

PRELIMINARY INFORMATION SHEET (BRIDGE)

LRFD

INDEX OF SHEETS						FINAL HYDRAULIC REPORT																	
PLAN SHEETS						STANDARDS LIST						HYDROLOGIC DATA						PROPOSED STRUCTURE					
1	TITLE SHEET					C-3A	SIDEWALK RAMPS	03-10-2008	DATE: Apr 3, 2013						STRUCTURE TYPE: SINGLE LANE FLOATING BRIDGE								
2	PRELIMINARY INFORMATION SHEET					C-10	CURBING	02-11-2008	DRAINAGE AREA: 4.0 SQ. MI.						CLEAR SPAN (NORMAL TO STREAM): 320								
3	ROADWAY TYPICAL SECTIONS					E-119	UTILITY WORK ZONE	03-01-2004	CHARACTER OF TERRAIN: HILLY TO MOUNTAINOUS VALLEY TERRAIN						VERTICAL CLEARANCE ABOVE STREAMBED: +/- 27 FT								
4	BRIDGE TYPICAL SECTIONS					E-121	STANDARD SIGN PLACEMENT - CONVENTIONAL ROAD	08-08-1995	STREAM CHARACTERISTICS: LAKE						WATERWAY OF FULL OPENING: 5255 SQ. FT								
5	ISOMETRIC VIEWS					E-134	BRIDGE NUMBER PLAQUE	08-08-1995	NATURE OF STREAMBED: SAND, SILT						WATER SURFACE ELEVATIONS AT: UPSTREAM BRIDGE FASCIA								
6	EARTHWORK TYPICAL SECTIONS					E-138	MILE MARKER DETAILS - STATE & TOWN HIGHWAYS	05-30-2003	Q 2.33 = 440 CFS Q50 = 1630 CFS						Q 2.33 = 1278.0 FT VELOCITY = 0 FPS								
7 - 8	PROJECT NOTES					E-141	REGULATORY SIGN DETAILS	09-20-1995	Q 10 = 1130 CFS Q 100 = 2080 CFS						Q 10 = 1278.6 FT " 0 FPS								
9 - 10	QUANTITY SHEETS					E-155	WARNING SIGN DETAILS	05-01-2004	Q 25 = 1380 CFS Q 500 = 3120 CFS						Q 25 = 1278.9 FT " 0 FPS								
11	BRIDGE QUANTITY SHEET					E-193	PAVEMENT MARKING DETAILS	08-18-1995	DATE OF FLOOD OF RECORD: AUGUST, 2011 (TROPICAL STORM IRENE)						Q 50 = 1279.3 FT " 0 FPS								
12	CONVENTIONAL SYMBOLS LEGEND					T-1	TRAFFIC CONTROL GENERAL NOTES	08-06-2012	ESTIMATED DISCHARGE: UNKNOWN						Q 100 = 1279.8 FT " 0 FPS								
13	TIE SHEET					T-10	CONVENTIONAL ROADS CONSTRUCTION APPROACH SIGNING	08-06-2012	WATER SURFACE ELEVATION: >1278.6						IS THE ROADWAY OVERTOPPED BELOW Q100? YES								
14	LAYOUT SHEET					T-17	TRAFFIC CONTROL MISCELLANEOUS DETAILS	08-06-2012	NATURAL STREAM VELOCITY: N/A						FREQUENCY: +/- 1.7 YR								
15	PROFILE SHEET					T-24	TRAFFIC CONTROL FOR MAINTENANCE PAVEMENT MARKING OPERATION	08-06-2012	ICE CONDITIONS: RECURRING SEASONAL ICE						RELIEF ELEVATION: +/- 1277.5 FT								
16	UTILITY RELOCATION PLAN					T-28	CONSTRUCTION SIGN DETAILS	08-06-2012	DEBRIS: N/A						DISCHARGE OVER ROAD @ Q100: UNKNOWN								
17	GUARDRAIL LAYOUT SHEET					T-29	CONSTRUCTION SIGN DETAILS	08-06-2012	DOES THE STREAM REACH MAXIMUM HIGHWATER ELEV. RAPIDLY? NO						AVERAGE LOW ELEVATION OF SUPERSTRUCTURE: +/- 1273.2 FT								
18 - 19	TIMBER GUARDRAIL DETAILS					T-30	CONSTRUCTION SIGN DETAILS	08-06-2012	IS ORDINARY RISE RAPID? NO						VERTICAL CLEARANCE: N/A								
20	TRAFFIC SIGNS AND LINES LAYOUT					T-31	CONSTRUCTION SIGN DETAILS	08-06-2012	IS STAGE AFFECTED BY UPSTREAM OR DOWNSTREAM CONDITIONS? YES						SCOUR: N/A								
21	TRAFFIC SIGN SUMMARY SHEET					T-35	CONSTRUCTION ZONE LONGITUDINAL DROP-OFFS	08-06-2012	IF YES, DESCRIBE TWO UNNAMED STREAMS DISCHARGE INTO SUNSET LAKE						REQUIRED CHANNEL PROTECTION: N/A								
22	BORING INFORMATION & LAYOUT SHEET					T-36	CONSTRUCTION ZONE LONGITUDINAL DROP-OFFS FOR PAVING	08-06-2012	WATERSHED STORAGE: 4% HEADWATERS: 3%						PERMIT INFORMATION								
23 - 31	BORING LOGS					T-40	DELINEATORS AND MILEPOSTS	01-02-2013	UNIFORM: _____						AVERAGE DAILY FLOW: 10 CFS DEPTH OR ELEVATION:								
32	BRIDGE PLAN AND ELEVATION					T-45	SQUARE TUBE SIGN POST AND ANCHOR	01-02-2013	IMMEDIATELY ABOVE SITE: 1%						ORDINARY LOW WATER: 5 CFS 1274.9 FT								
