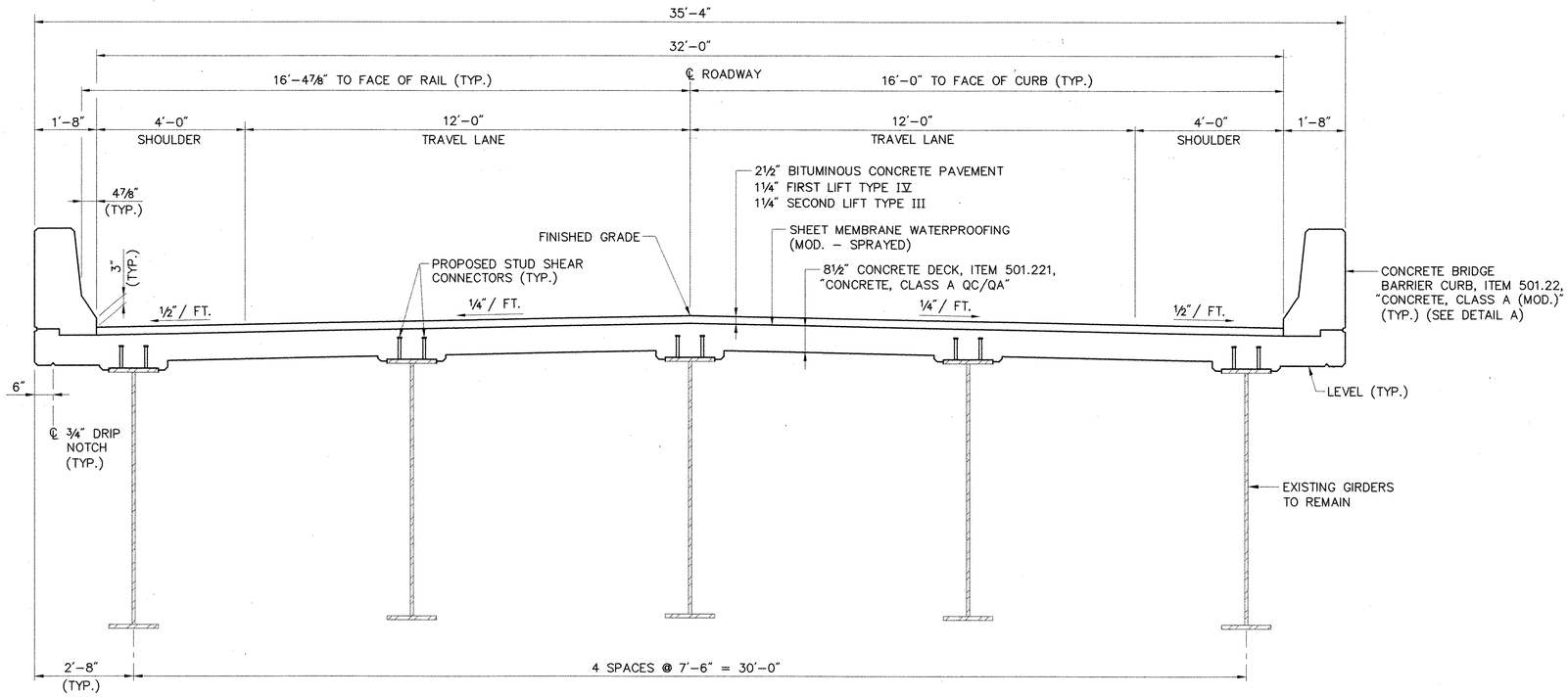
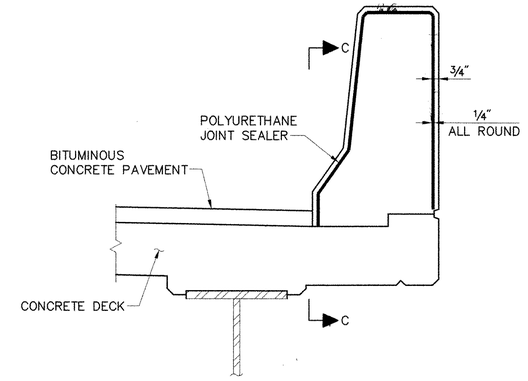


PROPOSED TRANSVERSE SECTION

SCALE: ½" = 1'-0"

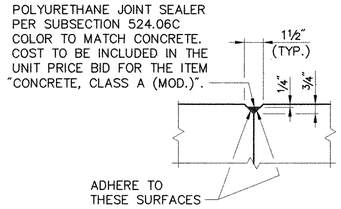


TYPICAL SECTION THROUGH CONCRETE BRIDGE BARRIER CURB CONSTRUCTION JOINT

SCALE: 1" = 1'-0"

