART 1 OF 2

WS	A	K	ALPHA	B	P	LEW	REW	QC
3075.0	175	9610	1.00	54	61	353	411	1711
3075.5	264	11569	1.00	60	63	352	413	2132
3076.0	235	13157	1.00	62	65	352	414	2589
3076.5	267	15327	1.00	64	67	351	415	3082
3077.0	299	18179	1.00	66	69	351	417	3611
3077.5	333	21252	1.00	68	72	350	418	4174
3078.0	367	24460	1.00	70	74	349	420	4758
3078.5	403	27844	1.00	73	77	346	421	5368
3079.0	440	31473	1.00	76	80	347	422	6017
3079.5	477	35352	1.00	79	83	345	424	6706
3080.0	520	39491	1.00	109	113	160	425	6440

CROSS-SECTION PROPERTIES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
SECID=D AT DISTANCE= 3970 PART 2 OF 2

WS	A	K	ALPHA	B	P	LEW	REW	QC
3080.5	605	44657	1.11	200	205	83	427	5672
3081.0	709	51592	1.16	219	223	79	428	6726
3081.5	823	60176	1.17	237	242	75	429	8059
3082.0	951	70723	1.15	281	286	71	431	9272
3082.5	1099	83965	1.13	309	315	68	432	11078
3083.0	1260	99260	1.11	332	338	64	434	13199
3083.5	1431	116313	1.10	355	361	60	435	15543
3084.0	1614	135442	1.09	377	383	56	436	18133
3084.5	1806	158304	1.07	386	392	52	438	21399
3085.0	2002	183648	1.06	392	398	48	439	24954
3085.5	2198	211042	1.05	397	403	44	441	28673
3086.0	2398	239883	1.04	403	410	40	443	32523
3086.5	2601	270566	1.04	410	416	36	446	36510
3087.0	2808	303211	1.04	416	423	32	448	40639
3087.5	3019	334287	1.04	428	434	28	473	44620
3088.0	3235	365981	1.05	440	447	24	474	48628
3088.5	3459	402035	1.06	452	459	20	475	52740
3089.0	3687	442334	1.06	460	467	16	476	57391
3089.5	3913	486573	1.07	465	473	12	477	62478
3090.0	4152	532717	1.07	470	476	8	478	67733
3090.5	4388	580754	1.07	475	483	4	479	73155
3091.0	4627	630633	1.07	480	488	0	480	78769

CROSS-SECTION PROPERTIES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
SECID=E AT DISTANCE= 5530 PART 1 OF 2

WS	A	K	ALPHA	B	P	LEW	REW	QC
3076.0	155	7906	1.00	58	60	658	716	1435
3076.5	185	10364	1.00	60	62	657	716	1841
3077.0	215	13091	1.00	61	64	656	717	2284
3077.5	249	14409	1.01	80	83	634	731	2476
3080.0	296	15884	1.02	108	111	632	754	2746
3080.5	357	18588	1.03	136	140	631	777	3226
3081.0	432	22435	1.04	164	168	629	799	3899
3081.5	521	29194	1.06	193	196	627	821	4743
3082.0	624	37540	1.07	218	222	625	843	5732
3082.5	739	47325	1.12	242	246	623	865	6918
3083.0	866	58270	1.16	271	275	616	887	8149
3083.5	1012	70548	1.21	320	324	609	929	9263
3084.0	1215	83697	1.38	373	378	102	1104	8538
3084.5	1525	104548	1.46	670	675	101	1122	10802
3085.0	1866	130273	1.49	776	781	100	1141	13639
3085.5	2300	162374	1.48	865	871	99	1149	17490

CROSS-SECTION PROPERTIES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
SECID=E AT DISTANCE= 5530 PART 2 OF 2

WS	A	K	ALPHA	B	P	LEW	REW	QC
3086.0	2746	203066	1.40	915	921	97	1150	22804
3086.5	3216	251537	1.32	963	969	96	1151	29051
3087.0	3707	308841	1.24	1004	1010	94	1152	36303
3087.5	4219	372627	1.19	1041	1047	92	1154	44165
3088.0	4745	442401	1.15	1056	1063	91	1155	53161
3088.5	5274	519527	1.12	1061	1069	89	1156	63064
3089.0	5806	601834	1.10	1070	1078	87	1157	73304
3089.5	6342	690785	1.08	1075	1083	83	1158	84197
3090.0	6883	782809	1.07	1090	1098	70	1160	95059
3090.5	7431	880440	1.06	1104	1113	56	1161	106370
3091.0	7987	983383	1.05	1119	1127	43	1162	118124
3091.5	8550	1091673	1.04	1134	1142	30	1163	130316
3092.0	9121	1205278	1.04	1148	1157	16	1164	142943
3092.5	9696	1324166	1.04	1163	1172	3	1166	156002
3092.7	9932	1374667	1.04	1166	1175	0	1166	161570

CROSS-SECTION PROPERTIES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
SECID=F AT DISTANCE= 6920 PART 1 OF 2

WS	A	K	ALPHA	B	P	LEW	REW	QC
3076.0	20	349	1.00	47	47	105	154	76
3076.5	40	1218	1.00	55	55	103	157	239
3077.0	74	2614	1.00	57	57	102	159	479
3077.5	103	4437	1.00	58	59	101	160	776
3078.0	133	6655	1.00	53	64	101	164	1090
3078.5	166	9306	1.04	73	74	101	173	1403
3079.0	205	12405	1.09	62	84	100	182	1763
3079.5	249	15979	1.13	92	94	100	192	2178
3080.0	297	20059	1.18	102	104	99	201	2651
3080.5	350	24672	1.22	111	114	99	210	3188
3081.0	408	29915	1.25	118	121	99	217	3844
3081.5	469	35761	1.26	124	127	98	222	4602
3082.0	537	42496	1.28	157	160	70	227	4977
3082.5	615	50287	1.32	166	169	66	232	5892
3083.0	704	59050	1.33	170	173	61	237	6922
3083.5	794	68869	1.34	185	188	57	242	8069
3084.0	889	79610	1.33	194	198	53	247	9333
3084.5	988	91669	1.32	203	206	49	252	10769
3085.0	1091	104522	1.31	210	213	46	256	12327
3085.5	1198	118106	1.31	217	220	44	261	13970
3086.0	1308	132687	1.30	224	227	41	265	15726
3086.5	1422	148261	1.29	231	235	39	270	17595
3087.0	1539	164914	1.28	238	242	36	274	19579

CROSS-SECTION PROPERTIES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
SECID=F AT DISTANCE= 6920 PART 2 OF 2

WS	A	K	ALPHA	B	P	LEW	REW	QC
3087.5	1660	182416	1.28	245	249	33	279	21656
3088.0	1784	200823	1.27	252	256	31	283	23830
3088.5	1912	220228	1.27	259	263	28	288	26112
3089.0	2043	240644	1.27	266	271	25	292	28504
3089.5	2178	263120	1.26	271	275	23	294	31236
3090.0	2314	286598	1.25	275	280	20	296	34073
3090.5	2453	311078	1.24	280	284	18	298	37013
3091.0	2594	336562	1.23	284	289	15	300	40058
3091.5	2738	363050	1.22	289	294	12	301	43205
3092.0	2883	390545	1.22	293	298	10	303	46455
3092.5	3031	419049	1.21	298	303	7	305	49807
3093.0	3181	448565	1.21	302	307	5	307	53261
3093.5	3333	479097	1.20	307	312	2	309	56818
3094.0	3488	510430	1.20	312	317	0	311	60419
3094.5	3645	542484	1.20	317	323	-4	312	64000
3095.0	3805	576410	1.20	322	328	-9	312	67844

CROSS-SECTION PROPERTIES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
SECID=G AT DISTANCE= 8200 PART 1 OF 2

WS	A	K	ALPHA	B	P	LEW	REW	QC
3080.0	119	5212	1.00	40	47	100	147	959
3080.5	133	7015	1.00	40	49	99	147	1262
3081.0	158	9045	1.00	50	51	99	148	1596
3081.5	183	11297	1.00	51	53	98	149	1961
3082.0	209	13766	1.00	53	55	97	150	2356
3082.5	236	16458	1.00	54	57	95	150	2781
3083.0	264	19569	1.01	60	63	91	151	3122
3083.5	290	22942	1.03	67	69	85	152	3495
3084.0	331	26599	1.05	73	75	80	153	3905
3084.5	369	30550	1.08	79	82	75	154	4353
3085.0	409	34868	1.11	81	85	73	154	4945
3085.5	450	39484	1.12	84	88	71	155	5577
3086.0	493	44416	1.14	87	93	69	156	6251
3086.5	537	49693	1.15	89	93	68	157	6972
3087.0	582	55306	1.15	92	98	66	158	7738
3087.5	628	61270	1.16	95	99	64	158	8550
3088.0	676	67587	1.16	97	102	62	159	9409
3088.5	726	74274	1.16	100	105	60	160	10317
3089.0	777	80685	1.18	107	112	54	161	10956
3089.5	832	87581	1.20	114	119	48	161	11570
3090.0	891	94962	1.22	120	125	42	162	12457
3090.5	953	102842	1.23	127	133	36	163	13317

CROSS-SECTION PROPERTIES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
SECID=6 AT DISTANCE= 8260 PART 2 OF 2

WS	A	K	ALPHA	B	P	LEW	REW	QC
3091.0	1018	111241	1.25	134	140	30	164	14254
3091.5	1087	120143	1.26	140	146	24	165	15297
3092.0	1158	129840	1.26	144	150	22	165	16593
3092.5	1231	139982	1.26	147	154	19	166	17950
3093.0	1305	150575	1.26	151	157	16	167	19368
3093.5	1382	161623	1.26	155	161	13	168	20848
3094.0	1460	173131	1.26	158	165	10	169	22390
3094.5	1540	185103	1.26	162	169	7	169	23995
3095.0	1622	197545	1.26	166	173	5	170	25664
3095.5	1705	210461	1.26	169	177	2	171	27397
3096.0	1791	223401	1.26	174	182	-2	172	29019
3096.2	1826	223466	1.26	177	185	-4	172	29586

CROSS-SECTION PROPERTIES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
SECID=6 AT DISTANCE= 5195 PART 1 OF 2

WS	A	K	ALPHA	B	P	LEW	REW	QC
3082.0	135	7560	1.00	54	55	263	317	1252
3082.5	165	10661	1.00	55	57	263	318	1618
3083.0	193	12715	1.00	56	58	262	319	2019
3083.5	221	15595	1.00	58	60	262	320	2454
3084.0	250	18942	1.00	59	62	261	320	2921
3084.5	280	22449	1.00	61	64	261	321	3420
3085.0	311	26213	1.00	62	65	260	322	3950
3085.5	340	30463	1.03	60	64	243	323	4667
3086.0	389	35172	1.05	62	66	242	324	5569
3086.5	431	40263	1.07	65	69	240	325	6320
3087.0	474	45721	1.08	67	71	239	326	6915
3087.5	518	51542	1.09	69	74	237	327	6752
3088.0	563	57756	1.10	72	76	236	328	7537
3088.5	619	64339	1.11	74	79	234	328	8367
3089.0	677	71311	1.11	75	102	233	329	9242
3089.5	712	78728	1.13	100	153	137	330	8301
3090.0	803	87449	1.21	203	208	95	331	8255
3090.5	911	97153	1.29	225	235	84	333	9060
3091.0	1032	105662	1.34	255	261	73	334	10152
3091.5	1166	122731	1.36	274	286	61	335	11719
3092.0	1306	135925	1.34	265	292	50	336	13666
3092.5	1450	157327	1.30	282	298	46	334	16995
3093.0	1598	177430	1.27	298	304	41	339	18662
3093.5	1748	199187	1.23	303	310	37	340	21466
3094.0	1901	222563	1.20	309	316	32	341	24454
3094.5	2057	247535	1.17	315	321	28	343	27610

CROSS-SECTION PROPERTIES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
SECID=H AT DISTANCE= 9195 PART 2 OF 2

WS	A	K	ALPHA	B	P	LEW	REW	QC
3095.0	2216	274080	1.14	321	327	23	344	30926
3095.5	2377	302190	1.12	326	333	19	345	34391
3096.0	2542	331850	1.10	332	339	14	346	38000
3096.5	2709	363070	1.09	338	345	10	348	41749
3097.0	2880	395832	1.07	343	351	5	349	45633
3097.5	3053	430142	1.06	349	357	1	350	49650
3098.0	3088	437430	1.06	350	358	0	350	50476

