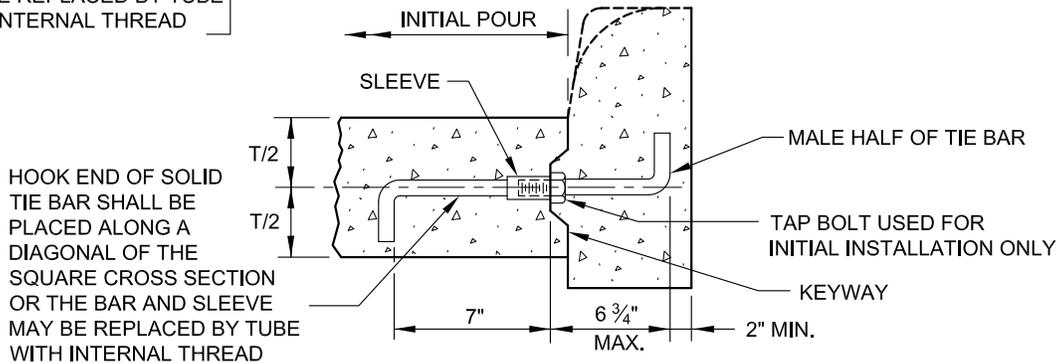


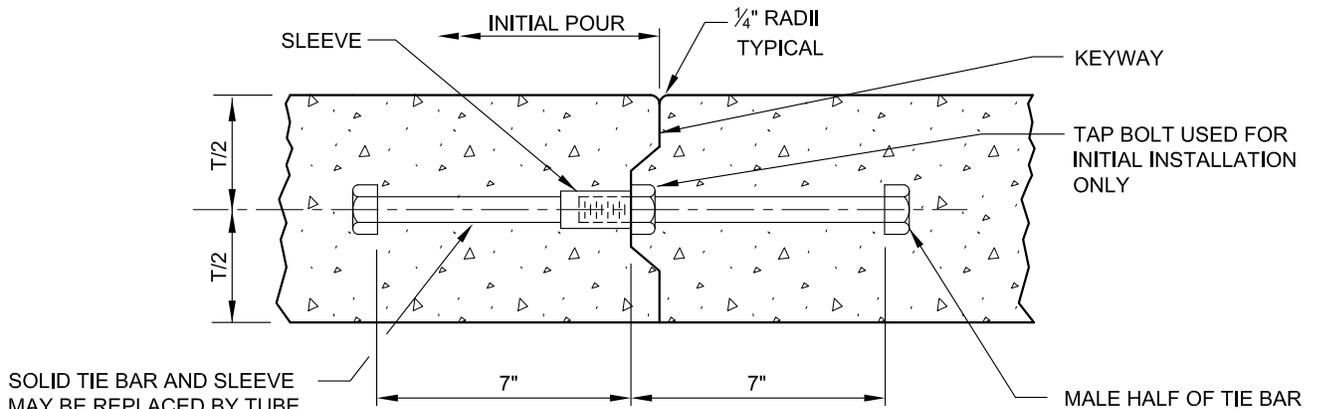
LONGITUDINAL TIE DEVICE - TYPE 'A'

HOOKED END OF SOLID TIE-BAR SHALL BE PLACED ALONG A DIAGONAL OF THE SQUARE CROSS-SECTION OR THE BAR AND SLEEVE MAY BE REPLACED BY TUBE WITH INTERNAL THREAD



LONGITUDINAL TIE DEVICE - TYPE 'A' MODIFIED

HOOK END OF SOLID TIE BAR SHALL BE PLACED ALONG A DIAGONAL OF THE SQUARE CROSS SECTION OR THE BAR AND SLEEVE MAY BE REPLACED BY TUBE WITH INTERNAL THREAD



LONGITUDINAL TIE DEVICE - TYPE 'B'

SOLID TIE BAR AND SLEEVE MAY BE REPLACED BY TUBE WITH INTERNAL THREAD

MATERIAL

MALLEABLE IRON OR STEEL. SEE SPECS. OR SPECIAL PROVISIONS FOR TOTAL STRENGTH REQUIREMENTS

GENERAL NOTES

ANY SIMILAR DEVICE MAY BE SUBMITTED FOR CONSIDERATION OF THE ENGINEER. IF THE GENERAL TYPE OF A SUBSTITUTION IS APPROVED, THE DEVICE MUST STILL MEET THE STRENGTH REQUIREMENTS APPEARING IN THE SPECIFICATIONS OR SPECIAL PROVISIONS.

THE PORTION OF THE DEVICE INITIALLY INSTALLED MUST BE HELD FIRMLY IN PLACE BY TAP-BOLTS INSERTED THROUGH DRILLED HOLES. IF HOLES IN THE FORMS HAVE BEEN FORMED BY ANY OTHER METHOD THAN DRILLING, THEN STEEL WASHERS MUST BE USED, IN ADDITION TO THE TAP-BOLTS, AS DIRECTED BY THE ENGINEER.

TIE-BAR DEVICE TO BE CENTERED IN KEYWAY, SEE BC 572.92-2 FOR KEYWAY SECTION.



APPROVED:
Primal Dev...
 DIVISION CHIEF, TRANSPORTATION ENGINEERING AND CONSTRUCTION
Khalil Z...
 DIRECTOR, DEPARTMENT OF TRANSPORTATION

CITY OF BALTIMORE
DEPARTMENT OF TRANSPORTATION
TRANSPORTATION ENGINEERING AND CONSTRUCTION

LONGITUDINAL TIE DEVICES

ISSUED	REVISED	REVISED
8 / 2010		
STANDARD NO. BC 572.61-1		
SCALE : NONE	SHEET 1 OF 2	