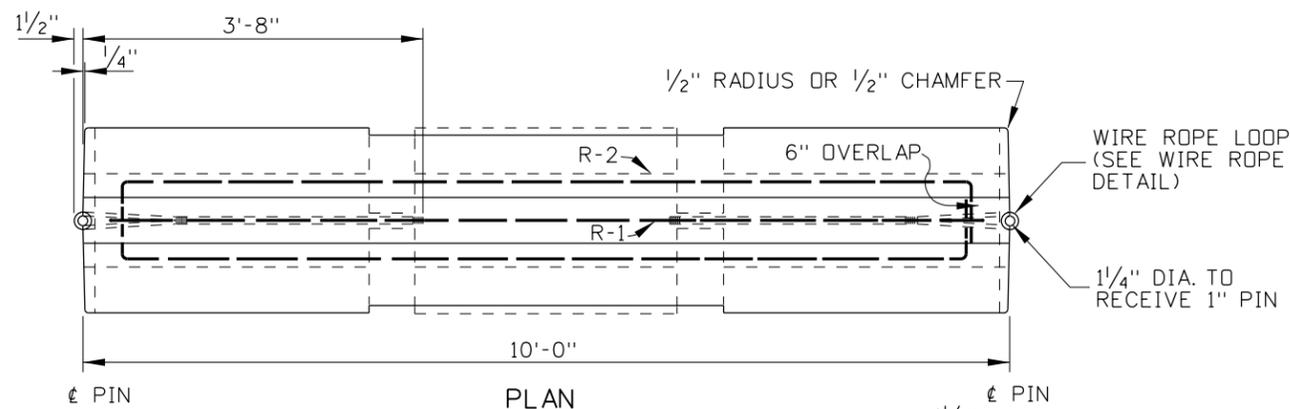
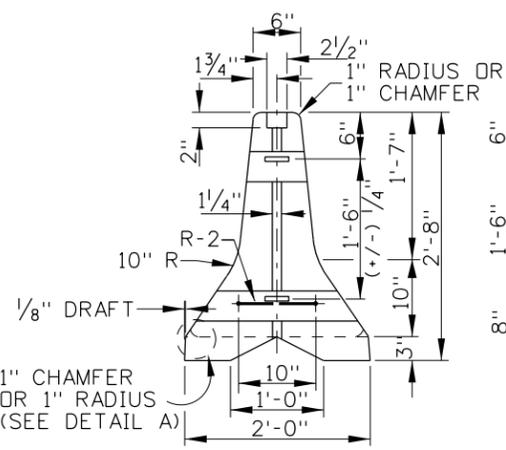