CROSS-SECTION PROPERTIES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
SECID=I AT DISTANCE= 11070 PART 1 OF 2

WS	A	K	ALPHA	B	P	LEW	REW	QC
3084.0	117	5633	1.00	55	57	187	242	966
3084.5	145	7895	1.00	56	58	186	242	1318
3085.0	173	10452	1.00	57	60	185	243	1708
3085.5	202	13289	1.00	58	62	184	243	2133
3086.0	231	16394	1.00	59	63	184	243	2592
3086.5	261	19861	1.00	62	66	183	244	3052
3087.0	293	23552	1.01	65	70	182	248	3494
3087.5	327	27606	1.02	70	75	181	251	3967
3088.0	364	31973	1.04	74	79	180	254	4471
3088.5	401	36676	1.05	77	82	179	256	5071
3089.0	440	41697	1.07	79	84	178	257	5724
3089.5	480	47025	1.08	80	86	177	258	6411
3090.0	521	52671	1.08	82	88	176	259	7130
3090.5	562	58636	1.09	84	90	175	260	7896
3091.0	605	64901	1.10	86	92	175	261	8692
3091.5	648	71487	1.10	88	94	174	262	9523
3092.0	693	78390	1.10	90	96	173	263	10391
3092.5	746	85719	1.13	125	132	95	264	9739
3093.0	818	93800	1.16	160	167	51	264	9636
3093.5	906	102962	1.25	150	203	66	265	9906
3094.0	1009	114516	1.30	209	217	57	266	11032
3094.5	1115	128088	1.31	214	222	53	267	12591
3095.0	1223	143365	1.30	219	227	49	268	14350
3095.5	1334	157953	1.30	224	232	45	269	16192
3096.0	1447	176766	1.29	229	238	41	270	18167
3096.5	1563	192287	1.28	235	243	37	271	20266
3097.0	1682	214997	1.26	240	248	32	272	22484
3097.5	1803	235875	1.25	245	254	28	273	24812
3098.0	1927	257931	1.24	250	259	24	274	27252
3098.5	2053	281163	1.23	255	264	20	275	29800
3099.0	2182	307571	1.22	260	270	16	276	32455

CROSS-SECTION PROPERTIES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
SECID=1 AT DISTANCE= 11070 PART 2 OF 2

WS	A	K	ALPHA	H	P	LEW	REW	QC
3099.5	2314	331159	1.21	266	275	12	277	35215
3100.0	2448	357929	1.20	271	280	7	278	38079
3100.5	2585	385887	1.19	276	286	3	279	41048
3100.9	2695	409174	1.19	280	290	0	280	43520

CROSS-SECTION PROPERTIES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
SECID=J AT DISTANCE= 12385 PART 1 OF 1

WS	A	K	ALPHA	B	P	LEW	REW	QC
3087.0	137	9934	1.00	39	43	34	73	1457
3087.5	157	12163	1.00	40	44	33	74	1763
3088.0	175	14572	1.00	41	45	32	74	2092
3088.5	199	17250	1.00	44	48	30	74	2401
3089.0	222	20258	1.02	45	54	25	74	2665
3089.5	247	23485	1.04	53	59	21	74	2953
3090.0	265	27145	1.15	104	110	17	153	2502
3090.5	350	31921	1.34	141	147	16	157	2705
3091.0	421	37425	1.45	145	151	15	159	3341
3091.5	495	44891	1.49	151	157	14	165	4175
3092.0	572	52768	1.50	157	164	13	170	5068
3092.5	653	62036	1.47	165	172	12	177	6077
3093.0	737	72674	1.43	173	180	11	185	7219
3093.5	826	84843	1.39	182	189	11	192	8488
3094.0	919	98495	1.35	190	197	10	200	9852
3094.5	1016	111913	1.36	198	206	9	207	11203
3095.0	1116	126337	1.36	207	214	8	215	12636
3095.5	1222	141910	1.36	212	220	7	220	14249
3096.0	1330	159468	1.37	217	228	7	224	15952
3096.5	1440	179975	1.37	223	231	6	229	17751
3097.0	1552	194426	1.37	228	235	6	233	19614
3097.5	1666	213817	1.34	233	242	5	238	21550
3098.0	1785	239147	1.34	238	247	5	243	23559
3098.5	1906	265415	1.39	243	252	4	247	25539
3099.0	2028	277520	1.40	248	258	4	252	27791
3099.5	2154	300764	1.41	253	263	3	256	30014
3100.0	2297	324854	1.42	257	268	2	261	32309
3100.5	2412	350500	1.42	261	271	2	263	34536
3101.0	2543	377050	1.42	263	273	1	265	37640
3101.5	2675	404558	1.42	265	275	1	266	40419
3102.0	2808	432934	1.42	266	279	0	268	43270
3102.3	2863	451653	1.42	268	279	0	268	45135

CROSS-SECTION PROPERTIES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
 SECID=N AT DISTANCE= 13895 PART 1 OF 1

WS	A	K	ALPHA	B	P	LEW	REW	QC
3088.0	125	7910	1.00	46	47	91	137	1169
3088.5	149	10263	1.00	48	49	90	138	1487
3089.0	173	12878	1.00	49	51	89	138	1836
3089.5	198	15752	1.00	51	53	88	139	2213
3090.0	224	18885	1.00	53	55	87	140	2620
3090.5	250	22274	1.00	54	57	87	141	3056
3091.0	278	25921	1.00	56	59	86	142	3520
3091.5	369	30719	1.33	277	281	85	1007	2092
3092.0	526	38732	1.68	352	356	84	1013	2814
3092.5	721	49739	1.82	420	432	84	1020	3938
3093.0	1012	59755	2.31	812	817	83	1027	4218
3093.5	1457	84551	2.03	931	936	82	1033	7266
3094.0	1934	122152	1.63	964	968	76	1040	12156
3094.5	2419	170750	1.39	978	982	69	1047	18339
3095.0	2912	229148	1.24	992	996	62	1053	25841
3095.5	3411	296329	1.15	1005	1010	55	1060	33175
3096.0	3910	367401	1.11	1014	1019	47	1061	41361
3096.5	4425	445102	1.09	1022	1027	40	1062	50045
3097.0	4938	529199	1.07	1031	1036	33	1064	59197
3097.5	5455	619724	1.06	1035	1040	29	1065	68949
3098.0	5973	716848	1.05	1037	1043	25	1066	79316
3098.5	6492	820263	1.04	1040	1045	27	1067	90176
3099.0	7013	928798	1.04	1042	1048	26	1068	101381
3099.5	7534	1042867	1.03	1044	1050	25	1069	112994
3100.0	8057	1162368	1.03	1046	1052	24	1071	125005
3100.5	8580	1287184	1.03	1048	1055	24	1072	137404
3101.0	9105	1417209	1.02	1050	1057	23	1073	150178
3101.5	9631	1552347	1.02	1053	1059	22	1074	163320
3102.0	10157	1692508	1.02	1055	1062	21	1075	176620
3102.5	10685	1837609	1.02	1057	1064	20	1076	190670
3103.0	11217	1983003	1.03	1072	1079	6	1076	203210
3103.5	11753	2137912	1.03	1075	1083	4	1079	217640
3104.0	12292	2297630	1.03	1078	1086	2	1080	232403
3104.5	12723	2429607	1.03	1080	1088	0	1080	244546

CROSS-SECTION PROPERTIES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
 SECID=L AT DISTANCE= 15435 PART 1 OF 2

WS	A	K	ALPHA	B	P	LEW	REW	QC
3089.0	124	7621	1.00	44	48	560	513	1181
3089.5	147	10406	1.00	45	49	566	513	1504
3090.0	171	12577	1.00	51	55	562	513	1785
3090.5	197	15418	1.00	52	57	562	513	2180

CROSS-SECTION PROPERTIES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
SECTION=L AT DISTANCE= 15435 PART 2 OF 2

WS	A	K	ALPHA	B	P	LEW	REW	QC
3091.0	223	20342	1.00	53	58	561	614	2603
3091.5	250	24143	1.00	54	60	560	614	3054
3092.0	277	28208	1.00	55	61	559	614	3532
3092.5	305	31934	1.00	58	65	559	617	3966
3093.0	335	36006	1.00	61	68	558	619	4436
3093.5	366	40443	1.00	65	72	557	622	4944
3094.0	412	45614	1.06	123	130	116	807	4152
3094.5	491	51769	1.23	193	200	104	915	4005
3095.0	605	59308	1.47	265	272	90	822	4271
3095.5	759	68603	1.77	352	360	73	829	4753
3096.0	953	81429	2.03	410	417	57	936	5788
3096.5	1248	97159	2.51	750	758	40	844	5764
3097.0	1650	124918	2.54	814	822	37	851	8359
3097.5	2059	161202	2.29	824	832	34	858	12202
3098.0	2474	204510	2.03	834	842	31	865	16964
3098.5	2894	254167	1.82	844	852	28	873	22518
3099.0	3316	310670	1.65	853	861	25	878	28868
3099.5	3747	371873	1.54	860	869	19	880	35727
3100.0	4174	437641	1.46	866	875	15	882	43019
3100.5	4613	507011	1.41	870	878	14	884	50820
3101.0	5048	585269	1.36	874	882	12	886	59004
3101.5	5486	666271	1.33	877	886	10	888	67538
3102.0	5926	751887	1.30	881	890	9	889	76400
3102.5	6367	842065	1.28	884	893	7	891	85573
3103.0	6810	936525	1.27	888	897	5	893	95044
3103.5	7255	1035358	1.25	892	901	4	895	104805
3104.0	7702	1133421	1.24	895	905	2	897	114847
3104.5	8150	1245643	1.24	899	908	0	899	125165
3104.7	8330	1299913	1.23	900	910	0	900	129390

CROSS-SECTION PROPERTIES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
SECTION=L AT DISTANCE= 16545 PART 1 OF 2

WS	A	K	ALPHA	B	P	LEW	REW	QC
3092.0	211	13524	1.00	65	67	823	888	2162
3092.5	250	15184	1.00	83	86	806	889	2454
3093.0	293	18956	1.00	89	92	802	890	3014
3093.5	339	23198	1.00	95	97	797	892	3636
3094.0	387	27929	1.00	100	103	793	893	4321
3094.5	439	33167	1.00	106	109	789	895	5071
3095.0	493	38928	1.00	112	115	785	896	5886
3095.5	551	45231	1.00	117	120	781	898	6759
3096.0	611	52092	1.00	123	126	777	899	7721

CROSS-SECTION PROPERTIES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
SECID=M AT DISTANCE= 16545 PART 2 OF 2

WS	A	K	ALPHA	B	P	LEW	REW	QC
3096.5	673	59529	1.00	128	132	772	901	8745
3097.0	739	67558	1.00	134	138	768	902	9840
3097.5	807	76196	1.00	140	143	764	904	11009
3098.0	879	85459	1.00	145	149	760	905	12254
3098.5	953	95365	1.00	151	155	756	907	13575
3099.0	1068	107721	1.07	401	405	400	931	9561
3099.5	1353	124578	1.38	667	671	337	1012	9316
3100.0	1712	146416	1.66	759	763	282	1041	11308
3100.5	2110	174012	1.83	833	837	238	1071	14090
3101.0	2553	204780	1.97	980	984	120	1100	16637
3101.5	3078	244949	2.01	1098	1102	10	1108	20625
3102.0	3629	304146	1.78	1197	1111	9	1115	27921
3102.5	4164	381175	1.52	1115	1129	8	1123	37267
3103.0	4744	467132	1.36	1124	1128	6	1131	47376
3103.5	536	548221	1.30	1133	1137	5	1138	57116
3104.0	5877	635766	1.26	1142	1146	4	1146	67466
3104.5	6450	729606	1.22	1150	1155	3	1154	78358
3105.0	7022	829564	1.20	1159	1164	2	1161	89745
3105.5	7509	935487	1.18	1165	1173	1	1169	101591
3106.0	8078	1024419	1.16	1175	1180	0	1175	111379

CROSS-SECTION PROPERTIES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
SECID=M AT DISTANCE= 17375 PAGE 1 OF 2

WS	A	K	ALPHA	B	P	LEW	REW	QC
3093.0	206	16113	1.00	56	58	1085	1141	2273
3093.5	237	19415	1.00	58	61	1084	1142	2702
3094.0	266	23071	1.00	60	63	1083	1143	3172
3094.5	297	27027	1.00	62	65	1082	1144	3674
3095.0	329	31247	1.00	64	67	1081	1145	4210
3095.5	362	36016	1.00	76	79	1071	1146	4493
3096.0	406	41419	1.05	100	103	1047	1147	4536
3096.5	462	47420	1.12	124	128	1024	1148	4768
3097.0	531	54151	1.22	149	152	1000	1149	5152
3097.5	611	61718	1.32	173	177	977	1150	5680
3098.0	704	70212	1.42	197	201	954	1151	6338
3098.5	808	79725	1.51	221	225	931	1152	7132
3099.0	925	90339	1.60	245	249	909	1153	8066
3099.5	1053	102822	1.64	269	273	884	1154	9231
3100.0	1194	119399	1.57	289	293	866	1154	10967
3100.5	1339	146032	1.32	292	296	864	1155	14137
3101.0	1524	171710	1.28	456	461	667	1156	13955
3101.5	1756	197084	1.33	563	573	560	1157	15272

