

PLAN-ANCHOR RECESS

FOR ANCHORING IN CONCRETE SLABS, -
THE TIP MAY BE OMITTED.



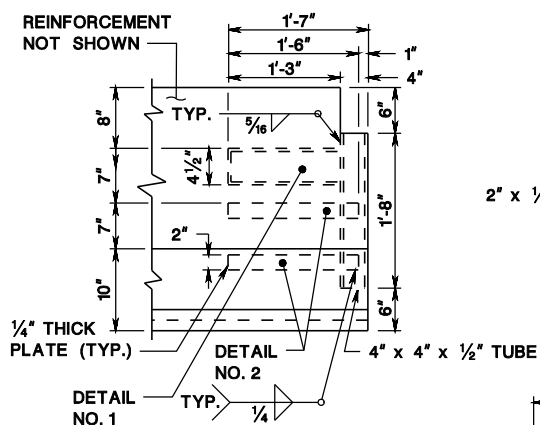
ANCHOR PIN

ATTACHMENT TYPE	TABLE OF JOINT AND ANCHORAGE TREATMENTS FOR CONSTRUCTION BARRIER CURB
A	CONNECTION KEY AND BARRIER END SECTIONS FULLY PINNED*
B	CONNECTION KEY, 6" X 6" BOX BEAM, NON-SHRINK GROUT EVERY JOINT, AND BARRIER END SECTIONS FULLY PINNED
C	CONNECTION KEY, NON-SHRINK GROUT EVERY JOINT, TRAFFIC SIDE OF ALL SECTIONS PINNED, AND BARRIER END SECTIONS FULLY PINNED*

***FULLY PINNED - PINS IN EVERY ANCHOR RECESS ON BOTH SIDES**

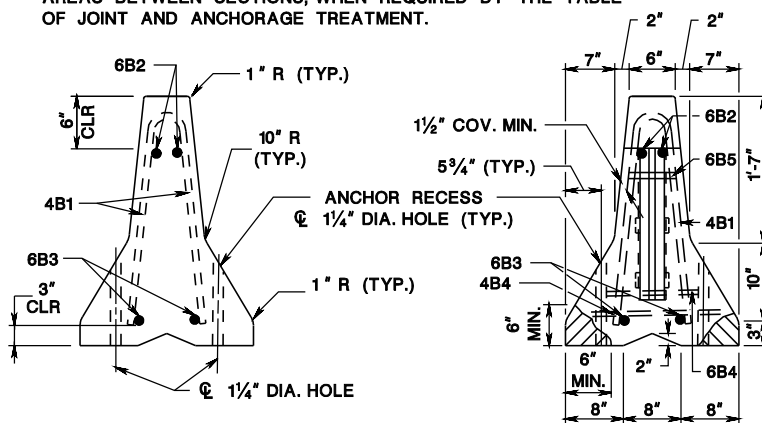
TABLE OF VARIABLE REINFORCEMENT STEEL				
NOMINAL LENGTH OF BARRIER UNIT	MARK	"X"	NO. EACH	SECTION
20'	4B4	N.A.	9	
20'	4B5	6'-11"	2	
18'	4B4	N.A.	8	
18'	4B5	6'-5"	2	
16'	4B4	N.A.	7	
16'	4B5	5'-11"	2	
14'	4B4	N.A.	6	
14'	4B5	7'-0"	1	
12'	4B4	N.A.	5	
12'	4B5	6'-0"	1	
10'	4B4	N.A.	4	
10'	4B5	5'-0"	1	
8'	4B4	N.A.	3	
8'	4B5	-	0	
"X" DISTANCE FROM END OF BARRIER TO 4B5 REINFORCEMENT STEEL				

CONSTRUCTION BARRIER CURB CONNECTION DETAILS

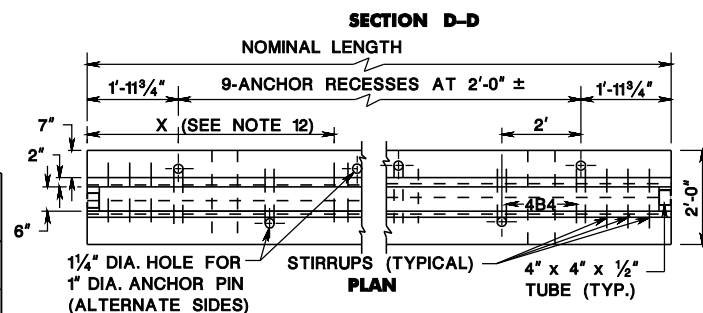


ELEVATION

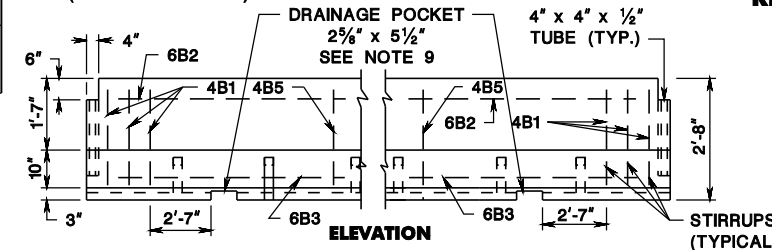
FOR SECTION D-D, PLACE NON-SHRINK GROUT IN HATCHED AREAS BETWEEN SECTIONS, WHEN REQUIRED BY THE TABLE OF JOINT AND ANCHORAGE TREATMENT.



