



PRESENT BRIDGE DATA
 Steel & Girder Bridge w/Conc deck
 Roadway width 20.0'
 Length 69.0'
 Clear # 1 span 62.9'
 Clear height
 2' watermain is slung on bridge rail

CONSTRUCT DRIVES
 19+52 19+55
 20+5 20+42
 Rev 27+594 Rev 25+741

REMOVAL AND DISPOSAL OF EXISTING
 30' x 40' RAIL
 Rev 21+50 ~ 21+75
 Rev 22+50 ~ 23+75
 Rev 23+50 ~ 24+00

TREATED TIMBER CURB
 Rev 21+50 LT ~ 24+00

EXISTING BRIDGE DATA
 1/11
 Rev 21+50 ~ Rev 24+00 Rev 24+50 ~ Rev 28+50

BM#9
 Spot on North End
 of Bot Step of #31
 Sta 19+60 R. 173
 Elev. 657.23

HYDRAULIC DATA
 Drainage Area = 50.5 sq mi
 Q10 = 2000 cfs; H.W. El. 640.7
 Q25 = 350 cfs; H.W. El. 643.2
 Q50 = 3490 cfs; H.W. El. 648.3 Design
 Q100 = 4250 cfs; H.W. El. 647.7
 Tailwater depth @ Q50 = 2'11"
 Outlet Velocity @ Q50 = 13 F.P.S.

BEGIN R.O.W. PROJECT
 STA. 18+00

EXCAVATION AND REMOVAL OF ROAD SURFACES AND PAVEMENTS
 Rev 22+50 RT ~ Rev 24+50 RT

UNCLASSIFIED CHANNEL
 (Channel Line)
 2+90-4+24
 3+46-5+55

STONEFILL TYPE III
 (Channel Line)
 2+42-5+55

STONEFILL TYPE II
 (Channel Line)
 3+05-4+26 3+00-4+29

DEMOLITION AND DISPOSAL OF BUILDING
 1 R. 22+40

Note: For new gaging station foundation details see Sheet BR102-A.

FEB 29 1980

STATE OF VERMONT
 DEPARTMENT OF HIGHWAYS

TOWN OF RANDOLPH
 ROAD No. VT 12 BRIDGE No. _____
VT 12 over AYERS BROOK
 PLAN

SCALE 1" = 50'-0"
 SURVEYED BY Martin 1/63
 DRAWN BY Hopkins CHECKED BY _____
 PROJECT No. BR-RF 035-2(2)
 SHEET 4 OF 5