CROSS-SECTION PROPERTIES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
SECID=N-TV AT DISTANCE= 17075 PART 2 OF 2

WS	A	K	ALPHA	B	P	LEW	REW	QC
3102.0	2100	225116	1.52	730	735	313	1158	16400
3102.5	2512	252275	1.75	857	862	302	1159	18461
3103.0	2943	290514	1.85	968	974	292	1160	22582
3103.5	3382	333666	1.93	984	994	281	1170	26936
3104.0	3837	377799	2.03	980	986	200	1180	30214
3104.5	4343	427337	2.12	1043	1048	147	1190	34515
3105.0	4880	480765	2.21	1105	1111	95	1200	39164
3105.5	5448	538165	2.28	1169	1175	42	1211	44148
3106.0	6049	600445	2.35	1222	1228	0	1222	49807
3106.5	6662	669998	2.36	1233	1240	0	1233	57113
3106.8	7033	713690	2.37	1240	1247	0	1240	61721

CROSS-SECTION PROPERTIES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
SECID=NO 80 AT DISTANCE= 17075 PART 1 OF 2

WS	A	K	ALPHA	B	P	LEW	REW	QC
3089.0	17	330	1.00	35	35	9	53	65
3089.5	37	1026	1.00	48	50	6	56	186
3090.0	64	2305	1.50	54	55	4	58	391
3090.5	91	4059	1.00	57	59	1	58	657
3091.0	120	6254	1.00	58	61	0	58	979
3091.5	149	8874	1.00	58	62	0	58	1354
3092.0	175	11809	1.00	58	63	0	58	1768
3092.5	207	15028	1.00	58	64	0	58	2218
3093.0	236	18506	1.00	58	65	0	58	2700
3093.5	265	22222	1.00	58	66	0	58	3212
3094.0	294	26150	1.00	58	67	0	58	3754
3094.5	323	30295	1.00	58	68	0	58	4323
3095.0	352	34523	1.00	58	69	0	58	4919
3095.5	381	39128	1.00	58	70	0	58	5538
3096.0	410	43799	1.00	58	71	0	58	6182
3096.5	439	48627	1.00	58	72	0	58	6850
3097.0	468	53601	1.00	58	73	0	58	7540
3097.5	497	58713	1.00	58	74	0	58	8251
3098.0	526	63957	1.00	58	75	0	58	8984
3098.5	555	69325	1.00	58	76	0	58	9737
3099.0	584	74810	1.00	58	77	0	58	10510
3099.5	613	80406	1.00	58	78	0	58	11303
3100.0	642	86109	1.00	58	79	0	58	12114
3100.5	671	91912	1.00	58	80	0	58	12944
3101.0	700	97812	1.00	58	81	0	58	13792
3101.5	729	103804	1.00	58	82	0	58	14658
3102.0	758	109862	1.00	58	83	0	58	15547

CROSS-SECTION PROPERTIES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
SECID=NO 80 AT DISTANCE= 17075 PART 2 OF 2

WS	A	K	ALPHA	B	P	LEW	REW	QC
3102.5	787	116045	1.00	58	84	0	58	16442
3103.0	816	86379	1.00	0	143	0	56	0

CROSS-SECTION PROPERTIES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
SECID=0-APP AT DISTANCE= 17150 PART 1 OF 1

WS	A	K	ALPHA	B	P	LEW	REW	QC
3092.0	132	9476	1.01	48	50	1142	1190	1235
3092.5	157	13072	1.02	50	52	1141	1192	1556
3093.0	182	17358	1.04	52	54	1141	1193	1898
3093.5	209	21687	1.05	56	56	1139	1195	2241
3094.0	239	25776	1.07	61	63	1137	1198	2581
3094.5	270	30266	1.10	66	69	1135	1201	2955
3095.0	305	35155	1.13	72	74	1133	1205	3364
3095.5	347	40535	1.19	77	100	1102	1208	3419
3096.0	404	45743	1.30	132	134	1050	1212	3520
3096.5	477	54588	1.46	163	163	1055	1215	3856
3097.0	564	63427	1.64	198	191	1030	1216	4325
3097.5	665	73562	1.81	217	220	1005	1222	4414
3098.0	783	84797	2.00	258	261	967	1225	5457
3098.5	924	97822	2.19	303	306	925	1228	6177
3099.0	1087	113224	2.39	347	350	885	1232	7130
3099.5	1271	131529	2.42	387	392	846	1235	8358
3100.0	1475	153223	2.44	431	434	808	1239	9714
3100.5	1696	172566	2.27	453	456	789	1242	12385
3101.0	1935	203544	2.45	535	539	757	1245	13548
3101.5	2243	223220	2.63	575	578	98	1248	13761
3102.0	2605	253755	2.82	768	772	88	1251	16171
3102.5	3012	301404	2.75	868	872	74	1253	19174
3103.0	3562	321039	3.52	1107	1190	69	1256	18558
3103.5	4158	409907	2.73	1177	1202	60	1258	26598
3104.0	4761	505422	2.26	1211	1215	50	1261	35581
3104.5	5359	596864	2.06	1223	1227	40	1264	44430
3105.0	5964	693651	1.90	1235	1239	31	1266	54158
3105.5	6605	800152	1.78	1254	1251	21	1269	64687
3106.0	7232	912574	1.67	1264	1264	12	1271	75950
3106.5	7864	1031953	1.59	1272	1276	2	1274	87888
3107.0	8502	1161695	1.52	1276	1261	0	1276	100941
3107.5	9141	1290640	1.46	1277	1264	0	1279	114765
3107.7	9397	1355352	1.44	1280	1285	0	1280	120367

*** INPUT CARD PRINTOUT ***

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7 20000

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USGS STEP-BACKWATER PROGRAM - VERSION 76.170 *** PAGE COUNT= 22, DATE= 1/ 6/77

PAGE 1 OF PROFILE NOTES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
INITIAL VALUES ARE: Q = 3390, H = 3079.60

SECID, ERROR OR WARNING MESSAGE, INTERMEDIATE RESULTS (IF ANY), ACTION TAKEN

E	.KU/KD < 0.7 OR > 1.4	
G	.KU/KD < 0.7 OR > 1.4	.USED COMPUTED WSU
K	.KU/KD < 0.7 OR > 1.4	.USED COMPUTED WSU
L	.KU/KD < 0.7 OR > 1.4	.USED COMPUTED WSU

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WATER-SURFACE PROFILE FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES

PAGE 1 OF 2

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SECID AT DISTANCE/ LENGTH/DISCHARGE/ AREA /CONVEYANCE/ ALPHA/ LEW / REW

WS ELEV / HV / HF / HE / EG / V / FN / ACC *ID*

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A-TW AT 3050 / 0 / 3090. / 599. / 77227. / 1.15 / 133. / 252.

3079.60 / 0.57 / / 3080.17 / 5.56 / 0.39 / *IS*

===== BEGIN BRIDGE ANALYSIS =====

BO 1 AT 3050 / / 3390. / 616. / 83202. / 1.10 / 21. / 123.

3079.60 / 0.47 / ...1... (0.071) / 5.50 / 0.40 / *RU*

=====

NO ROAD-GRADE DATA

RG

=====

B-APP AT 3247 / 197 / 3390. / 730. / 87108. / 1.34 / 341. / 646.

3060.06 / 0.45 / 0.34 / 0.0 / 3080.51 / 4.64 / 0.34 / 0.002 *AS*

=====

A = 0.03 / F = 0.0 / K* = 0.47 / 816. / 94377. / 1.45 / 341. / 646.

3080.34 / 0.39 / / 3080.73 / 4.16 / 0.32 / *AS*

===== END BRIDGE ANALYSIS =====

C AT 3525 / 273 / 3390. / 972. / 57334. / 1.44 / 58. / 573.

3060.96 / 0.27 / 0.50 / 0.0 / 3081.23 / 3.49 / 0.30 / -0.002 *XS*

=====

D AT 3970 / 445 / 3390. / 970. / 72285. / 1.14 / 71. / 431.

3082.07 / 0.22 / 1.05 / 0.0 / 3082.28 / 3.50 / 0.26 / -0.000 *XS*

=====

E AT 5030 / 1500 / 3390. / 1541. / 105621. / 1.46 / 101. / 1123.

3084.52 / 0.11 / 2.35 / 0.0 / 3084.53 / 2.20 / 0.20 / 0.002 *XS*

=====

F AT 5725 / 1399 / 3250. / 1238. / 123450. / 1.30 / 43. / 262.

3085.59 / 0.14 / 1.15 / 0.02 / 3085.53 / 2.53 / 0.20 / 0.000 *XS*

=====

G AT 6250 / 1300 / 3250. / 623. / 60502. / 1.15 / 54. / 158.

3087.44 / 0.49 / 1.91 / 0.18 / 3087.93 / 5.24 / 0.35 / 0.014 *XS*

=====

H AT 7155 / 735 / 3170. / 725. / 80106. / 1.14 / 127. / 330.

3089.59 / 0.34 / 1.92 / 0.0 / 3089.92 / 4.37 / 0.29 / -0.000 *XS*

=====

I AT 11075 / 1575 / 3170. / 733. / 84127. / 1.12 / 95. / 213.

3092.40 / 0.33 / 2.80 / 0.0 / 3092.12 / 4.32 / 0.27 / 0.000 *XS*

=====

J AT 12385 / 1315 / 3170. / 929. / 95801. / 1.35 / 10. / 200.

3094.05 / 0.25 / 1.57 / 0.0 / 3094.30 / 3.41 / 0.25 / 0.001 *XS*

=====

K AT 13875 / 1510 / 3170. / 2467. / 223430. / 1.25 / 62. / 1053.

3094.95 / 0.02 / 3.68 / 0.0 / 3094.98 / 1.11 / 0.11 / 0.002 *XS*

=====

L AT 15435 / 1500 / 3100. / 835. / 73081. / 1.09 / 67. / 832.

3095.70 / 0.41 / 0.93 / 0.19 / 3095.11 / 3.71 / 0.36 / 0.014 *XS*

=====

10 - Yr.

USGS STEP-BACKWATER PROGRAM - VERSION 76.170 *** PAGE COUNT= 24, DATE= 1/ 6/77

=====

WATER-SURFACE PROFILE FOR: SOUTH FORK NEW RIVER: FLOOD & FLOODWAY ANALYSES

PAGE 2 OF 2

=====

SECID AT DISTANCE/ LENGTH/DISCHARGE/ AREA /CONVEYANCE/ ALPHA/ LEW / REW

WS ELEV / HV / HF / HE / EG / V / FN / ACC *ID*

=====

1 AT 16545 / 1110 / 3100. / 836. / 79910. / 1.00 / 762. / 904.

3097.70 / 0.21 / 1.83 / 0.0 / 3097.92 / 3.71 / 0.27 / -0.018 *XS*

=====

N-TW AT 17075 / 530 / 3100. / 798. / 78817. / 1.50 / 933. / 1152.

3098.45 / 0.35 / 0.81 / 0.07 / 3098.81 / 3.88 / 0.31 / 0.010 *XS*

=====

===== BEGIN BRIDGE ANALYSIS =====

NO BO AT 17075 / / 3100. / 552. / 68832. / 1.00 / 0. / 58.

3098.45 / 0.49 / ...1... (0.017) / 5.61 / 0.32 / *BO*

=====

NO ROAD OVERFLOW

RG

=====

0-APP AT 17150 / 75 / 3100. / 935. / 98839. / 2.20 / 922. / 1229.

3098.54 / 0.58 / 0.09 / 0.01 / 3098.91 / 3.32 / 0.33 / 0.001 *AS*

=====

H = 0.17 / F = 0.42 / R* = 0.25 / 981. / 103185. / 2.25 / 910. / 1230.

