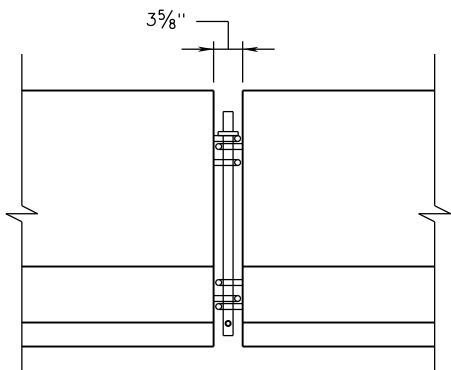
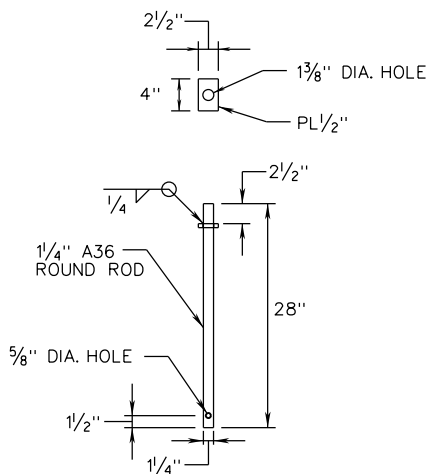


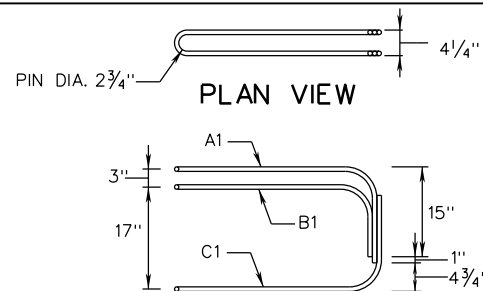
TCB-1



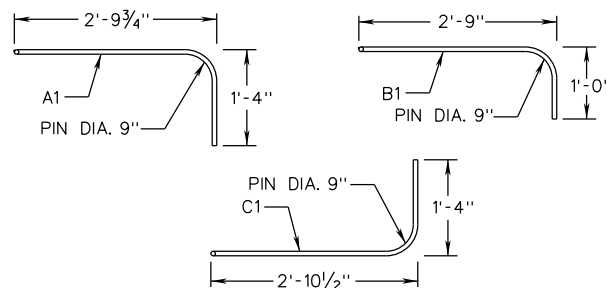
LOOP CONNECTOR JOINT



CONNECTOR PIN



ELEVATION VIEW



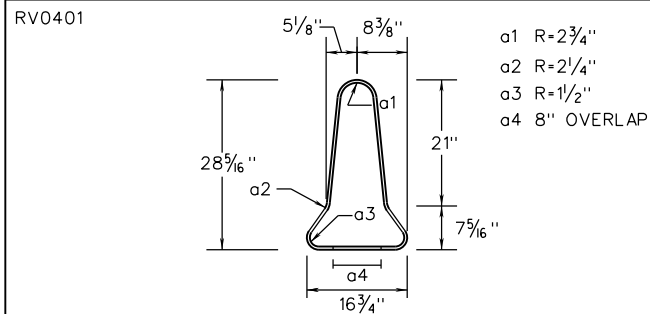
LOOP BAR DETAILS

* FLARE RATES			
DESIGN SPEED	INSIDE SHY LINE	BEYOND SHY LINE	
MPH	SHY LINE LS	FLARE RATE	FLARE RATE
70	10'	30:1	20:1
60	8'	26:1	18:1
50	6.5'	21:1	14:1
40	5'	16:1	10:1
30	3.5'	13:1	8:1

* SUGGESTED MAXIMUM FLARED RATE FOR RIGID BARRIER SYSTEMS.

WHEN USING VDOT STANDARD TCB-1 WITH THE PIN AND LOOP POSITIVE CONNECTION, ALLOW FOR A 6'-8" DYNAMIC DEFLECTION. PROVIDE MIN. 60' OF BARRIER UPSTREAM AND DOWNSTREAM OF WORK ZONE FOR ANCHORAGE. FOR APPROVED NON-VDOT DESIGNS, REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR DEFLECTIONS AND ANCHORAGE.

REINFORCING STEEL & LOOP BAR SCHEDULE



Mark	No.	Size	LengthX	Material
RV0401	14	#4	7'-0"	A615 Gr. 60
ML01	3	#5	12'-2 1/2"	A615 Gr. 60
ML02	6	#4	12'-2 1/2"	A615 Gr. 60
A1	2	#6	7'-11"	A709 Gr. 70 or A706 Gr. 60
B1	2	#6	7'-1"	
C1	2	#6	8'-1/2"	

Dimensions in bending diagram are out-to-out of bars, except as shown. X DENOTES LENGTH OF ONE (1) BAR.



ROAD AND BRIDGE STANDARDS

SHEET 2 OF 3

REVISION DATE

502.05

NEW 04/20

A COPY OF THE ORIGINAL SEALED AND SIGNED DRAWING IS ON FILE IN THE CENTRAL OFFICE.
TEMPORARY CONCRETE BARRIER
 (MASH FREESTANDING PRECAST PIN AND LOOP FOR TEMPORARY USE)
 VIRGINIA DEPARTMENT OF TRANSPORTATION

SPECIFICATION REFERENCE

105
512