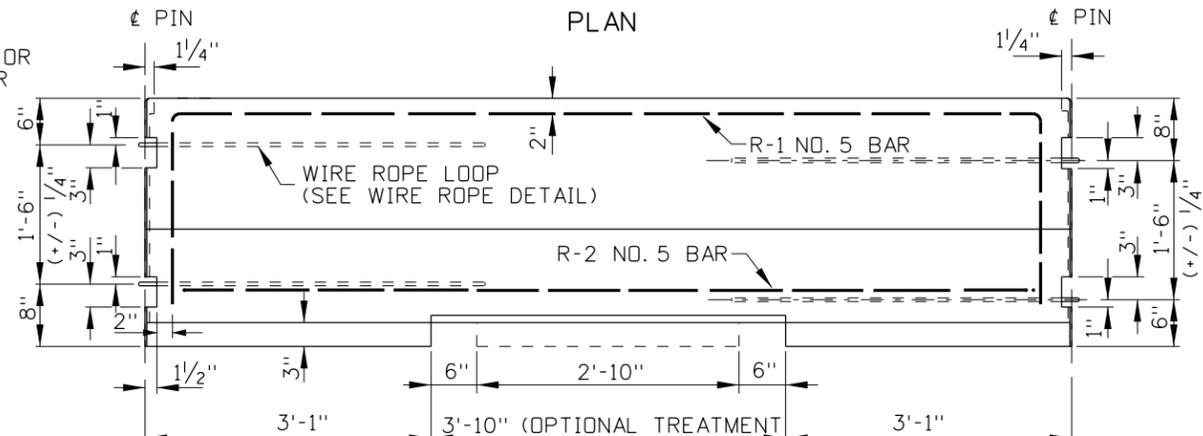
ISOMETRIC VIEW



PLAN

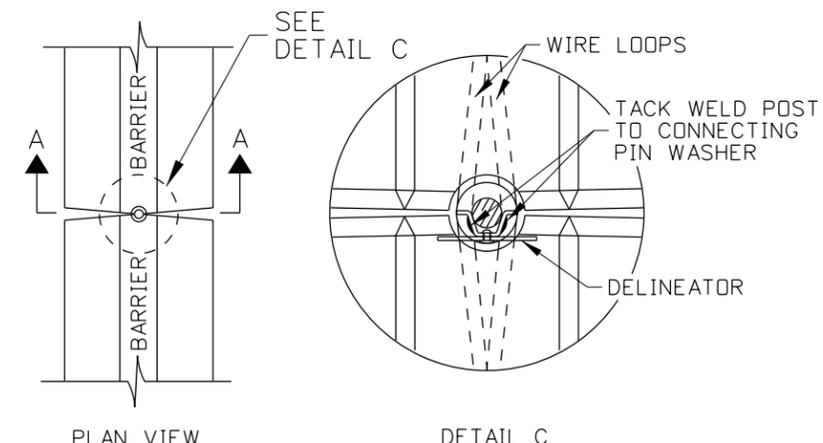


END VIEW



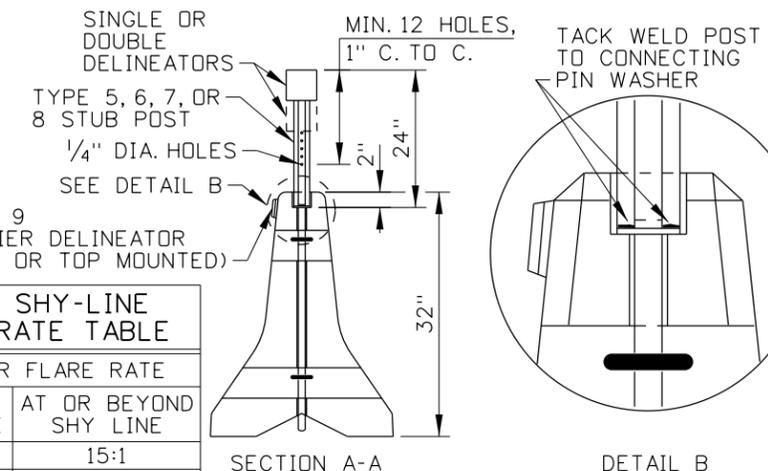
ELEVATION

CONCRETE BARRIER DETAILS



PLAN VIEW

DETAIL C



SECTION A-A

DETAIL B

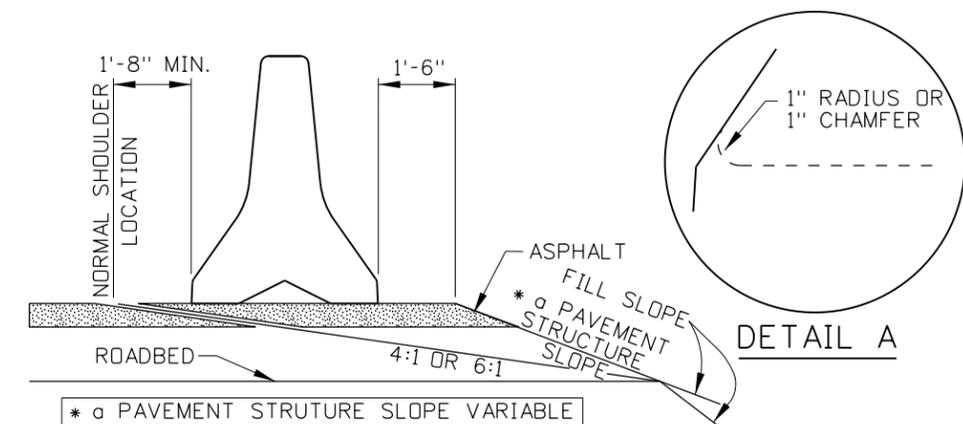
DELINEATOR INSTALLATION

CONCRETE BARRIER SHY-LINE OFFSET AND FLARE RATE TABLE

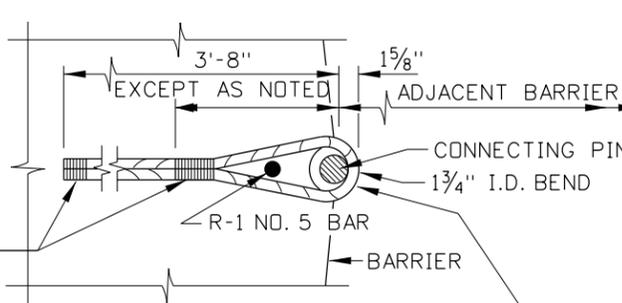
DESIGN SPEED (MPH)	SHY-LINE OFFSET (FT)	BARRIER FLARE RATE	
		INSIDE SHY LINE	AT OR BEYOND SHY LINE
70	9	30:1	15:1
60	8	26:1	14:1
55	7	24:1	12:1
50	6.5	21:1	11:1
45	6	18:1	10:1
40	5	16:1	8:1
30	4	13:1	7:1

NOTES

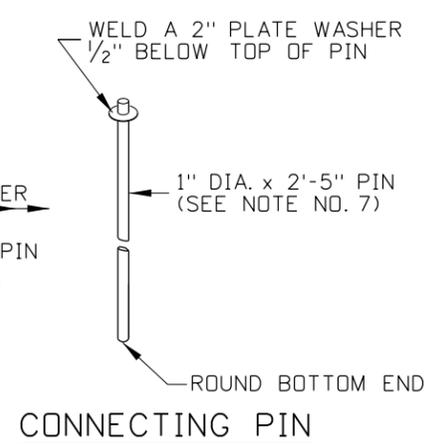
1. THE OLD 10' CONCRETE BARRIER DOES NOT MEET THE TL-3 REQUIREMENTS OF NCHRP REPORT 350 OR MASH. THE BARRIER CAN BE USED TO REPAIR EXISTING INSTALLATIONS OR ON LOW SPEED (POSTED SPEED <45 MPH) NON-NHS ROADS.
2. PRECAST USING CLASS 30 CONCRETE. PROVIDE 2" MINIMUM CONCRETE COVER OVER REINFORCING STEEL.
3. WHEN PREFERRED, THE OPEN BOTTOM PORTION OF THE BARRIER NOTED IN THE ELEVATION VIEW MAY BE FILLED EXCEPT FOR TWO 6" SLOTS WHICH ARE TO BE RETAINED.