3098.68 / 0.35 / / 3099.03 / 2.16 / 0.31 / *AS*

=====

===== END BRIDGE ANALYSIS =====

END OF THIS PROFILE

10-40

PAGE 1 OF PROFILE NOTES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
 INITIAL VALUES ARE: Q = 5540. H = 3081.89

SECID, ERROR OR WARNING MESSAGE, INTERMEDIATE RESULTS (IF ANY), ACTION TAKEN

P-APP, KU/KD < 0.7 OR > 1.4

,USED COMPUTED WSU

D ,KU/KD < 0.7 OR > 1.4

,USED COMPUTED WSU

E ,KU/KD < 0.7 OR > 1.4

,USED COMPUTED WSU

G ,KU/KD < 0.7 OR > 1.4

,USED COMPUTED WSU

H ,KU/KD < 0.7 OR > 1.4

,USED COMPUTED WSU

K ,KU/KD < 0.7 OR > 1.4

,USED COMPUTED WSU

L ,KU/KD < 0.7 OR > 1.4

,USED COMPUTED WSU

M ,KU/KD < 0.7 OR > 1.4

,USED COMPUTED WSU

WATER-SURFACE PROFILE FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
 PAGE 1 OF 2

 SECID AT DISTANCE/ LENGTH/DISCHARGE/ AREA /CONVEYANCE/ ALPHA/ LEW / REW
 WS ELEV / HV / HF / HE / EG / V / FN / ACC *ID*
 A-TW AT 3050 / 0 / 5540. / 936. / 126898. / 1.25 / 107. / 304.
 3081.89 / 0.68 / / 3082.57 / 5.92 / 0.40 / *IS*

 BEGIN BRIDGE ANALYSIS
 60 1 AT 3050 / / 5540. / 868. / 134190. / 1.13 / 18. / 135.
 3081.89 / 0.63 / ...1... (0.071) / 6.36 / 0.41 / *R0*

NO ROAD-GRADE DATA

R6

 6-APP AT 3247 / 197 / 5540. / 1734. / 181937. / 1.80 / 143. / 650.
 3082.55 / 0.29 / 0.26 / 0.0 / 3082.83 / 3.19 / 0.28 / -0.001 *AS*

 M = 0.26 / F = 0.0 / K* = 1.04 / 2086. / 224855. / 1.72 / 141. / 651.
 3083.30 / 0.19 / / 3083.49 / 2.66 / 0.23 / *AS*

 END BRIDGE ANALYSIS
 C AT 3525 / 275 / 5540. / 2354. / 231562. / 1.01 / 25. / 576.
 3083.55 / 0.09 / 0.16 / 0.0 / 3083.84 / 2.35 / 0.22 / -0.015 *AS*

 D AT 3970 / 445 / 5540. / 1590. / 132867. / 1.09 / 56. / 436.
 3083.99 / 0.21 / 0.44 / 0.06 / 3084.14 / 3.48 / 0.23 / -0.000 *XS*

 E AT 5530 / 1550 / 5540. / 2650. / 194433. / 1.42 / 96. / 1150.
 3085.90 / 0.10 / 1.85 / 0.0 / 3086.00 / 2.09 / 0.19 / 0.001 *XS*

 F AT 6920 / 1390 / 5330. / 1560. / 168024. / 1.3 / 35. / 275.
 3087.09 / 0.23 / 1.25 / 0.07 / 3087.32 / 3.42 / 0.24 / 0.000 *AS*

 G AT 8200 / 1340 / 5330. / 825. / 86634. / 1.20 / 49. / 161.
 3089.43 / 0.78 / 2.62 / 0.27 / 3091.21 / 6.45 / 0.41 / 0.000 *XS*

 H AT 9195 / 935 / 5180. / 1312. / 139554. / 1.34 / 50. / 336.
 3092.02 / 0.32 / 2.13 / 0.0 / 3092.35 / 3.95 / 0.25 / 0.000 *XS*

 I AT 11070 / 1875 / 5180. / 1153. / 133378. / 1.31 / 52. / 260.
 3094.68 / 0.41 / 2.70 / 0.04 / 3095.09 / 4.49 / 0.29 / 0.000 *XS*

 J AT 12385 / 1315 / 5180. / 1407. / 170713. / 1.37 / 6. / 228.
 3096.35 / 0.29 / 1.55 / 0.0 / 3096.64 / 3.68 / 0.25 / 0.000 *XS*

 K AT 13895 / 1510 / 5180. / 5003. / 540194. / 1.07 / 32. / 1064.
 3097.06 / 0.02 / 0.44 / 0.0 / 3097.08 / 1.04 / 0.06 / 0.000 *XS*

 L AT 15435 / 1540 / 5070. / 2007. / 156133. / 2.33 / 35. / 857.
 3097.44 / 0.23 / 0.48 / 0.11 / 3097.67 / 2.53 / 0.29 / -0.000 *XS*

=====

WATER-SURFACE PROFILE FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES

PAGE 2 OF 2

=====

SECID AT DISTANCE/ LENGTH/DISCHARGE/ AREA /CONVEYANCE/ ALPHA/ LEW / REW

WS ELEV / HV / HF / HE / EG / V / FN / ACC *ID*

=====

M AT 16545 / 1110 / 5070. / 1086. / 108995. / 1.09 / 395. / 941.

3099.04 / 0.37 / 1.68 / 0.07 / 3099.41 / 4.67 / 0.33 / -0.000 *XS*

=====

N-TW AT 17075 / 530 / 5070. / 1206. / 121339. / 1.56 / 865. / 1155.

3100.04 / 0.43 / 1.03 / 0.03 / 3100.47 / 4.20 / 0.34 / -0.001 *XS*

=====

===== BEGIN BRIDGE ANALYSIS =====

NO BO AT 17075 / / 5070. / 645. / 86612. / 1.00 / 0. / 58.

3100.04 / 0.96 / ...1... (0.017) / 7.87 / 0.42 / *BO*

=====

NO ROAD OVERFLOW

RG

O-APP AT 17150 / 75 / 5070. / 1551. / 162073. / 2.41 / 798. / 1240.

3100.17 / 0.40 / 0.10 / 0.0 / 3100.57 / 3.27 / 0.34 / 0.002 *AS*

=====

R = 0.38 / E = 0.19 / K* = 0.68 / 1918. / 202011. / 2.41 / 162. / 1245.

3100.96 / 0.26 / / 3101.23 / 2.64 / 0.27 / *AS*

=====

===== END BRIDGE ANALYSIS =====

END OF THIS PROFILE

50-Yr.

USGS STEP-BACKWATER PROGRAM - VERSION 76.170 *** PAGE COUNT= 28,DATE= 1/ 6/77

PAGE - 1 OF PROFILE NOTES FOR: SOUTH FORK NEW RIVER -- FLOOD & FLOODWAY ANALYSES
INITIAL VALUES ARE: Q = 10100. H = 3084.74

SECID,ERROR OR WARNING MESSAGE,INTERMEDIATE RESULTS(IF ANY),ACTION TAKEN

B-APP,KU/KD < 0.7 OR > 1.4

•USED COMPUTED WSU

D KU/KD < 0.7 OR > 1.4

•USED COMPUTED WSU

E KU/KD < 0.7 OR > 1.4

•USED COMPUTED WSU

F KU/KD < 0.7 OR > 1.4

•USED COMPUTED WSU

G KU/KD < 0.7 OR > 1.4

•USED COMPUTED WSU

H KU/KD < 0.7 OR > 1.4

•USED COMPUTED WSU

K KU/KD < 0.7 OR > 1.4

•USED COMPUTED WSU

L KU/KD < 0.7 OR > 1.4

•USED COMPUTED WSU

M KU/KD < 0.7 OR > 1.4

•USED COMPUTED WSU

N-APP,WSU > HELMX (1)

•CHECKED QRO (2)

O-APP,YOZZ < 1.1 (1)

•ASSUMED QRO (1)

=====

WATER-SURFACE PROFILE FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES

PAGE 1 OF 2

=====

SECID AT DISTANCE/ LENGTH/DISCHARGE/ AREA /CONVEYANCE/ ALPHA/ LEW / REW

WS ELEV / HV / HF / HE / EG / V / FN / ACC *ID*

=====

A-TW AT 3050 / 0 / 10100. / 1500. / 231968. / 1.36 / 96. / 368.

3084.74 / 0.84 / / 3085.58 / 6.31 / 0.42/ *IS*

===== BEGIN BRIDGE ANALYSIS =====

NO 1 AT 3050 / / 10100. / 1229. / 216251. / 1.16 / 14. / 150.

3084.74 / 1.05 / ...1... (0.069) / 8.22 / 0.48 / *H0*

=====

NO ROAD-GRADE DATA

R6

=====

B-APP AT 3247 / 19 / 10100. / 3245. / 391107. / 1.49 / 136. / 655.

3085.58 / 0.22 / 0.22 / 0.0 / 3085.81 / 3.11 / 0.24 / -0.001 *AS*

=====

M = 0.42 / E = 0.0 / K* = 1.41 / 4066. / 523640. / 1.43 / 47. / 657.

3087.15 / 0.14 / / 3087.29 / 2.48 / 0.18 / *AS*

===== END BRIDGE ANALYSIS =====

C AT 3525 / 278 / 10100. / 4452. / 652680. / 1.02 / 11. / 582.

3087.29 / 0.08 / 0.08 / 0.0 / 3087.37 / 2.27 / 0.16 / -0.000 *XS*

=====

D AT 3770 / 445 / 10100. / 2996. / 331010. / 1.04 / 28. / 473.

3087.45 / 0.13 / 0.21 / 0.05 / 3087.63 / 3.37 / 0.27 / -0.000 *XS*

=====

E AT 5530 / 1500 / 10100. / 5269. / 518706. / 1.12 / 89. / 1156.

3088.49 / 0.06 / 0.93 / 0.0 / 3088.56 / 1.92 / 0.13 / 0.000 *XS*

=====

F AT 6920 / 1300 / 9720. / 2137. / 256332. / 1.26 / 24. / 293.

3089.35 / 0.91 / 1.03 / 0.17 / 3089.76 / 4.55 / 0.30 / 0.000 *XS*

=====

G AT 8250 / 1340 / 9720. / 1227. / 139542. / 1.26 / 19. / 166.

3092.48 / 1.23 / 3.54 / 0.91 / 3093.71 / 7.92 / 0.48 / 0.000 *XS*

=====

H AT 9175 / 935 / 9460. / 2371. / 300564. / 1.12 / 19. / 345.

3095.78 / 0.28 / 2.05 / 0.9 / 3095.76 / 3.99 / 0.24 / -0.001 *XS*

=====

I AT 11970 / 1375 / 9460. / 1842. / 242169. / 1.25 / 27. / 274.

3097.60 / 0.51 / 2.30 / 0.12 / 3098.17 / 5.13 / 0.30 / 0.000 *XS*

=====

J AT 12335 / 1315 / 9460. / 2123. / 295096. / 1.41 / 3. / 255.

3099.38 / 0.43 / 1.59 / 0.0 / 3099.81 / 4.46 / 0.27 / 0.000 *XS*

=====

K AT 13895 / 1510 / 9460. / 8237. / 1204860. / 1.03 / 24. / 1071.

3100.17 / 0.02 / 0.38 / 0.0 / 3100.19 / 1.15 / 0.07 / -0.000 *XS*

=====

L AT 15435 / 1540 / 9240. / 4495. / 669356. / 1.42 / 14. / 883.

3100.37 / 0.09 / 0.23 / 0.04 / 3100.46 / 2.06 / 0.18 / -0.000 *XS*

=====

500-Yr.

=====

WATER-SURFACE PROFILE FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES

PAGE 2 OF 2

=====

SECID AT DISTANCE/ LENGTH/DISCHARGE/ AREA /CONVEYANCE/ ALPHA/ LEW / REW

WS ELEV / HV / HF / HE / EG / V / FN / ACC *ID*

=====

H AT 16545 / 1110 / 9280. / 2691. / 214578. / 2.00 / 52. / 1102.

3101.14 / 0.37 / 0.91 / 0.14 / 3101.51 / 3.45 / 0.32 / 0.000 *XS*

=====

N-FW AT 17075 / 530 / 9280. / 2126. / 227200. / 1.53 / 312. / 1158.

3102.04 / 0.45 / 0.94 / 0.04 / 3102.49 / 4.37 / 0.34 / 0.002 *XS*

=====

===== BEGIN BRIDGE ANALYSIS =====

NO 80 AT 17075 / / 7158. / 760. / 110313. / 1.00 / 0. / 58.

3102.04 / 1.38 / ...1... (0.017) / 9.42 / 0.46 / *80*

=====

ROAD OVERFLOW (CFS) / LEFT 2247. / RIGHT 0. /

=====

U-APP AT 17150 / 75 / 9280. / 2686. / 267109. / 2.82 / 86. / 1251.

3102.11 / 0.52 / 0.11 / 0.03 / 3102.63 / 3.45 / 0.30 / -0.000 *AS*

=====

B = 0.41 / C = 0.24 / R* = 0.76 / *105. / 400771. / 2.80 / 60. / 1258.

