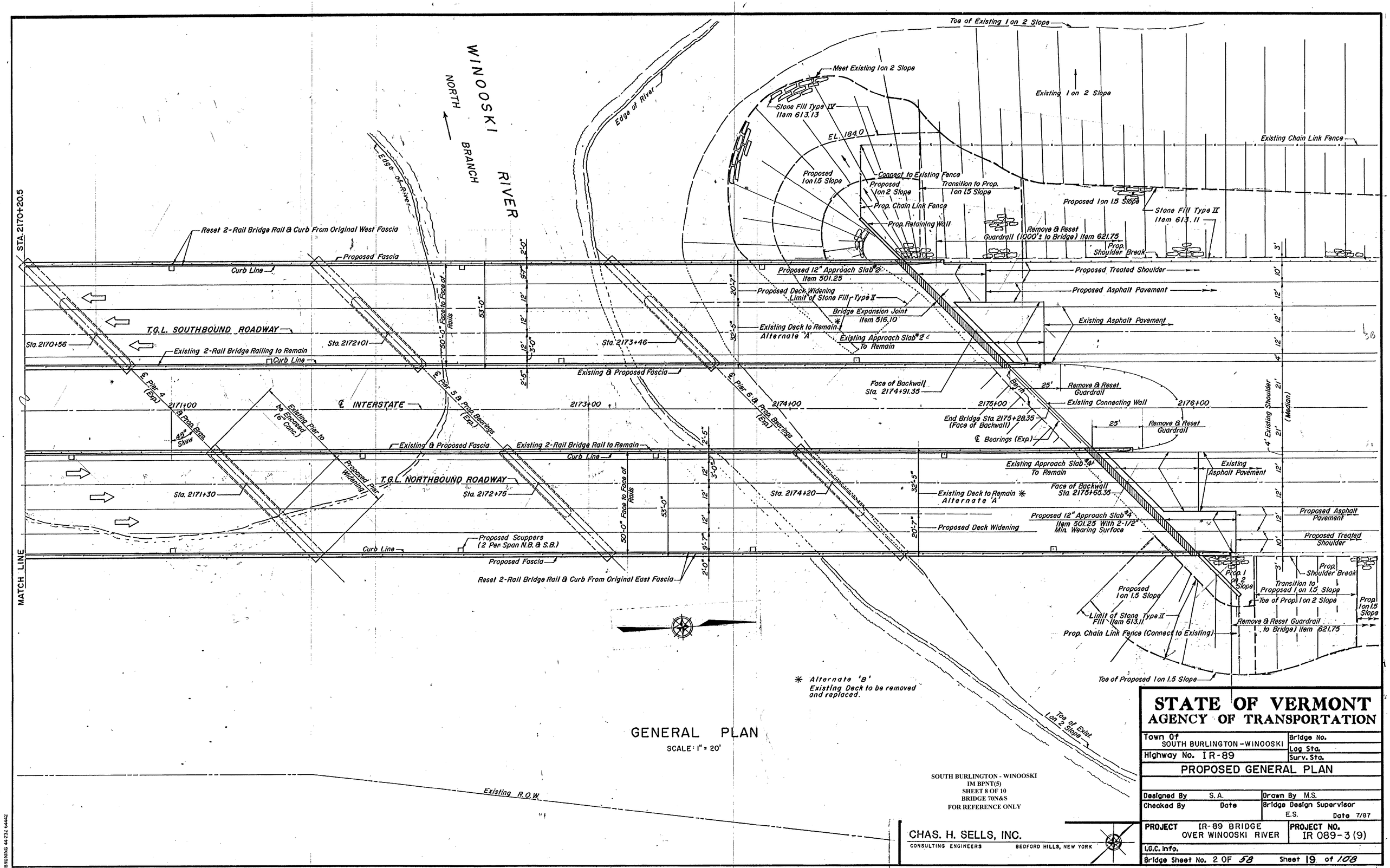
WINOOSKI RIVER
NORTH BRANCH
Edge of River
Edge of River
STA. 2170+20.5
Reset 2-Rail Bridge Rail & Curb From Original West Fascia
Proposed Fascia
Curb Line
T.G.L. SOUTHBOUND ROADWAY
Sta. 2170+56
Existing 2-Rail Bridge Railing to Remain
Curb Line
Sta. 2172+01
Sta. 2173+46
Existing & Proposed Fascia
℄ Pier 4 (Exp.)
