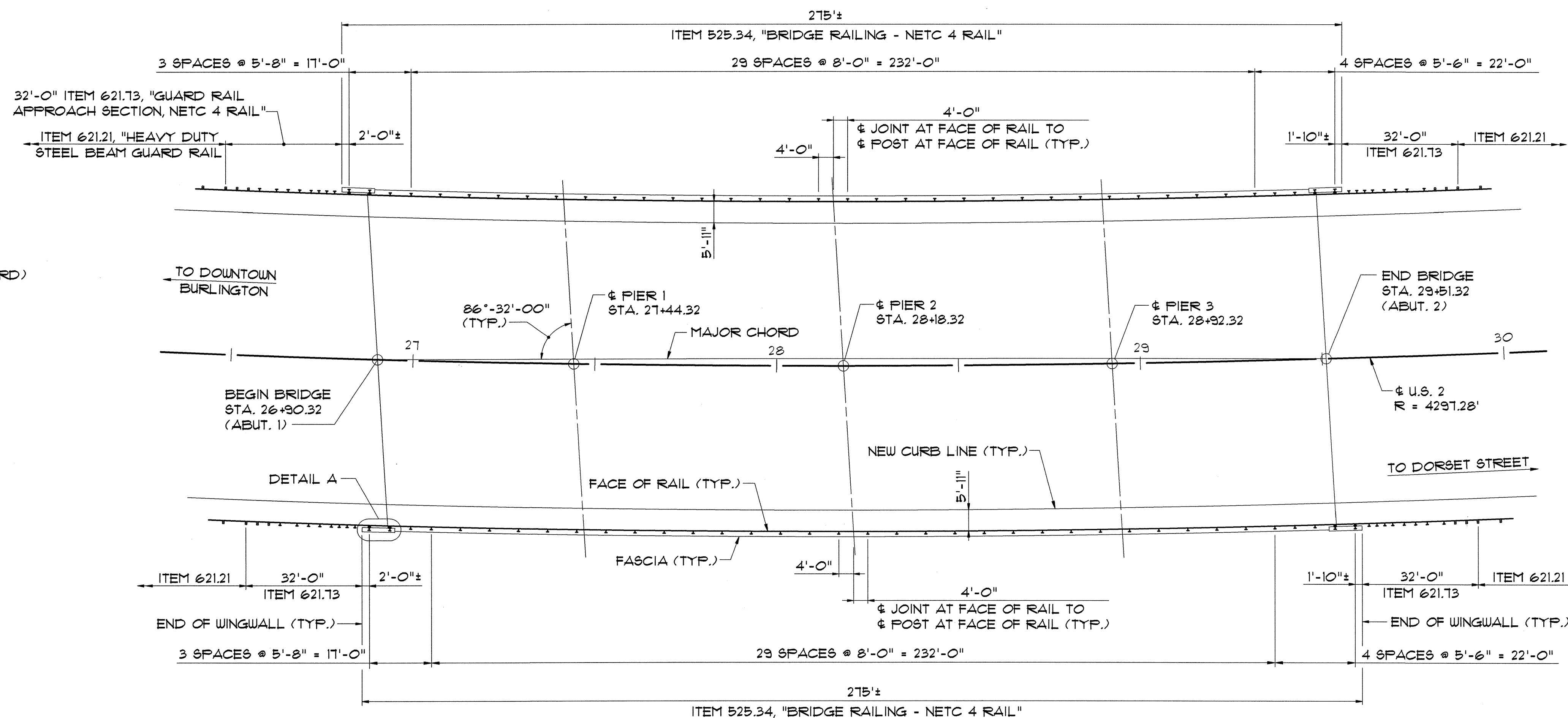
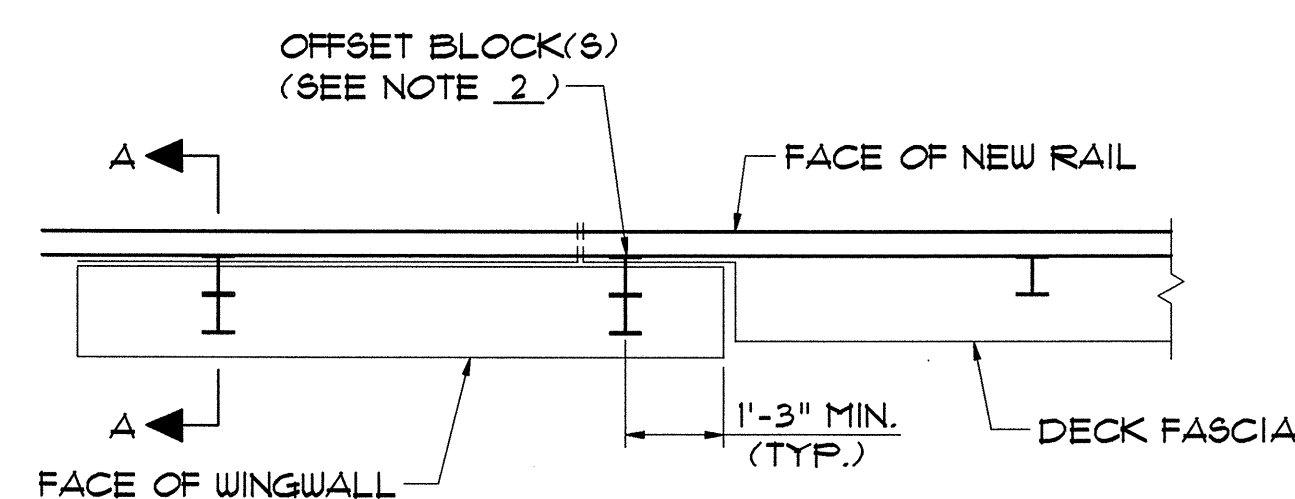