3103.46 / 0.22 / / 3103.68 / 2.26 / 0.17 / *AS*

=====

END OF THIS PROFILE

500-41

USGS STEP-BACKWATER PROGRAM - VERSION 76.170 *** PAGE COUNT= 31, DATE= 1/ 6/77

PAGE 1 OF PROFILE NOTES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
INITIAL VALUES ARE: Q = 6700. H = 3082.78

SECID, ERROR OR WARNING MESSAGE, INTERMEDIATE RESULTS, (IF ANY), ACTION TAKEN

B-APP, KU/KD < 0.7 OR > 1.4

•USED COMPUTED WSU

D KU/KD < 0.7 OR > 1.4

•USED COMPUTED WSU

E KU/KD < 0.7 OR > 1.4

•USED COMPUTED WSU

G KU/KD < 0.7 OR > 1.4

•USED COMPUTED WSU

H KU/KD < 0.7 OR > 1.4

•USED COMPUTED WSU

K KU/KD < 0.7 OR > 1.4

•USED COMPUTED WSU

L KU/KD < 0.7 OR > 1.4

•USED COMPUTED WSU

P KU/KD < 0.7 OR > 1.4

•USED COMPUTED WSU

=====
 WATER-SURFACE PROFILE FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
 PAGE 1 OF 2
 =====

SECID	AT	DISTANCE /	LENGTH /	DISCHARGE /	AREA /	CONVEYANCE /	ALPHA /	LEW /	REW
WS ELEV /	HV /	HF /	HE /	EG /	V /	FN /	ACC	ID*	
A-TW	AT	3050 /	0 /	6700. /	1117. /	153854. /	1.31 /	103. /	324.
3082.78 /	0.73 /			3083.51 /	6.00 /	0.40 /			*1S*
===== BEGIN BRIDGE ANALYSIS =====									
B0	1 AT	3050 /	/	6700. /	975. /	157531. /	1.14 /	16. /	146.
3082.78 /	0.73 /	...	1... (0.071)	/	6.87 /	0.43 /			*B0*

 =====
 NO ROAD-GRADE DATA
 =====

=====									
RG									
B-APP	AT	3247 /	197 /	6700. /	2182. /	237324. /	1.70 /	141. /	651.
3083.50 /	0.25 /	0.24 /	0.0 /	3083.75 /	3.07 /	0.26 /	-0.000		*AS*
=====									
M	=	0.32 /	E = 0.0 /	K* = 1.20 /	2672. /	301819. /	1.62 /	139. /	653.
3084.47 /	0.16 /			3084.63 /	2.51 /	0.21 /			*AS*
===== END BRIDGE ANALYSIS =====									
C	AT	3525 /	278 /	6700. /	2976. /	337690. /	1.00 /	21. /	578.
3084.67 /	0.08 /	0.12 /	0.0 /	3084.75 /	2.25 /	0.19 /	-0.000		*XS*
=====									
D	AT	3970 /	445 /	6700. /	1940. /	180527. /	1.06 /	40. /	439.
3084.95 /	0.19 /	0.33 /	0.05 /	3085.13 /	3.30 /	0.21 /	-0.000		*XS*
=====									
E	AT	5530 /	1500 /	6700. /	3209. /	257464. /	1.31 /	95. /	1151.
3085.55 /	0.09 /	1.50 /	0.0 /	3085.64 /	2.05 /	0.17 /	0.002		*XS*
=====									
F	AT	6920 /	1540 /	6450. /	1705. /	169280. /	1.28 /	32. /	200.
3087.09 /	0.25 /	1.23 /	0.10 /	3087.97 /	3.78 /	0.25 /	0.000		*XS*
=====									
G	AT	8260 /	1440 /	6450. /	930. /	99944. /	1.23 /	38. /	163.
3090.32 /	0.32 /	2.55 /	0.32 /	3091.24 /	6.94 /	0.44 /	0.000		*XS*
=====									
H	AT	9195 /	935 /	6270. /	1612. /	179535. /	1.26 /	41. /	339.
3093.05 /	0.30 /	2.11 /	0.0 /	3093.35 /	3.49 /	0.25 /	0.000		*XS*
=====									
I	AT	11070 /	1575 /	6270. /	1342. /	160614. /	1.30 /	45. /	269.
3095.53 /	0.44 /	2.56 /	0.07 /	3095.98 /	4.67 /	0.29 /	0.0		*XS*
=====									
J	AT	12385 /	1315 /	6270. /	1606. /	203332. /	1.38 /	5. /	236.
3097.23 /	0.33 /	1.58 /	0.0 /	3097.56 /	3.90 /	0.25 /	0.000		*XS*
=====									
K	AT	13895 /	1510 /	6270. /	5925. /	707573. /	1.05 /	29. /	1066.
3097.95 /	0.02 /	0.41 /	0.0 /	3097.97 /	1.05 /	0.08 /	0.000		*XS*
=====									
L	AT	15435 /	1540 /	6140. /	2684. /	228671. /	1.92 /	30. /	859.
3098.25 /	0.16 /	0.37 /	0.07 /	3098.41 /	2.29 /	0.24 /	0.000		*XS*

100-45

=====

WATER-SURFACE PROFILE FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES

PAGE 2 OF 2

=====

SECID AT DISTANCE/ LENGTH/DISCHARGE/ AREA /CONVEYANCE/ ALPHA/ LEW / REW

WS ELEV / HV / HF / HE / EG / V / FN / ACC *ID*

=====

M AT 16545 / 1110 / 6140. / 1392. / 126874. / 1.41 / 330. / 1015.

3099.56 / 0.43 / 1.44 / 0.14 / 3099.99 / 4.41 / 0.35 / 0.000 *XS*

=====

N-TW AT 17075 / 530 / 6140. / 1375. / 154193. / 1.26 / 794. / 1156.

3100.62 / 0.39 / 1.02 / 0.0 / 3101.01 / 4.47 / 0.33 / 0.002 *XS*

=====

===== BEGIN BRIDGE ANALYSIS =====

NO RO AT 17075 / / 6140. / 678. / 93295. / 1.00 / 0. / 58.

3100.62 / 1.28 / ...1... (0.017) / 9.06 / 0.47 / *RO*

=====

NO ROAD OVERFLOW

RG

U-APP AT 17150 / / 6140. / 1791. / 196611. / 2.17 / 199. / 1243.

3100.70 / 0.40 / 0.09 / 0.00 / 3101.10 / 3.43 / 0.34 / -0.005 *AS*

=====

X = 0.41 / r = 0.18 / K* = 0.77 / 2468. / 245542. / 2.83 / 92. / 1250.

3101.62 / 0.27 / / 3102.09 / 2.49 / 0.28 / *AS*

=====

===== END BRIDGE ANALYSIS =====

END OF THIS PROFILE

100-Yr

FLOODWAY COMPUTATIONS

34, DATE= 1/ 6/77

8

0

*** INPUT CARD PRINTOUT ***

.....1.....2.....3.....4.....5.....6.....7.....8
5.....0.....5.....0.....5.....0.....5.....0.....5.....0.....5.....0.....5.....0

9 20002	203	VHD	100	128	200
9 20003	239	VHD	100	572	9999
9 20004	259	VHD	100	486	9999
9 20005	279	VHD	100	338	9999
9 20006	299	VHD	100	650	717
9 20007	1200	VHD	100	98	158
9 20008	1300	VHD	100	96	9999
9 20009	1390	VHD	100	260	9999
9 20010	1500	VHD	100	170	9999
9 20011	1600	VHD	100	-999	74
9 20012	1700	VHD	100	-999	154
9 20013	1790	VHD	100	557	633
9 20014	1900	VHD	100	755	908
9 20015	11600	VHD	100	1080	9999
9 20016	11400	VHD	100	1130	9999
9 20017	END				

A
B
C
D
E
F
G
H
I
J
K
L
M
N
O

100 YR DISCHARGE

CROSS-SECTION PROPERTIES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
 SECID=A-1W AT DISTANCE= 3050 PART 1 OF 1
 *** FLOODWAY ANALYSIS *** 100 YR DISCHARGE

WS	A	K	ALPHA	B	P	LEW	REW	QC
3075.0	239	22836	1.00	56	58	141	197	2810
3075.5	267	26896	1.00	57	60	140	198	3272
3076.0	296	31234	1.00	59	62	140	199	3761
3076.5	326	35886	1.00	61	64	139	199	4281
3077.0	357	41021	1.00	66	70	138	204	4708
3077.5	393	46790	1.02	75	79	137	212	5052
3078.0	431	53030	1.03	76	80	136	212	5723
3078.5	469	59706	1.04	77	82	135	212	6441
3079.0	508	65829	1.04	78	84	134	212	7206
3079.5	547	74308	1.04	79	85	133	212	8004
3080.0	587	82135	1.04	80	87	132	212	8834
3080.5	627	90318	1.04	81	88	131	212	9698
3081.0	667	98849	1.04	82	90	130	212	10594
3081.5	708	107721	1.04	83	91	129	212	11521
3082.0	750	116931	1.04	83	93	128	212	12479
3082.5	792	126800	1.04	84	94	128	212	13508
3083.0	834	137166	1.04	84	95	128	212	14592
3083.5	876	147796	1.04	84	96	128	212	15702
3084.0	917	158679	1.05	84	97	128	212	16839
3084.5	959	169806	1.05	84	98	128	212	18001
3085.0	1001	181164	1.05	84	99	128	212	19187
3085.5	1043	192760	1.05	84	100	128	212	20394
3086.0	1085	204571	1.05	84	101	128	212	21632
3086.5	1127	216594	1.05	84	102	128	212	22889
3087.0	1169	228824	1.05	84	103	128	212	24169
3087.5	1211	241255	1.05	84	104	128	212	25471
3088.0	1253	253875	1.05	84	105	128	212	26794
3088.5	1295	265692	1.05	84	105	128	212	28139
3089.0	1337	277688	1.05	84	107	128	212	29594
3089.5	1379	292862	1.05	84	108	128	212	30890
3090.0	1420	305206	1.05	84	109	128	212	32296
3090.4	1454	317005	1.06	84	110	128	212	33435

CROSS-SECTION PROPERTIES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
 SECID=B-APP AT DISTANCE= 3247 PART 1 OF 2
 *** FLOODWAY ANALYSIS *** 100 YR DISCHARGE

WS	A	K	ALPHA	B	P	LEW	REW	QC
3074.0	191	15283	1.00	56	58	578	633	2006
3074.5	219	19183	1.00	58	60	577	635	2425
3075.0	249	23346	1.00	60	62	577	636	2878
3075.5	279	27607	1.00	62	64	576	638	3365
3076.0	310	32205	1.00	64	67	576	639	3885
3076.5	342	37282	1.00	65	69	575	640	4453

CROSS-SECTION PROPERTIES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
 SECID=B-APP AT DISTANCE= 3247 PART 2 OF 2
 *** FLOODWAY ANALYSIS *** 100 YR DISCHARGE

WS	A	K	ALPHA	B	P	LEW	REW	QC
3077.0	375	42774	1.00	66	70	575	641	5062
3077.5	409	48588	1.00	68	72	574	642	5702
3078.0	443	54721	1.00	69	73	574	643	6372
3078.5	478	61171	1.00	70	75	573	644	7073
3079.0	522	68043	1.03	109	114	527	644	6381
3079.5	580	75817	1.10	146	152	495	643	6339
3080.0	670	84884	1.20	264	270	381	646	5527
3080.5	807	96714	1.38	273	280	374	647	6690
3081.0	943	110652	1.48	274	281	374	647	8171
3081.5	1081	126254	1.52	275	283	374	648	9860
3082.0	1218	143255	1.53	276	284	374	649	11734
3082.5	1356	162116	1.51	276	286	374	650	13846
3083.0	1494	182415	1.49	277	287	374	651	16146
3083.5	1633	204083	1.45	279	288	374	651	18624
3084.0	1772	227068	1.42	279	290	374	652	21269
3084.5	1912	251320	1.39	279	291	374	653	24071
3085.0	2052	276800	1.36	280	293	374	654	27021
3085.5	2192	303472	1.33	281	294	374	654	30111
3086.0	2333	331306	1.30	282	296	374	655	33333
3086.5	2474	360271	1.28	283	297	374	656	36681
3087.0	2615	390344	1.26	283	298	374	657	40149
3087.5	2757	421501	1.24	284	300	374	658	43731
3088.0	2899	453720	1.22	285	301	374	658	47424
3088.5	3042	486962	1.21	285	303	374	659	51223
3089.0	3185	521269	1.19	286	304	374	660	55125
3089.5	3328	556563	1.18	287	306	374	661	59126
3089.7	3336	570961	1.18	288	306	374	661	60754

CROSS-SECTION PROPERTIES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
 SECID=C AT DISTANCE= 3525 PART 1 OF 2
 *** FLOODWAY ANALYSIS *** 100 YR DISCHARGE

WS	A	K	ALPHA	B	P	LEW	REW	QC
3074.0	136	6980	1.00	54	55	508	562	1194
3074.5	162	8158	1.00	56	58	506	563	1553
3075.0	190	10213	1.00	58	60	505	564	1950
3075.5	220	12685	1.00	60	62	504	564	2382
3076.0	251	15396	1.00	62	64	503	565	2850
3076.5	282	18346	1.00	64	67	501	566	3353
3077.0	315	21536	1.00	65	69	500	567	3891
3077.5	349	24967	1.00	68	71	499	567	4465
3078.0	383	28639	1.00	70	73	498	568	5073
3078.5	419	32159	1.00	74	77	495	569	5661
3079.0	457	35420	1.00	80	83	490	570	6218

CROSS-SECTION PROPERTIES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
 SECID=C AT DISTANCE= 3525 PART 2 OF 2
 *** FLOODWAY ANALYSIS *** 100 YR DISCHARGE

