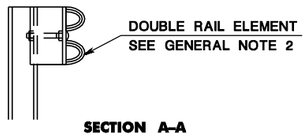
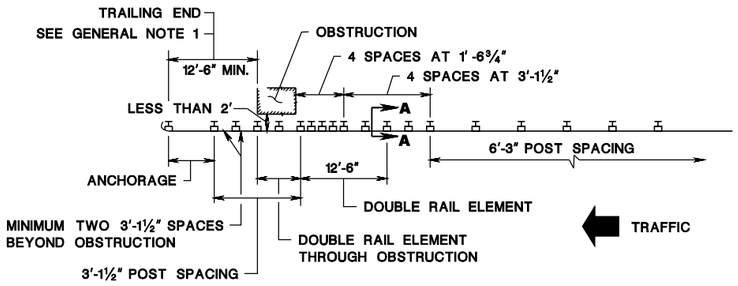
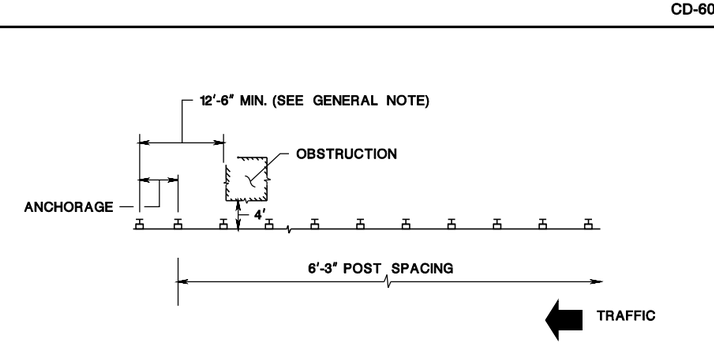


SECTION A–A



WHERE CLEARANCE FROM BACK OF RAIL TO OBSTRUCTION IS LESS THAN 2'

CD-609-8.1



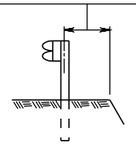
WHERE CLEARANCE FROM BACK OF RAIL TO OBSTRUCTION IS MORE THAN 2' BUT LESS THAN 4'

CD-609-8.2

WHERE CLEARANCE FROM BACK OF RAIL TO OBSTRUCTION IS 4' OR GREATER

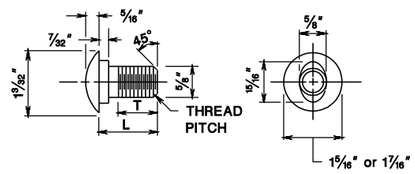
CD-609-8.3

IF LESS THAN 2'	
SLOPES	ADDITIONAL POST LENGTH FEET
FLATTER THAN 6H:1V	NO CHANGE
6H:1V TO 4H:1V	1'
3H:1V TO 2H:1V	2'
STEEPER THAN 2H:1V	4'



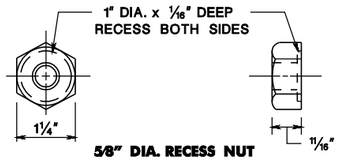
ADDITIONAL LENGTH BEAM GUIDE RAIL POSTS

CD-609-8.4



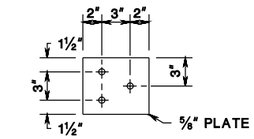
5/8" BUTTON HEAD BOLT

TYPE	L	MIN. THREAD LENGTH
SPLICE	1⅜"	1 3/16"
RAIL	2"	1½"

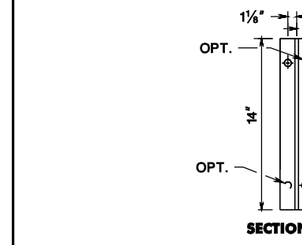


5/8" DIA. RECESS NUT

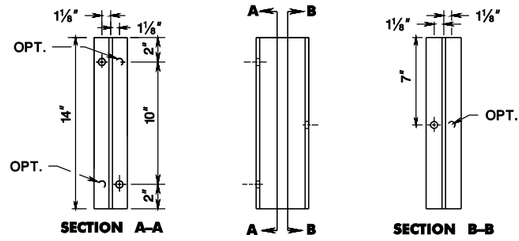
SPLICE AND RAIL NUT AND BOLT



RUB RAIL BACKUP PLATE



DETAIL B

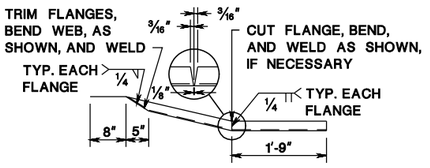


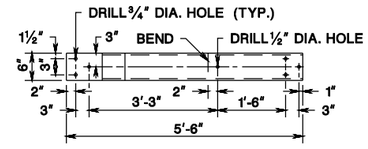
SECTION A–A SECTION B–B

ALL HOLES 13/16" DIA.

6" x 4" STEEL I 8.5# OR 9#

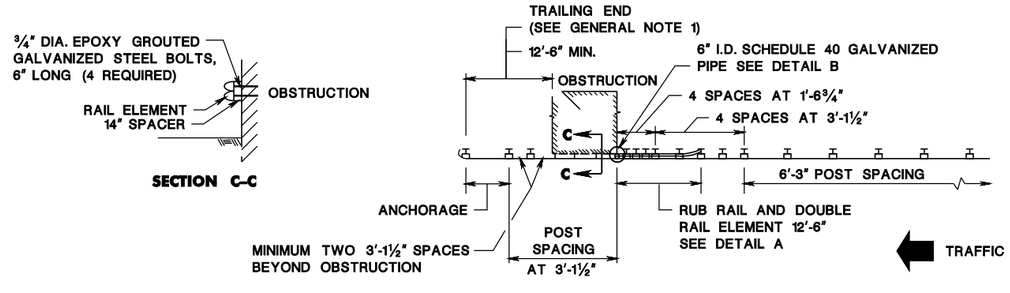
14" SPACER





DETAIL A

C6 x 8.2 RUB RAIL



SECTION C–C

WHERE RAIL ELEMENT WITH SPACER IS ATTACHED TO OBSTRUCTION

CD-609-8.5

GENERAL NOTES:

1. WHERE A CRASHWORTHY END TREATMENT IS SHOWN AT THE TRAILING END ON THE PLANS, THE POST SPACING AND DOUBLE RAIL ELEMENT FOR THE GUIDE RAIL TO BE THE SAME AS THE APPROACH END.
2. WHERE DOUBLE RAIL ELEMENT IS REQUIRED, PLACE ADDITIONAL RAIL ELEMENT BEHIND THE CONTINUOUS FRONT RAIL.

CD-609-8.6

BEAM GUIDE RAIL END TREATMENT

N.T.S.

CD-609-8

NEW JERSEY DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

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