4. CLEARLY AND PERMANENTLY STAMP THE MANUFACTURING COMPANY'S NAME AND THE DATE (YEAR) OF MANUFACTURE. STAMP WITH 2" BLOCK LETTERING THAT IS 1/4" WIDE AND 1/4" DEEP. WHEN THE COMPANY HAS MORE THAN ONE PLANT, INDICATE THE SPECIFIC LOCATION OF MANUFACTURING PLANT.
5. ENSURE THAT THE STEEL CONNECTOR PIN CONFORM WITH ASTM A 36 REQUIREMENTS.
6. WHEN INTRODUCING THE CONCRETE BARRIER, FLARE THE BARRIER IN ACCORDANCE WITH THE CONCRETE BARRIER SHY-LINE OFFSET AND FLARE RATE TABLE.
7. NOT TO SCALE.



LOCATION OF BARRIER AT SHOULDER



WIRE ROPE DETAIL



CONNECTING PIN

1/2" DIA. 6x19 OR 6x25 - IMPROVED PLOW STEEL W/IND. WIRE ROPE CORE 5/8" DIA. - IMPROVED PLOW STEEL W/IND. FIBER CORE

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	
DESIGN CHECKED	
DETAILED	
DRAWING CHECKED	

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  
 CADD FILE NAME: q2a\_0314.dgn  
 DRAWING DATE:  



PROJECT NO.  

PROJECT PLAN SHEET  
**OLD 10' CONCRETE BARRIER**

**English**  
 COUNTY    
 KEY NUMBER    
 SHEET  OF  

NOT APPROVED  
 PRELIMINARY  
 FOR CONSTRUCTION