WS	A	K	ALPHA	B	P	LEW	REW	QC
3079.5	502	39390	1.01	116	120	454	570	5896
3080.0	570	45389	1.07	156	159	416	571	5993
3080.5	691	52534	1.25	377	381	195	572	4755
3081.0	879	65021	1.32	377	382	195	573	6634
3081.5	1068	81834	1.24	378	384	195	573	9160
3082.0	1257	103574	1.12	379	385	195	574	12265
3082.5	1447	127898	1.06	380	386	195	575	15564
3083.0	1637	154373	1.03	380	388	195	576	18999
3083.5	1827	183471	1.01	381	389	195	576	22579
3084.0	2018	215055	1.00	382	391	195	577	26284
3084.5	2209	249012	1.00	383	392	195	578	30107
3085.0	2401	285247	1.00	383	393	195	579	34048
3085.5	2592	323678	1.00	384	395	195	579	38105
3086.0	2785	364231	1.01	385	396	195	580	42281
3086.5	2977	406843	1.01	386	398	195	581	46575
3087.0	3170	451454	1.02	386	399	195	582	50987
3087.5	3364	498014	1.03	387	400	195	582	55515
3088.0	3557	546474	1.03	388	402	195	583	60159
3088.5	3751	596788	1.04	389	403	195	584	64919
3089.0	3946	648919	1.04	389	405	195	585	69791
3089.5	4141	701554	1.05	391	407	195	587	74599
3090.0	4337	755148	1.06	394	410	195	589	79387
3090.5	4535	810543	1.07	397	413	195	592	84273
3091.0	4734	867711	1.07	399	417	195	594	89257
3091.1	4774	879341	1.07	400	417	195	595	90264

CROSS-SECTION PROPERTIES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
 SECID=D AT DISTANCE= 3970 PART 1 OF 2
 *** FLOODWAY ANALYSIS *** 100 YR DISCHARGE

WS	A	K	ALPHA	B	P	LEW	REW	QC
3075.0	175	9610	1.00	58	61	353	411	1711
3075.5	204	11369	1.00	60	63	352	413	2132
3076.0	235	13157	1.00	62	65	352	414	2589
3076.5	267	15327	1.00	64	67	351	415	3082
3077.0	299	18179	1.00	66	69	351	417	3611
3077.5	333	21252	1.00	68	72	350	418	4174
3078.0	367	24460	1.00	70	74	349	420	4758
3078.5	403	27844	1.00	73	77	348	421	5369
3079.0	440	31473	1.00	76	80	347	422	6017
3079.5	479	35352	1.00	79	83	345	424	6706
3080.0	520	39492	1.00	109	114	160	425	6429
3080.5	581	44293	1.05	129	134	154	427	6834
3081.0	650	49868	1.07	144	150	154	428	7555

CROSS-SECTION PROPERTIES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
 SECID=D AT DISTANCE= 3970 PART 2 OF 2
 *** FLOODWAY ANALYSIS *** 100 YR DISCHARGE

WS	A	K	ALPHA	B	P	LEW	REW	QC
3081.5	725	56275	1.09	159	165	154	429	8435
3082.0	812	63717	1.10	198	206	154	431	8898
3082.5	919	72893	1.11	223	231	154	432	10022
3083.0	1035	83835	1.12	241	250	154	434	11491
3083.5	1160	95882	1.12	260	269	154	435	13125
3084.0	1295	109340	1.12	279	289	154	436	14955
3084.5	1436	125572	1.10	284	294	154	438	17482
3085.0	1579	143538	1.08	285	296	154	439	20279
3085.5	1721	162868	1.06	287	298	154	441	23201
3086.0	1865	182956	1.05	289	301	154	443	26206
3086.5	2010	204186	1.05	291	304	154	446	29294
3087.0	2157	226662	1.04	294	307	154	448	32464
3087.5	2305	246852	1.04	301	315	154	473	35432
3088.0	2458	267926	1.05	309	324	154	474	38360
3088.5	2615	290616	1.06	318	333	154	475	41316
3089.0	2775	317795	1.07	322	338	154	476	44730
3089.5	2936	348148	1.07	323	339	154	477	48509
3090.0	3098	379624	1.08	324	341	154	478	52389
3090.5	3260	412202	1.08	325	343	154	479	56368
3091.0	3423	445984	1.08	326	344	154	480	60470

CROSS-SECTION PROPERTIES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
 SECID=E AT DISTANCE= 5530 PART 1 OF 2
 *** FLOODWAY ANALYSIS *** 100 YR DISCHARGE

WS	A	K	ALPHA	B	P	LEW	REW	QC
3078.0	155	7900	1.00	58	60	656	716	1435
3078.5	185	10364	1.00	60	62	657	716	1841
3079.0	215	13091	1.00	61	64	656	717	2284
3079.5	249	14469	1.01	60	63	634	731	2476
3080.0	296	15884	1.02	108	111	632	754	2746
3080.5	357	18588	1.03	136	140	631	777	3226
3081.0	432	22435	1.04	164	168	629	799	3899
3081.5	521	29194	1.06	192	196	627	821	4743
3082.0	624	37540	1.09	218	222	625	843	5732
3082.5	739	47325	1.12	242	246	623	865	6918
3083.0	866	58270	1.16	271	275	616	887	8149
3083.5	1012	70720	1.21	312	316	609	920	9413
3084.0	1168	85915	1.20	313	318	607	920	11580
3084.5	1325	102772	1.18	315	320	606	920	14171
3085.0	1483	121534	1.16	316	322	604	920	16899
3085.5	1661	142326	1.16	389	396	347	920	18068
3086.0	1867	165853	1.17	436	444	347	920	20232
3086.5	2097	192303	1.19	461	490	347	920	22769

CROSS-SECTION PROPERTIES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
SECID=E AT DISTANCE= 5530 PART 2 OF 2
*** FLOODWAY ANALYSIS *** 100 YR DISCHARGE

WS	A	K	ALPHA	B	P	LEW	REW	QC
3087.0	2347	221177	1.20	519	530	347	920	25793
3087.5	2616	253621	1.21	553	565	347	920	29332
3088.0	2896	291026	1.19	565	579	347	920	34051
3088.5	3179	331995	1.17	568	582	347	920	39466
3089.0	3464	375070	1.15	573	589	347	920	44962
3089.5	3751	422033	1.13	573	590	347	920	51098
3090.0	4037	471811	1.12	573	591	347	920	57510
3090.5	4324	524292	1.10	573	592	347	920	64172
3091.0	4611	579378	1.09	573	593	347	920	71062
3091.5	4898	636985	1.08	573	594	347	920	78166
3092.0	5184	697035	1.07	573	595	347	920	85472
3092.5	5471	759460	1.06	573	596	347	920	92968
3092.7	5586	785074	1.06	573	597	347	920	96018

CROSS-SECTION PROPERTIES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
SECID=F AT DISTANCE= 6920 PART 1 OF 2
*** FLOODWAY ANALYSIS *** 100 YR DISCHARGE

WS	A	K	ALPHA	B	P	LEW	REW	QC
3076.0	20	349	1.00	47	47	106	154	76
3076.5	46	1218	1.00	55	55	103	157	239
3077.0	74	2614	1.00	57	57	102	159	479
3077.5	103	4437	1.00	58	59	101	160	776
3078.0	133	6655	1.00	63	64	101	164	1090
3078.5	166	9308	1.04	73	74	101	173	1403
3079.0	205	12405	1.09	82	84	100	182	1763
3079.5	249	15979	1.13	92	94	100	192	2178
3080.0	297	20059	1.18	102	104	99	201	2651
3080.5	350	24672	1.22	111	114	99	210	3168
3081.0	406	29994	1.24	115	116	99	214	3904
3081.5	465	36033	1.22	116	120	98	214	4782
3082.0	527	42952	1.21	132	137	82	214	5428
3082.5	593	50813	1.20	132	138	82	214	6511
3083.0	659	59513	1.18	132	139	82	214	7697
3083.5	725	68697	1.16	132	140	82	214	8938
3084.0	791	78143	1.16	132	141	82	214	10212
3084.5	857	88125	1.15	132	142	82	214	11550
3085.0	923	98616	1.14	132	143	82	214	12947
3085.5	989	109599	1.14	132	144	82	214	14399
3086.0	1055	121015	1.13	132	145	82	214	15899
3086.5	1122	132821	1.13	132	146	82	214	17439
3087.0	1188	145041	1.13	132	147	82	214	19024
3087.5	1254	157662	1.13	132	148	82	214	20651
3088.0	1320	170671	1.12	132	149	82	214	22320

CROSS-SECTION PROPERTIES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
 SECID=F AT DISTANCE= 6920 PART 2 OF 2
 *** FLOODWAY ANALYSIS *** 100 YR DISCHARGE

WS	A	K	ALPHA	B	P	LEW	REW	QC
3088.5	1386	184058	1.12	132	150	82	214	24029
3089.0	1452	197812	1.12	132	151	82	214	25776
3089.5	1518	211924	1.12	132	152	82	214	27560
3090.0	1584	226383	1.12	132	153	82	214	29380
3090.5	1650	241183	1.12	132	154	82	214	31235
3091.0	1716	256315	1.12	132	155	82	214	33124
3091.5	1782	271772	1.12	132	156	82	214	35047
3092.0	1848	287547	1.12	132	157	82	214	37001
3092.5	1914	303633	1.12	132	158	82	214	38987
3093.0	1980	320024	1.12	132	159	82	214	41003
3093.5	2046	336714	1.13	132	160	82	214	43050
3094.0	2112	353698	1.13	132	161	82	214	45125
3094.5	2178	370970	1.13	132	162	82	214	47229
3095.0	2244	388526	1.13	132	163	82	214	49361

CROSS-SECTION PROPERTIES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
 SECID=G AT DISTANCE= 8260 PART 1 OF 2
 *** FLOODWAY ANALYSIS *** 100 YR DISCHARGE

WS	A	K	ALPHA	B	P	LEW	REW	QC
3080.0	110	5212	1.00	46	47	100	147	959
3080.5	133	7015	1.00	48	49	99	147	1262
3081.0	150	9045	1.00	50	51	99	148	1596
3081.5	163	11297	1.00	51	53	98	149	1961
3082.0	209	13768	1.00	53	55	97	150	2356
3082.5	236	16458	1.00	54	57	96	150	2781
3083.0	264	18608	1.00	60	63	91	151	3125
3083.5	295	21923	1.00	62	65	90	152	3660
3084.0	328	25526	1.00	62	66	90	153	4225
3084.5	358	29337	1.00	63	68	90	154	4821
3085.0	389	33349	1.00	64	69	90	154	5445
3085.5	422	37559	1.00	65	71	90	155	6097
3086.0	454	41960	1.00	66	72	90	156	6777
3086.5	487	46550	1.00	66	74	90	157	7484
3087.0	521	51325	1.00	67	75	90	158	8219
3087.5	554	56283	1.00	68	76	90	158	8979
3088.0	589	61420	1.00	69	78	90	159	9766
3088.5	623	66736	1.00	70	79	90	160	10579
3089.0	658	72227	1.00	70	81	90	161	11417
3089.5	693	77892	1.00	71	82	90	161	12282
3090.0	729	83730	1.00	72	84	90	162	13171
3090.5	765	89740	1.00	73	85	90	163	14086
3091.0	802	95920	1.00	73	86	90	164	15025
3091.5	839	102269	1.00	74	88	90	165	15990

CROSS-SECTION PROPERTIES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
 SECID=G AT DISTANCE= 8260 PART 2 OF 2
 *** FLOODWAY ANALYSIS *** 100 YR DISCHARGE

WS	A	K	ALPHA	B	P	LEW	REW	QC
3092.0	876	108788	1.00	75	89	90	165	16979
3092.5	914	115474	1.00	76	91	90	166	17994
3093.0	952	122329	1.00	77	92	90	167	19033
3093.5	991	129350	1.00	77	94	90	168	20095
3094.0	1029	136539	1.00	78	95	90	169	21184
3094.5	1069	143893	1.00	79	96	90	169	22297
3095.0	1108	151415	1.00	80	98	90	170	23434
3095.5	1148	159102	1.00	81	99	90	171	24596
3096.0	1189	166956	1.00	81	101	90	172	25782
3096.2	1205	170151	1.00	82	101	90	172	26264

CROSS-SECTION PROPERTIES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
 SECID=H AT DISTANCE= 9195 PART 1 OF 2
 *** FLOODWAY ANALYSIS *** 100 YR DISCHARGE