33 - 34	FRP RAFT DETAILS					EXISTING STRUCTURE INFORMATION						STRUCTURE TYPE: SINGLE LANE FLOATING BRIDGE											
35 - 37	FRP RAFT LOADING DIAGRAMS											YEAR BUILT: 1978											
38	FRP RAFT FIELD SPLICES					CLEAR SPAN (NORMAL TO STREAM): 316 FT																	
39 - 40	RAMP-RAFT STAINLESS STEEL SHELF					VERTICAL CLEARANCE ABOVE STREAMBED: +/- 27 FT																	
41	RAMP FRAMING PLAN					WATERWAY OF FULL OPENING: 5255 SQ. FT.																	
42	RAMP FRAMING DETAILS					DISPOSITION OF STRUCTURE: COMPLETE REMOVAL																	
43	DECK PANEL LAYOUT					TYPE OF MATERIAL UNDER SUBSTRUCTURE: GLACIAL TILL AND BEDROCK																	
44	RAMP DECK PANELS					WATER SURFACE ELEVATIONS AT: UPSTREAM END OF CULVERT																	
45	FLOATING SPAN DECK PANELS					Q 2.33 = 1278.0 FT VELOCITY = 0 FPS																	
46	DECK PANEL DETAILS					Q 10 = 1278.6 FT " 0 FPS																	
47 - 48	CURB DETAILS					Q 25 = 1278.9 FT " 0 FPS																	
49	RAMP RAILING LAYOUT & DETAILS					Q 50 = 1279.3 FT " 0 FPS																	
50	FLOATING SPAN RAILING LAYOUT & DETAILS					Q 100 = 1279.8 FT " 0 FPS																	
51	HINGED SLIDING PLATE ASSEMBLY - ROADWAY					LONG TERM STREAMBED CHANGES: N/A																	
52	HINGED SLIDING PLATE ASSEMBLY - SIDEWALK					UPSTREAM STRUCTURE																	
53	BEARING DETAILS																						
54	ABUTMENT 1 - PLAN, ELEVATION, & SECTIONS					TOWN: BROOKFIELD DISTANCE: -																	
55	ABUTMENT 1 - REINFORCEMENT					HIGHWAY #: TH 1 STRUCTURE #: N/A																	
56	ABUTMENT 2 - PLAN, ELEVATION, & SECTIONS					CLEAR SPAN: UNKNOWN CLEAR HEIGHT: UNKNOWN																	
57	ABUTMENT 2 - REINFORCEMENT					YEAR BUILT: UNKNOWN FULL WATERWAY: UNKNOWN																	
58	REINFORCING STEEL SCHEDULE					STRUCTURE TYPE: CULVERT AT NORTHERN INLET TO LAKE																	
59 - 60	ROADWAY CROSS SECTIONS					DOWNSTREAM STRUCTURE																	
61 - 63	LAKE CROSS SECTIONS																						
64	RESOURCE IMPACT PLAN					TOWN: BROOKFIELD DISTANCE: 180 FT																	
65	EPSC NARRATIVE					HIGHWAY #: _____ STRUCTURE #: N/A																	
66	EPSC EXISTING CONDITION LAYOUT					CLEAR SPAN: _____ CLEAR HEIGHT: _____																	
67	EPSC CONSTRUCTION CONDITION LAYOUT					YEAR BUILT: _____ FULL WATERWAY: _____																	
68	EPSC FINAL CONDITION LAYOUT					STRUCTURE TYPE: SLUICE DAM TO LAKE OUTLET																	
69 - 70	EPSC DETAILS					LRFR LOAD RATING FACTORS																	
STRUCTURES DETAIL SHEETS																							
SD-501.00	CONCRETE DETAILS AND NOTES	05-07-2010	LOADING LEVELS						TRUCK														
SD-502.00	CONCRETE DETAILS AND NOTES	10-10-2012	TONNAGE						H-20 HL-93 3S2 6 AXLE 3A STR 4A STR 5A SEMI														
SD-601.00	STRUCTURAL STEEL DETAILS & NOTES	06-04-2010	INVENTORY						1.14 0.70														
			POSTING						OPERATING														
			OPERATING						1.34 0.56 0.95 0.56 0.91 0.81 0.84														
			COMMENTS:						OPERATING VALUES ARE DEFLECTION (SERVICE) CONTROLLED.														
			TEMPORARY BRIDGE PROFILE ALONG TEMP CL						PILE DRIVING AND TESTING REQUIREMENTS														
			TRAFFIC DATA						DESIGN VALUES														
			AS BUILT "REBAR" DETAIL						PROJECT NAME: BROOKFIELD														
			TEMPORARY BRIDGE PROFILE ALONG TEMP CL						PROJECT NUMBER: BRFLBR(2)														
			TRAFFIC DATA						PROJECT NAME: BROOKFIELD														
			AS BUILT "REBAR" DETAIL						PROJECT NUMBER: BRFLBR(2)														
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