SECTION A-A

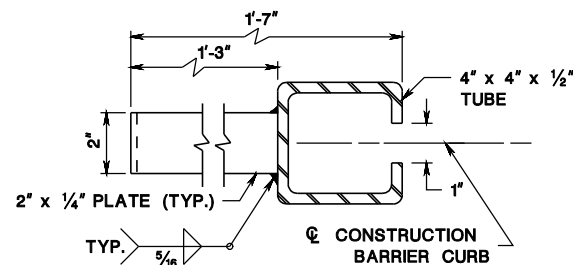


PLAN

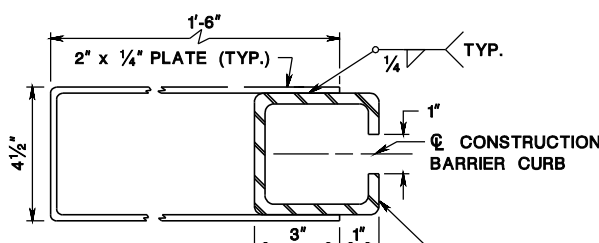


CONSTRUCTION BARRIER CURB

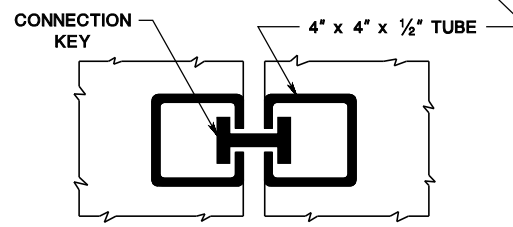
REINFORCEMENT STEEL LIST (EACH BARRIER SECTION)								
MARK	SIZE	NUMBER IN EACH SECTION	LENGTH	TYPE	A	B	C	LOCATION
4B1	#13	6	4'-11"	I	5"	26"	2"	STIRRUPS
4B4	#13	SEE NOTE 12	3'-1"	II	15½"	4"		STIRRUPS
4B5	#13	SEE NOTE 12	4'-11"	I	5"	26"	2"	STIRRUPS
6B2	#19	2	SEE NOTE 12	STR.				LONGITUDINAL (TOP) NORMAL SECTION
6B3	#19	2	SEE NOTE 12	STR.				LONGITUDINAL (BOTTOM) NORMAL SECTION
6B4	#19	2	1'-2"	STR.				TRANSVERSE (BOTTOM) NORMAL SECTION
6B5	#19	2	0'-6"	STR.				TRANSVERSE (TOP) NORMAL SECTION



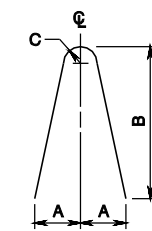
**PLAN VIEW
DETAIL NO. 1**



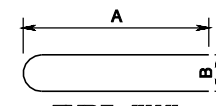
**PLAN VIEW
DETAIL NO. 2**



KEY IN PLACE



TYPE "I" REINFORCEMENT STEEL



TYPE "II" REINFORCEMENT STEEL

NOTE A

ENSURE THAT THE LENGTH OF THE ANCHOR PIN IS SUCH THAT THE FOLLOWING MINIMUM EMBEDMENT LENGTH ARE OBTAINED:

- (a) INTO CONCRETE PAVEMENT 0'-5"
(b) INTO FLEXIBLE PAVEMENT 1'-6"
(c) INTO UNPAVED AREA 2'-6"

WHEN ANCHOR PINS ARE IN PLACE, THEY WILL NOT PROJECT ABOVE THE PLANE OF THE CONCRETE SURFACE OF THE BARRIER.

HOLES, WHEN ALLOWED, IN BRIDGE DECKS TO BE 1¼" DIAMETER MAXIMUM AND MADE WITH A CORE DRILL OR ANY OTHER APPROVED ROTARY DRILLING DEVICE THAT DOES NOT IMPART AN IMPACT FORCE.

NOTE B
FOR INSTALLATION ON BRIDGE DECKS, WHEN ALLOWED, REFER TO BRIDGE PLANS FOR NECESSARY MODIFICATIONS AS REQUIRED AND GENERAL NOTE 15.

NOTE:
REINFORCEMENT STEEL IS IN METRIC UNITS.

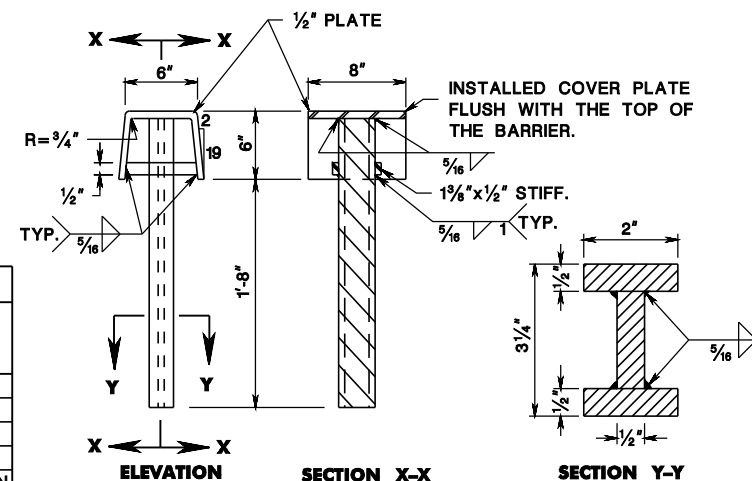
**CONSTRUCTION BARRIER CURB
(ALTERNATE A)
(MASH TL-3)**

N.T.S

CD-159-4

NEW JERSEY DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS



CONNECTION KEY

CD-159-4.1