WS	A	K	ALPHA	B	P	LEW	REW	QC
3082.0	138	7566	1.00	54	55	263	317	1252
3082.5	165	10001	1.00	55	57	263	318	1618
3083.0	193	12713	1.00	56	58	262	319	2019
3083.5	221	15595	1.00	58	60	262	320	2454
3084.0	250	18942	1.00	59	62	261	320	2921
3084.5	280	22449	1.00	61	64	261	321	3420
3085.0	311	26213	1.00	62	65	260	322	3950
3085.5	348	30463	1.03	60	84	243	323	4067
3086.0	389	35172	1.05	62	86	242	324	4669
3086.5	431	40263	1.07	65	89	240	325	5320
3087.0	474	45721	1.08	67	91	239	326	6015
3087.5	518	51340	1.09	69	94	237	327	6752
3088.0	563	57750	1.10	92	96	236	328	7537
3088.5	609	64339	1.11	94	99	234	328	8367
3089.0	657	71311	1.11	96	102	233	329	9242
3089.5	708	78698	1.12	114	119	174	330	9496
3090.0	768	86666	1.13	125	131	174	331	10159
3090.5	834	94536	1.17	140	146	174	333	10689
3091.0	908	103270	1.20	155	162	174	334	11369
3091.5	988	113612	1.21	161	170	174	335	12588
3092.0	1064	125098	1.20	163	171	174	336	14170
3092.5	1150	137298	1.19	164	173	174	338	15851
3093.0	1253	150217	1.17	165	175	174	339	17627
3093.5	1316	163827	1.16	166	177	174	340	19492
3094.0	1399	178104	1.14	168	179	174	341	21453
3094.5	1483	193031	1.13	169	181	174	343	23461
3095.0	1588	208589	1.12	170	182	174	344	25555
3095.5	1653	224766	1.10	171	184	174	345	27718

CROSS-SECTION PROPERTIES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
 SECID=H AT DISTANCE= 9195 PART 2 OF 2
 *** FLOODWAY ANALYSIS *** 100 YR DISCHARGE

WS	A	K	ALPHA	B	P	LEW	REW	QC
3096.0	1740	241548	1.09	173	186	174	346	29947
3096.5	1826	258925	1.08	174	188	174	348	32238
3097.0	1914	276887	1.08	175	190	174	349	34590
3097.5	2001	295429	1.07	176	192	174	350	37002
3097.6	2019	299440	1.07	176	192	174	350	37509

CROSS-SECTION PROPERTIES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
 SECID=I AT DISTANCE= 11070 PART 1 OF 2
 *** FLOODWAY ANALYSIS *** 100 YR DISCHARGE

WS	A	K	ALPHA	B	P	LEW	REW	QC
3084.0	117	5633	1.00	55	57	187	242	966
3084.5	145	7895	1.00	56	58	186	242	1318
3085.0	173	10452	1.00	57	60	185	243	1708
3085.5	202	13289	1.00	58	62	184	243	2133
3086.0	231	16394	1.00	59	63	184	243	2592
3086.5	261	19801	1.00	62	66	183	244	3052
3087.0	293	23552	1.01	66	70	182	248	3494
3087.5	327	27606	1.02	70	73	181	251	3967
3088.0	364	31973	1.04	74	79	180	254	4471
3088.5	401	36676	1.05	77	82	179	256	5071
3089.0	440	41697	1.07	79	84	178	257	5724
3089.5	480	47025	1.08	80	86	177	258	6411
3090.0	521	52671	1.08	82	88	176	259	7136
3090.5	562	58630	1.09	84	90	176	260	7896
3091.0	605	64901	1.10	86	92	175	261	8692
3091.5	648	71487	1.10	88	94	174	262	9523
3092.0	693	78390	1.10	90	96	173	263	10391
3092.5	738	85609	1.11	92	98	172	264	11294
3093.0	784	93103	1.11	93	101	171	264	12227
3093.5	831	100905	1.11	95	103	170	265	13193
3094.0	881	109723	1.12	100	108	167	266	14017
3094.5	931	119064	1.13	101	109	167	267	15109
3095.0	981	128758	1.14	102	111	167	268	16234
3095.5	1032	138799	1.14	103	112	167	269	17391
3096.0	1084	149163	1.15	104	114	167	270	18575
3096.5	1136	159854	1.15	105	116	167	271	19788
3097.0	1188	170869	1.16	105	117	167	272	21029
3097.5	1241	182193	1.16	107	119	167	273	22269
3098.0	1295	193838	1.17	108	121	167	274	23577
3098.5	1349	205803	1.17	109	122	167	275	24891
3099.0	1403	218087	1.18	110	124	167	276	26232
3099.5	1459	230688	1.18	111	125	167	277	27599
3100.0	1514	243606	1.19	112	127	167	278	28993

CROSS-SECTION PROPERTIES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
 SECID=I AT DISTANCE= 11070 PART 2 OF 2
 *** FLOODWAY ANALYSIS *** 100 YR DISCHARGE

WS	A	K	ALPHA	B	P	LEW	REW	QC
3100.5	1570	256840	1.20	113	129	167	279	30412
3100.9	1615	267705	1.20	113	130	167	280	31602

CROSS-SECTION PROPERTIES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
 SECID=J AT DISTANCE= 12385 PART 1 OF 1
 *** FLOODWAY ANALYSIS *** 100 YR DISCHARGE

WS	A	K	ALPHA	B	P	LEW	REW	QC
3087.0	137	9934	1.00	39	43	34	73	1457
3087.5	157	12163	1.00	40	44	33	74	1763
3088.0	178	14572	1.00	41	46	32	74	2092
3088.5	199	17250	1.00	44	48	30	74	2401
3089.0	222	20258	1.02	48	54	25	74	2665
3089.5	247	23485	1.04	53	59	21	74	2953
3090.0	281	27088	1.12	93	99	17	113	2623
3090.5	339	31675	1.29	126	133	16	142	2782
3091.0	402	37338	1.38	127	135	15	142	3462
3091.5	466	43823	1.41	128	136	14	142	4252
3092.0	530	51004	1.41	129	138	13	142	5134
3092.5	594	59325	1.37	129	139	12	142	6160
3093.0	659	68677	1.32	130	141	11	142	7306
3093.5	725	79163	1.27	131	142	11	142	8555
3094.0	791	90848	1.22	132	144	10	142	9922
3094.5	857	102035	1.21	133	145	9	142	11234
3095.0	924	113830	1.19	134	147	8	142	12605
3095.5	991	126237	1.18	134	148	7	142	14047
3096.0	1058	139196	1.17	135	149	7	142	15538
3096.5	1126	152689	1.16	136	150	6	142	17076
3097.0	1194	166700	1.15	136	152	6	142	18660
3097.5	1262	181215	1.15	137	153	5	142	20288
3098.0	1330	196220	1.15	137	154	5	142	21959
3098.5	1399	211704	1.14	138	155	4	142	23670
3099.0	1468	227655	1.14	138	157	4	142	25422
3099.5	1537	244063	1.14	139	158	3	142	27214
3100.0	1607	260918	1.14	139	159	2	142	29044
3100.5	1677	278211	1.13	140	160	2	142	30912
3101.0	1747	295934	1.13	140	162	1	142	32817
3101.5	1817	314079	1.13	141	163	1	142	34759
3102.0	1888	332637	1.13	141	164	0	142	36738
3102.3	1930	343981	1.13	142	165	0	142	37941

CROSS-SECTION PROPERTIES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
SECID=K AT DISTANCE= 13895 PART 1 OF 1
*** FLOODWAY ANALYSIS *** 100 YR DISCHARGE

WS	A	K	ALPHA	B	P	LEW	REW	QC
3088.0	125	7910	1.00	46	47	91	137	1169
3088.5	149	10263	1.00	48	49	90	138	1487
3089.0	173	12878	1.00	49	51	89	138	1836
3089.5	198	15752	1.00	51	53	88	139	2213
3090.0	224	18885	1.00	53	55	87	140	2620
3090.5	250	22274	1.00	54	57	87	141	3056
3091.0	278	25921	1.00	56	59	86	142	3520
3091.5	314	29896	1.05	121	124	85	850	2813
3092.0	392	35062	1.25	189	193	84	850	2867
3092.5	503	41798	1.46	258	263	84	850	3303
3093.0	708	48713	2.03	636	642	83	850	2972
3093.5	1063	65871	2.14	748	754	82	850	4913
3094.0	1446	93176	1.83	774	781	76	850	8289
3094.5	1835	129454	1.54	781	789	69	850	12844
3095.0	2227	173520	1.35	788	796	62	850	18297
3095.5	2623	225647	1.22	795	804	55	850	24442
3096.0	3023	281063	1.16	803	812	47	850	30870
3096.5	3426	340848	1.13	810	820	40	850	37659
3097.0	3833	405096	1.10	817	827	33	850	44828
3097.5	4243	475667	1.09	821	831	29	850	52500
3098.0	4653	550960	1.07	822	833	28	850	60693
3098.5	5064	631289	1.06	823	835	27	850	69290
3099.0	5476	715504	1.05	824	836	26	850	78144
3099.5	5888	804038	1.04	825	838	25	850	87319
3100.0	6300	895805	1.04	826	839	24	850	96807
3100.5	6713	993701	1.04	826	841	24	850	106598
3101.0	7127	1094634	1.03	827	843	23	850	116684
3101.5	7541	1199520	1.03	828	844	22	850	127057
3102.0	7955	1308281	1.03	829	846	21	850	137710
3102.5	8370	1420844	1.03	830	847	20	850	148635
3103.0	8788	1532567	1.03	844	861	6	850	158186
3103.5	9211	1652684	1.03	846	864	4	850	169540
3104.0	9634	1776497	1.03	848	867	2	850	181153
3104.4	9974	1878148	1.03	850	869	0	850	190623

CROSS-SECTION PROPERTIES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
SECID=L AT DISTANCE= 15435 PART 1 OF 2
*** FLOODWAY ANALYSIS *** 100 YR DISCHARGE

WS	A	K	ALPHA	B	P	LEW	REW	QC
3089.0	124	7621	1.00	44	48	568	613	1181
3089.5	147	10406	1.00	45	49	568	613	1504
3090.0	171	12577	1.00	51	55	562	613	1785
3090.5	197	16416	1.00	52	57	562	613	2180

CROSS-SECTION PROPERTIES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
 SECID=L AT DISTANCE= 15435 PART 2 OF 2
 *** FLOODWAY ANALYSIS *** 100 YR DISCHARGE

WS	A	K	ALPHA	B	P	LEW	REW	QC
3091.0	223	20342	1.00	53	58	561	614	2603
3091.5	250	24143	1.00	54	60	560	614	3054
3092.0	277	28208	1.00	55	61	559	614	3532
3092.5	305	31934	1.00	58	65	559	617	3966
3093.0	335	36008	1.00	61	68	558	619	4436
3093.5	366	40443	1.00	65	72	557	622	4944
3094.0	401	45533	1.01	76	84	548	624	5186
3094.5	443	51136	1.04	90	98	536	627	5455
3095.0	491	57253	1.08	104	112	525	629	5820
3095.5	547	63938	1.13	118	126	514	632	6275
3096.0	614	72145	1.20	144	152	502	647	6557
3096.5	750	82944	1.44	402	411	191	647	4830
3097.0	975	99712	1.71	456	465	191	647	6187
3097.5	1203	121725	1.74	456	466	191	647	8406
3098.0	1431	147963	1.67	456	467	191	647	11131
3098.5	1659	177656	1.58	456	468	191	647	14279
3099.0	1886	210773	1.49	456	469	191	647	17820
3099.5	2114	247114	1.42	456	470	191	647	21703
3100.0	2342	286386	1.36	456	471	191	647	25871
3100.5	2570	328480	1.31	456	472	191	647	30288
3101.0	2798	373311	1.27	456	473	191	647	34931
3101.5	3025	420778	1.24	456	474	191	647	39778
3102.0	3253	470792	1.21	456	475	191	647	44812
3102.5	3481	523273	1.19	456	476	191	647	50019
3103.0	3709	578150	1.17	456	477	191	647	55391
3103.5	3937	635357	1.16	456	478	191	647	60919
3104.0	4164	694835	1.15	456	479	191	647	66546
3104.5	4392	756539	1.14	456	480	191	647	72418
3104.7	4483	781812	1.14	456	481	191	647	74786

CROSS-SECTION PROPERTIES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
 SECID=L AT DISTANCE= 16545 PART 1 OF 2
 *** FLOODWAY ANALYSIS *** 100 YR DISCHARGE

WS	A	K	ALPHA	B	P	LEW	REW	QC
3092.0	211	13524	1.00	65	67	823	888	2162
3092.5	250	15184	1.00	83	86	806	889	2454
3093.0	293	16956	1.00	89	92	802	890	3014
3093.5	339	23196	1.00	95	97	797	892	3636
3094.0	387	27929	1.00	100	103	793	893	4321
3094.5	439	33167	1.00	106	109	789	895	5071
3095.0	493	38928	1.00	112	115	785	896	5886
3095.5	551	45231	1.00	117	120	781	898	6769
3096.0	611	52092	1.00	123	126	777	899	7721

CROSS-SECTION PROPERTIES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
 SECID=M AT DISTANCE= 16545 PART 2 OF 2
 *** FLOODWAY ANALYSIS *** 100 YR DISCHARGE