U.S. ROUTE 2
 $\Delta = 9^{\circ}-11'-00''$ LT.
 $D = 1^{\circ}-20'-00''$
 $R = 4297.28'$ (CHORD)
 $T = 345.12'$
 $L = 688.75'$
 $E = 13.84'$



PLAN

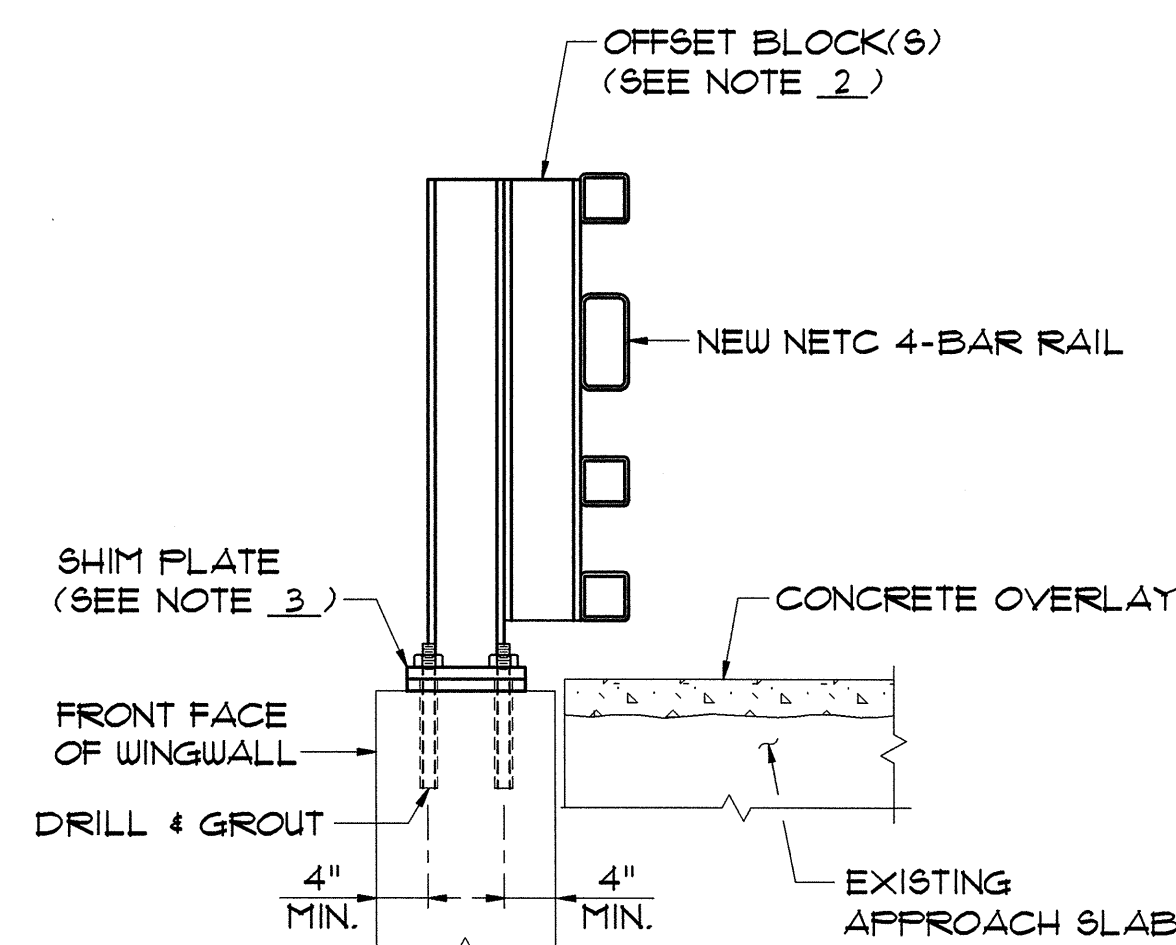
SCALE: 1"=20'