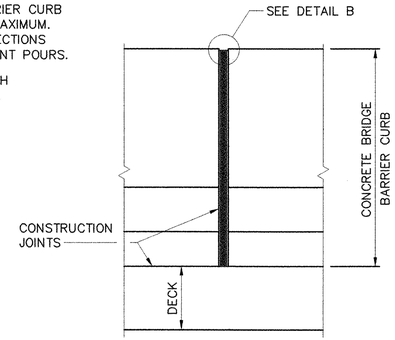
BARRIER CURB CONSTRUCTION JOINT NOTES:

1. CONSTRUCTION JOINTS THROUGH CONCRETE BARRIER CURB SHALL BE SPACED 20'-0" CENTER TO CENTER MAXIMUM. CONCRETE SHALL BE PLACED IN ALTERNATING SECTIONS WITH A MINIMUM OF 48 HOURS BETWEEN ADJACENT POURS.
2. LONGITUDINAL REINFORCING SHALL PASS THROUGH CONCRETE BARRIER CURB CONSTRUCTION JOINTS.



DETAIL B

N.T.S.

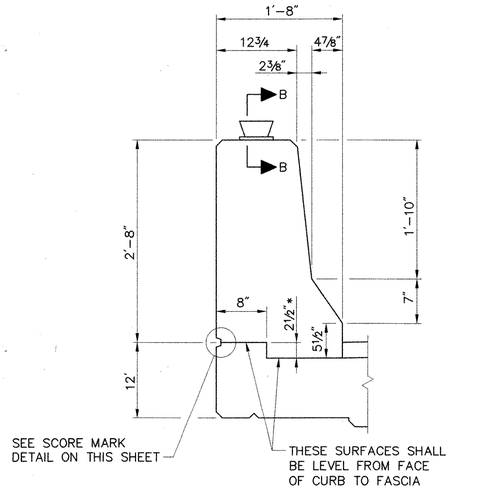


SECTION C–C

SCALE: 1" = 1'-0"

LOAD FACTOR LOAD RATING (TONS)							
LOADING LEVELS (LOAD FACTORS)	TRUCK						
	H	HS	3S2	6 AXLE	3A STR	4A STR	5A SEMI
INVENTORY A=2.17 B=1.00	28	51					
POSTED A=1.55 B=1.40	40	72	114*		124	125	136
OPERATING A=1.30 B=1.67		85	172*	185	147	149	

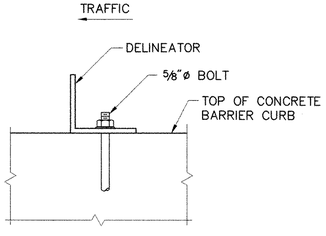
STRENGTH RF= $\frac{\Phi M_N - 1.3M_{DL}}{A \times M_{LL+I}}$ *SERVICEABILITY RF= B $\frac{.95F_y S_{LL+I} - M_{DL}\frac{S_{NET}}{S_{TR}} - M_{SDL}\frac{S_{NET}}{S_{TR}}}{1.67\ M_{LL+I}}$



* THIS KEY IS 2½" INSTEAD OF THE "STANDARD" 2" TO SIMPLIFY FORM WORK AT ABUTMENT EXPANSION JOINTS.

DETAIL A

SCALE: 1" = 1'-0"

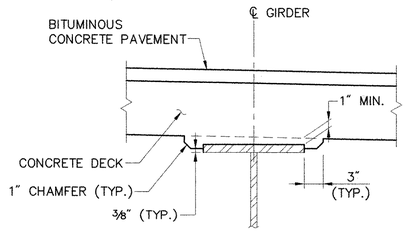


SECTION B–B

N.T.S.

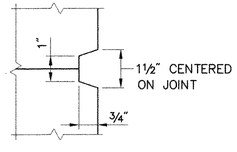
DELINEATOR NOTES:

1. PAYMENT FOR DELINEATOR SHALL BE SUBSIDIARY TO THE ITEM "CONCRETE, CLASS A (MOD.)".
2. DELINEATORS SHALL BE SPACED AT 30' MAX.
3. DELINEATORS SHALL BE AMBER OR WHITE WITH AMBER ON THE MEDIAN SIDE.
4. SEE STANDARD DRAWING G-1 FOR ADDITIONAL DETAILS OF DELINEATOR.



HAUNCH DETAIL

SCALE: 1" = 1'-0"



SCORE MARK DETAIL

N.T.S.

STATE OF VERMONT
AGENCY OF TRANSPORTATION

Town Of HARTFORD	Bridge No. 11N & 11S
	Log Sta.
Highway No. I-89 NB & SB	Surv. Sta.
I-89 NB & SB OVER WHITE RIVER, VT 14 & NECR	
TRANSVERSE SECTION	
Designed By S.M. HODGDON	Drawn By B.J. MASSE
Checked By Date T.S. BRYANT 9/98	Bridge Design Supervisor C.D. BAKER Date 9/98
PROJECT HARTFORD	PROJECT NO. IR 089-1(13)
VHB Cad Filename 50699TRN	
Bridge Sheet No. 5	Sheet 5 of 101

VANASSE HANGEN BRUSTLIN, INC.

PLOTTED 9-22-98