WS	A	K	ALPHA	B	P	LEW	REW	QC
3096.5	673	59529	1.00	128	132	772	901	8745
3097.0	739	67558	1.00	134	138	768	902	9840
3097.5	807	76196	1.00	140	143	764	904	11009
3098.0	879	85459	1.00	145	149	760	905	12254
3098.5	953	95365	1.00	151	155	756	907	13575
3099.0	1029	107229	1.00	153	157	755	908	15136
3099.5	1105	120333	1.00	153	158	755	908	16854
3100.0	1182	133966	1.00	153	159	755	908	18634
3100.5	1258	148107	1.00	153	160	755	908	20472
3101.0	1335	162738	1.00	153	161	755	908	22367
3101.5	1411	177841	1.00	153	162	755	908	24316
3102.0	1488	193401	1.00	153	163	755	908	26320
3102.5	1564	209401	1.00	153	164	755	908	28375
3103.0	1641	225828	1.00	153	165	755	908	30482
3103.5	1717	242668	1.00	153	166	755	908	32638
3104.0	1794	259909	1.00	153	167	755	908	34843
3104.5	1870	277537	1.00	153	168	755	908	37095
3105.0	1947	295543	1.00	153	169	755	908	39394
3105.5	2023	313915	1.00	153	170	755	908	41734
3105.9	2085	328865	1.00	153	171	755	908	43645

CROSS-SECTION PROPERTIES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
 SECID=G-TW AT DISTANCE= 17075 PART 1 OF 2
 *** FLOODWAY ANALYSIS *** 100 YR DISCHARGE

WS	A	K	ALPHA	B	P	LEW	REW	QC
3093.0	208	15113	1.00	56	58	1085	1141	2273
3093.5	237	19415	1.00	58	61	1084	1142	2702
3094.0	266	23071	1.00	60	63	1083	1143	3172
3094.5	297	27027	1.00	62	65	1082	1144	3674
3095.0	329	31287	1.00	64	67	1081	1145	4210
3095.5	352	35018	1.00	75	79	1071	1146	4492
3096.0	406	41419	1.05	100	103	1047	1147	4534
3096.5	452	47452	1.12	119	123	1029	1148	4875
3097.0	522	54237	1.17	120	124	1029	1149	5701
3097.5	582	61618	1.20	121	126	1029	1150	6605
3098.0	643	69819	1.21	122	127	1029	1151	7622
3098.5	704	79981	1.15	123	129	1029	1152	8901
3099.0	766	91785	1.09	124	131	1029	1153	10344
3099.5	828	102521	1.08	125	132	1029	1154	11646
3100.0	891	113834	1.07	126	134	1029	1154	13008
3100.5	954	125705	1.06	127	135	1029	1155	14425
3101.0	1017	138117	1.05	128	137	1029	1156	15894
3101.5	1081	151054	1.04	128	138	1029	1157	17413

CROSS-SECTION PROPERTIES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
SECID=N-TW AT DISTANCE= 17075 PART 2 OF 2
*** FLOODWAY ANALYSIS *** 100 YR DISCHARGE

WS	A	K	ALPHA	B	P	LEW	REW	QC
3102.0	1146	164504	1.04	129	140	1029	1158	18980
3102.5	1211	178454	1.03	130	141	1029	1159	20595
3103.0	1276	192903	1.03	131	143	1029	1160	22256
3103.5	1344	209070	1.03	141	153	1029	1170	23178
3104.0	1417	225841	1.04	151	164	1029	1180	24165
3104.5	1496	243268	1.05	161	174	1029	1190	25224
3105.0	1579	261394	1.06	171	185	1029	1200	26357
3105.5	1667	280244	1.08	182	197	1029	1211	27485
3106.0	1761	299880	1.10	193	208	1029	1222	28701
3106.5	1861	320341	1.12	205	220	1029	1233	30009
3106.8	1923	333023	1.14	211	227	1029	1240	30837

CROSS-SECTION PROPERTIES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
SECID=0-APP AT DISTANCE= 17150 PART 1 OF 2
*** FLOODWAY ANALYSIS *** 100 YR DISCHARGE

WS	A	K	ALPHA	B	P	LEW	REW	QC
3092.0	132	9476	1.01	48	50	1142	1190	1235
3092.5	157	13072	1.02	50	52	1141	1192	1556
3093.0	182	17356	1.04	52	54	1141	1193	1898
3093.5	209	21667	1.05	55	56	1139	1195	2241
3094.0	239	25778	1.07	61	63	1137	1198	2581
3094.5	270	30266	1.10	65	69	1135	1201	2955
3095.0	305	35165	1.13	72	74	1133	1205	3364
3095.5	347	40536	1.19	97	100	1102	1208	3419
3096.0	404	46748	1.30	132	134	1080	1212	3520
3096.5	476	54651	1.45	150	153	1065	1215	3993
3097.0	552	63703	1.55	153	157	1065	1218	4769
3097.5	630	74027	1.59	157	161	1065	1222	5664
3098.0	709	85821	1.59	160	165	1065	1225	6698
3098.5	790	99481	1.55	164	169	1065	1228	7901
3099.0	872	113825	1.53	167	173	1065	1232	9144
3099.5	957	128300	1.53	170	177	1065	1235	10391
3100.0	1043	143625	1.53	174	180	1065	1239	11699
3100.5	1130	159781	1.54	177	184	1065	1242	13067
3101.0	1220	176751	1.54	180	188	1065	1245	14495
3101.5	1311	194614	1.54	183	192	1065	1248	16017
3102.0	1403	213267	1.54	186	195	1065	1251	17603
3102.5	1497	232681	1.55	188	198	1065	1253	19245
3103.0	1592	252844	1.55	191	201	1065	1256	20939
3103.5	1688	273746	1.55	194	204	1065	1258	22685
3104.0	1785	295376	1.56	196	207	1065	1261	24481
3104.5	1884	317720	1.56	199	210	1065	1264	26328
3105.0	1984	340788	1.57	201	213	1065	1266	28222

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CROSS-SECTION PROPERTIES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
SECID=0-APP AT DISTANCE= 17150 PART 2 OF 2
*** FLOODWAY ANALYSIS *** 100 YR DISCHARGE

WS	A	K	ALPHA	B	P	LEW	REW	QC
3105.5	2085	364554	1.57	204	217	1065	1269	30165
3106.0	2188	389018	1.58	206	220	1065	1271	32156
3106.5	2291	414174	1.58	209	223	1065	1274	34193
3107.0	2397	440016	1.59	212	226	1065	1276	36276
3107.5	2503	466539	1.60	214	229	1065	1279	38405
3107.7	2546	477341	1.60	215	230	1065	1280	39270

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PAGE 1 OF PROFILE NOTES FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES
INITIAL VALUES ARE: Q = 6700. H = 3082.78

SECID,ERROR OR WARNING MESSAGE,INTERMEDIATE RESULTS(IF ANY),ACTION TAKEN

B-APP,KU/KD < 0.7 OR > 1.4

D ,KU/KD < 0.7 OR > 1.4

E ,KU/KD < 0.7 OR > 1.4

G ,KU/KD < 0.7 OR > 1.4

H ,KU/KD < 0.7 OR > 1.4

K ,KU/KD < 0.7 OR > 1.4

L ,KU/KD < 0.7 OR > 1.4

M ,KU/KD < 0.7 OR > 1.4

,USED COMPUTED WSU

,USED COMPUTED WSU

,USED COMPUTED WSU

,USED COMPUTED WSU

,USED COMPUTED WSU

,USED COMPUTED WSU

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,USED COMPUTED WSU

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WATER-SURFACE PROFILE FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES

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*** FLOODWAY ANALYSIS *** 100 YR DISCHARGE

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SECID AT DISTANCE/ LENGTH/DISCHARGE/ AREA /CONVEYANCE/ ALPHA/ LEW / REW
 NS ELEV / HV / HF / HE / EG / V / FN / ACC *ID*

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A-TW AT 3050 / 0 / 6700. / 899. / 153855. / 1.04 / 128. / 212.
 3083.78 / 0.90 / / 3084.68 / 7.45 / 0.40 / *IS*

===== BEGIN BRIDGE ANALYSIS =====

B0 1 AT 3050 / / 6700. / 1102. / 186211. / 1.15 / 15. / 145.
 3083.78 / 0.58 / ...1... (0.070) / 6.08 / 0.37 / *B0*

NO ROAD-GRADE DATA

RG

B-APP AT 3247 / 197 / 6700. / 1954. / 258943. / 1.38 / 374. / 653.
 3084.65 / 0.25 / 0.22 / 0.0 / 3084.90 / 3.43 / 0.24 / -0.000 *AS*

M = 0.20 / E = 0.0 / K* = 0.90 / 2110. / 287753. / 1.35 / 374. / 654.
 3085.21 / 0.21 / / 3085.42 / 3.18 / 0.22 / *AS*

===== END BRIDGE ANALYSIS =====

C AT 3525 / 278 / 6700. / 2576. / 320367. / 1.00 / 195. / 579.
 3085.46 / 0.11 / 0.14 / 0.0 / 3085.56 / 2.60 / 0.20 / 0.009 *XS*

D AT 3976 / 445 / 6700. / 1795. / 173093. / 1.06 / 154. / 442.
 3085.76 / 0.23 / 0.36 / 0.06 / 3085.99 / 3.73 / 0.22 / 0.000 *XS*

E AT 5530 / 1560 / 6700. / 2599. / 251513. / 1.21 / 347. / 920.
 3087.47 / 0.13 / 1.61 / 0.0 / 3087.59 / 2.58 / 0.18 / 0.000 *XS*

F AT 6920 / 1390 / 6450. / 1402. / 187403. / 1.12 / 82. / 214.
 3088.62 / 0.37 / 1.27 / 0.12 / 3088.99 / 4.60 / 0.27 / 0.000 *XS*

G AT 8260 / 1340 / 6450. / 825. / 99859. / 1.00 / 90. / 164.
 3091.31 / 0.95 / 2.98 / 0.29 / 3092.26 / 7.82 / 0.41 / 0.000 *XS*

H AT 9195 / 935 / 6270. / 1403. / 178861. / 1.14 / 174. / 341.
 3094.03 / 0.35 / 2.12 / 0.0 / 3094.38 / 4.47 / 0.27 / 0.000 *XS*

I AT 11070 / 1875 / 6270. / 1137. / 159992. / 1.15 / 167. / 271.
 3096.51 / 0.55 / 2.58 / 0.10 / 3097.05 / 5.52 / 0.30 / -0.000 *XS*

J AT 12385 / 1315 / 6270. / 1366. / 204099. / 1.14 / 4. / 142.
 3098.26 / 0.37 / 1.58 / 0.0 / 3098.63 / 4.59 / 0.26 / -0.004 *XS*

K AT 13895 / 1510 / 6270. / 5481. / 716601. / 1.05 / 26. / 850.
 3099.01 / 0.02 / 0.41 / 0.0 / 3099.03 / 1.14 / 0.08 / -0.010 *XS*

L AT 15435 / 1540 / 6140. / 2003. / 229013. / 1.45 / 191. / 647.
 3099.26 / 0.21 / 0.36 / 0.10 / 3099.47 / 3.07 / 0.24 / -0.016 *XS*

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WATER-SURFACE PROFILE FOR: SOUTH FORK NEW RIVER FLOOD & FLOODWAY ANALYSES

PAGE 2 OF 2

*** FLOODWAY ANALYSIS *** 100 YR DISCHARGE

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SECID	AT	DISTANCE	LENGTH	DISCHARGE	AREA	CONVEYANCE	ALPHA	LEW	REW
WS ELEV	HV	HF	HE	EG	V	FN	ACC	ID	
AT	16545	/	1110	/	6140.	/	1247.	/	145990.
3100.43	/	0.38	/	1.25	/	0.08	/	3100.80	/
					4.92	/	0.30	/	0.000

=====

N-TW	AT	17075	/	530	/	6140.	/	1053.	/
3101.28	/	0.55	/	0.94	/	0.09	/	3101.83	/
					5.83	/	0.35	/	0.000

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===== BEGIN BRIDGE ANALYSIS =====

NO	BO	AT	17075	/		/	6021.	/	716.
3101.28	/	1.10	/	...	/	0.017	/	8.41	/
								0.42	/

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ROAD OVERFLOW (CFS)	/	LEFT	41.	/	RIGHT	0.	/
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O-APP	AT	17150	/	75	/	6140.	/	1292.	/
3101.40	/	0.54	/	0.10	/	0.0	/	3101.94	/
								4.75	/

=====

M	=	0.30	/	E	=	0.34	/	K*	=
3102.04	/	0.45	/		/	3102.50	/	4.35	/
								0.32	/

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===== END BRIDGE ANALYSIS =====

END OF THIS PROFILE

*** INPUT CARD PRINTOUT ***

.....¹.....².....³.....⁴.....⁵.....⁶.....⁷.....⁸
.....5.....0.....5.....0.....5.....0.....5.....0.....5.....0.....5.....0.....5.....0