Metric

MAG. 1997

STONE FILL, TYPE I ,
BEHIND WINGWALLS
300 WIDE x
300 DEEP (TYP.)

℄ BRG. ABUT. 1
STA 2+071.896
F.G. EL. 363.857

STA 2+056.500
END AGGREGATE SURFACE
COURSE/BEGIN BITUMINOUS
CONCRETE PAVEMENT

BEGIN BRIDGE
STA 2+071.607
F.G. EL. 363.853

APPROX. EDGE OF WETLAND

EXISTING ROW

END BRIDGE
STA 2+089.907
F.G. EL. 364.064

℄ BRG. ABUT. 2
STA 2+089.619
F.G. EL. 364.061

PC = 2+106.541

PI CURVE 1

WINGWALL #1

WINGWALL #3

WINGWALL #2

WINGWALL #4

60°02'10" (TYP.)

160°24'54"

N 14°55'05" W

N 05°26'18"

N 04°40'01" E

ML STA 2+094.000 =
CHAN STA 4+025.000
△ = 60°02'10"

Existing ROW

PT = 2+070.449

RELOCATED
OVERHEAD
ELECTRIC

PT #2
STA 1+082.576

STONE FILL ENDS
2+050 RT - BLEND
INTO EXISTING STONE

SOUTH BRANCH
MIDDLEBURY RIVER

STONE FILL,
TYPE II ,
600 THICK (TYP.)

4+000 N 54°35'52" W

℄ CHANNEL
ALIGNMENT

PLAN

0 2 4 6

SCALE 1:100

℄ BRG.
ABUT. 1 (FIXED)

℄ BRG.
ABUT. 2 (EXPANSION)

17 723 ℄ BRG. TO ℄ BRG.

℄ POST 1

℄ POST 1

APPROACH RAIL
SCHEDULE II (TYP.)

SPECIAL PROVISION (BRIDGE RAILING,
WEATHERING HD STEEL BEAM/FASCIA MOUNTED)

APPROACH RAIL
SCHEDULE I (TYP.)

370
365
360

APPROX. EXISTING
GROUND LINE

Q100 = 361.450

STONE FILL, TYPE II ,
600 THICK (TYP.)

ELEVATION ALONG UPSTREAM FASCIA

0 2 4 6

SCALE 1:100

LEGEND

STONE FILL, TYPE I

STONE FILL, TYPE II

REVISIONS

REVISED WEST EDGE OF RIVER LINE.
REVISED WINGWALL 2.

McFarland Johnson

FOREST SERVICE U.S. DEPARTMENT OF AGRICULTURE

STATE OF VERMONT
AGENCY OF TRANSPORTATION

Town Of RIPTON	Bridge No. BRIDGE #17
Highway No. TH 18	Log Sta. / Surv. Sta.

TH 18 OVER SOUTH BRANCH MIDDLEBURY RIVER

GENERAL PLAN AND ELEVATION

Designed By B P GUZAS	Drawn By W J GAYNOR
Checked By Y I LIU Date 8/09	Bridge Design Supervisor R L JOY Date 10/09
PROJECT RIPTON	PROJECT NO. FH 010-1(2)
I.G.C. Info.	
Bridge Sheet No.	Sheet 14R of 26