DETAIL A

TYPICAL RAIL TREATMENT AT WINGWALL

SCALE: 3/8"=1'-0"



SECTION A-A

SCALE: 3/4"=1'-0"

NOTES:

1. THE BRIDGE RAIL LAYOUT SHOWN IS BASED ON INFORMATION FROM EXISTING PLANS. THE CONTRACTOR SHALL VERIFY THE PROPOSED BRIDGE RAIL LAYOUT PRIOR TO THE FABRICATION OF BRIDGE RAIL.
2. NEW BRIDGE RAIL POSTS ON EXISTING WINGWALLS SHALL INCLUDE OFFSET BLOCK(S) TO ACCOMMODATE THE PROPOSED FACE OF RAIL. THE CONFIGURATION OF THE OFFSET BLOCK(S) SHALL BE DETERMINED FROM FIELD MEASUREMENTS. DETAILS SHALL BE INCLUDED IN THE BRIDGE RAIL SHOP DRAWINGS. NEW RAIL POSTS SHALL BE POSITIONED ON EXISTING WINGWALLS SO THAT THE RAIL POST ANCHOR BOLTS ARE AT LEAST 4 INCHES AWAY FROM THE FRONT FACE AND BACK FACE OF THE EXISTING WINGWALL MASONRY AS SHOWN ON THIS SHEET.
3. NEW BRIDGE RAIL POSTS ON EXISTING WINGWALLS REQUIRE A SINGLE SHIM PLATE BETWEEN THE 1/8" BEARING PAD AND THE RAIL POST BASE PLATE. THE SHIM PLATE THICKNESS SHALL BE DETERMINED FROM FIELD MEASUREMENTS BASED ON THE INCREASE IN FINISHED GRADE OF THE SIDEWALK AND THE EXISTING ELEVATION OF THE WINGWALL. ANCHOR BOLT LENGTHS FOR POSTS ON WINGWALLS SHALL BE ADJUSTED TO COMPENSATE FOR SHIM PLATE THICKNESS.
4. DRILLING AND GROUTING OF ANCHOR BOLTS INTO THE EXISTING WINGWALL MASONRY SHALL BE PAID AS ITEM 507.16, "DRILLING AND GROUTING DOUELS."
5. SEE SHEET 24 FOR ADDITIONAL NOTES AND DETAILS.

STATE OF VERMONT AGENCY OF TRANSPORTATION

Town Of	SOUTH BURLINGTON	Bridge No.	68
Highway No.	U.S. 2	Log Sta.	
		Surv. Sta.	

U.S. 2 OVER I-89

BRIDGE RAIL LAYOUT

Designed By	T.S. BRYANT	Drawn By	B.J. MASSE
Checked By	S.M. HODGDON	Date	1/00
		Bridge Design Supervisor	C.D. BAKER

PROJECT	SOUTH BURLINGTON	PROJECT NO.	IM DECK (36)
VHB Cad Drawing No.	50929BRL	Date	1/00

Bridge Sheet No.		Sheet	26 of 15
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VANASSE HANGEN BRUSTLIN, INC.