℄ Pier 5 & Prop. Bearings (Exp.)
℄ Pier 6 & Prop. Bearings (Exp.)
2171+00
2173+00
2174+00
2175+00
2176+00
℄ INTERSTATE
45° Skew
Existing Pier to be Encased (6" Conc.)
Proposed Pier Widening
Existing & Proposed Fascia
Existing 2-Rail Bridge Rail to Remain
Curb Line
T.G.L. NORTHBOUND ROADWAY
Sta. 2171+30
Sta. 2172+75
Sta. 2174+20
Proposed Scuppers (2 Per Span N.B. & S.B.)
Curb Line
Proposed Fascia
Reset 2-Rail Bridge Rail & Curb From Original East Fascia
50'-0" Face to Face of Rails
53'-0"
2'-0"
9'-7"
12'
12'
12'
3'-0"
2'-5"
2'-5"
3'-0"
9'-7"
2'-0"
20'-7"
32'-5"
32'-5"
20'-7"
Meet Existing 1 on 2 Slope
Stone Fill Type IV Item 613.13
EL. 184.0
Toe of Existing 1 on 2 Slope
Existing 1 on 2 Slope
Existing Chain Link Fence
Proposed 1 on 1.5 Slope
Connect to Existing Fence
Proposed 1 on 2 Slope
Transition to Prop. 1 on 1.5 Slope
Prop. Chain Link Fence
Prop. Retaining Wall
Proposed 1 on 1.5 Slope
Stone Fill Type II Item 613.11
Remove & Reset Guardrail (1000'± to Bridge) Item 621.75
Prop. Shoulder Break
Proposed 12" Approach Slab #2 Item 501.25
Proposed Deck Widening
Limit of Stone Fill Type II
Bridge Expansion Joint Item 516.10
Existing Deck to Remain Alternate 'A' *
Existing Approach Slab #2 To Remain
Face of Backwall Sta. 2174+91.35
Proposed Treated Shoulder
Proposed Asphalt Pavement
Existing Asphalt Pavement
Barn
25'
Remove & Reset Guardrail
Existing Connecting Wall
End Bridge Sta. 2175+28.35 (Face of Backwall)
℄ Bearings (Exp.)
25'
Remove & Reset Guardrail
Existing Approach Slab #4 To Remain
Face of Backwall Sta. 2175+65.35
Existing Asphalt Pavement
Existing Deck to Remain Alternate 'A' *
Proposed 12" Approach Slab #4 Item 501.25 With 2-1/2" Min. Wearing Surface
Proposed Deck Widening
Proposed Asphalt Pavement
Proposed Treated Shoulder
4' Existing Shoulder
21' (Median)
3'
10'
12'
12'
12'
12'
4'
21'
Prop. Shoulder Break
Prop. 1 on 2 Slope
Transition to Proposed 1 on 1.5 Slope
Toe of Prop. 1 on 2 Slope
Prop. 1 on 1.5 Slope
Proposed 1 on 1.5 Slope
Limit of Stone Type II Fill Item 613.11
Prop. Chain Link Fence (Connect to Existing)
Remove & Reset Guardrail (to Bridge) Item 621.75
Toe of Proposed 1 on 1.5 Slope
Toe of Exist. 1 on 2 Slope
MATCH LINE
Existing R.O.W.
* Alternate 'B' Existing Deck to be removed and replaced.
GENERAL PLAN
SCALE: 1" = 20'
SOUTH BURLINGTON - WINOOSKI
IM BPNT(5)
SHEET 8 OF 10
BRIDGE 70N&S
FOR REFERENCE ONLY
CHAS. H. SELLS, INC.
CONSULTING ENGINEERS
BEDFORD HILLS, NEW YORK
STATE OF VERMONT
AGENCY OF TRANSPORTATION
Town Of SOUTH BURLINGTON-WINOOSKI
Bridge No.
Log Sta.
Highway No. IR-89
Surv. Sta.
PROPOSED GENERAL PLAN
Designed By S.A.
Drawn By M.S.
Checked By Date
Bridge Design Supervisor E.S. Date 7/87
PROJECT IR-89 BRIDGE OVER WINOOSKI RIVER
PROJECT NO. IR 089-3 (9)
I.C.C. Info.
Bridge Sheet No. 2 OF 58
Sheet 19 of 108
BR-6
BRUNING 44-232 64442