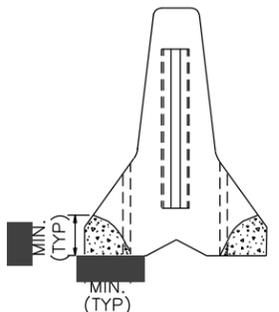


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DESIGNED BY: IA

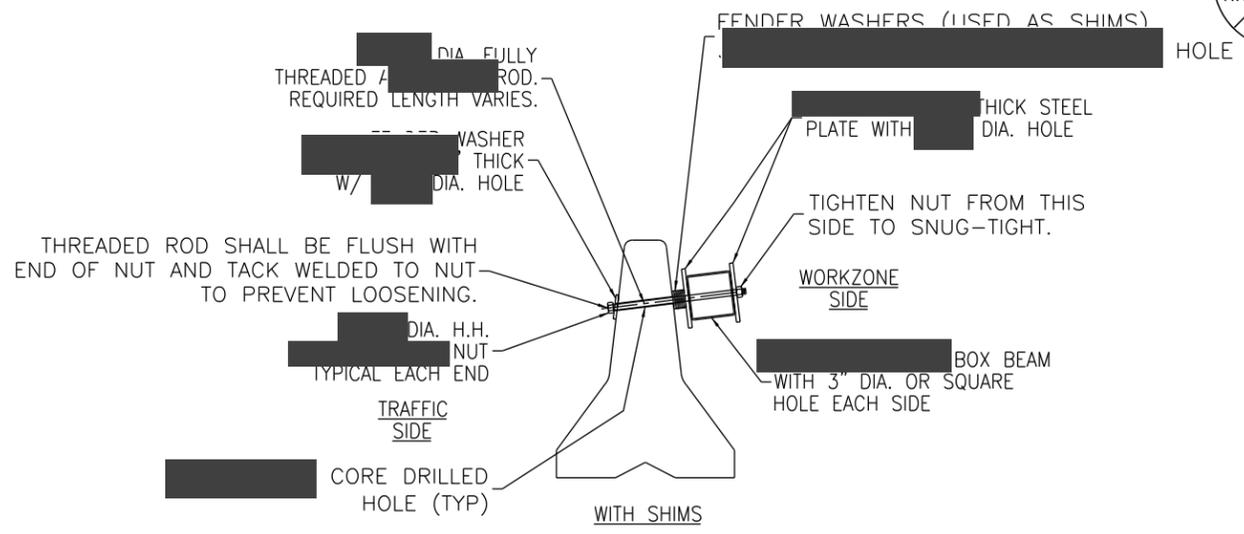
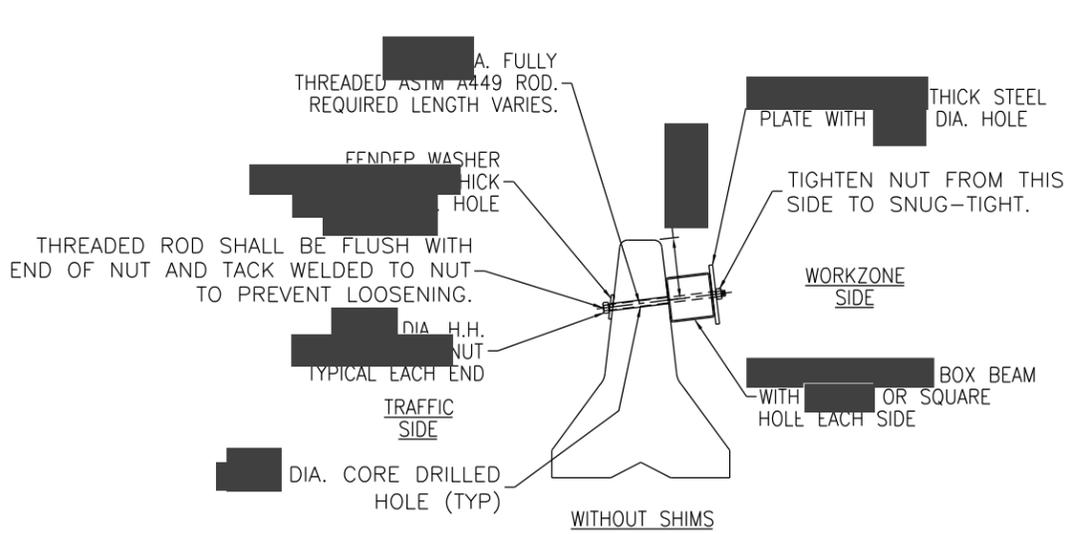
IN CHARGE OF: IA



PLACE GROUT IN SHADED AREAS WHERE INDICATED ON THE PLANS.

**JOINT GROUTING DETAIL FOR  
TEMPORARY CONCRETE BARRIER**

SCALE: 1" = 1'-0"



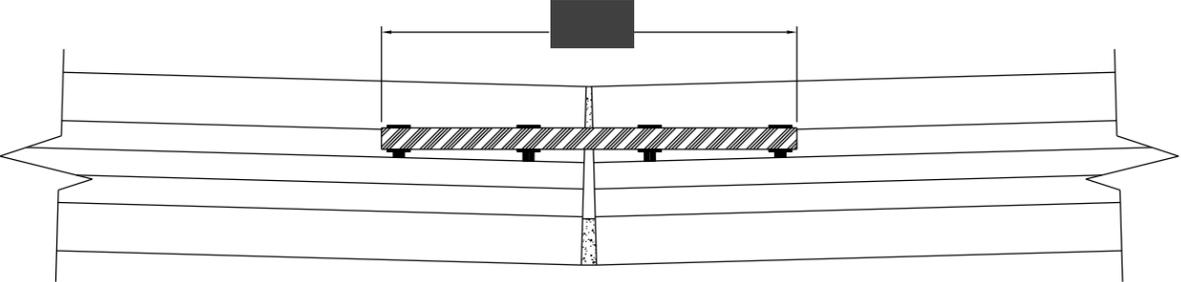
**BOX BEAM CONNECTION SECTION ON  
TEMPORARY CONCRETE BARRIER**

**NOTES:**

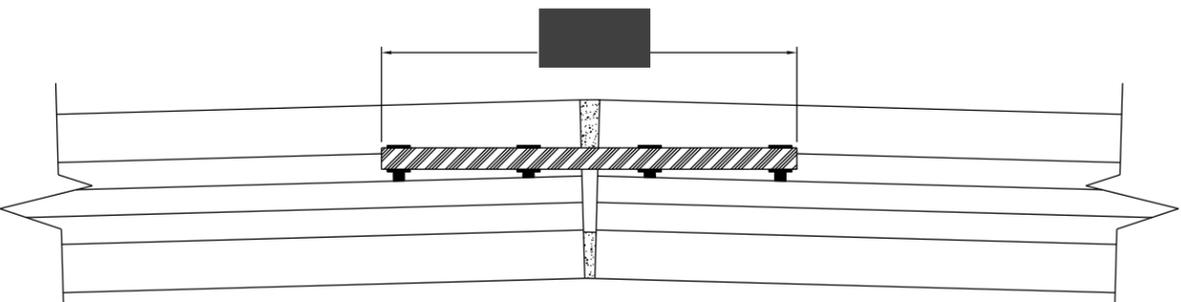
1. BOXBEAM RAIL REINFORCEMENT SHALL BE ATTACHED AS SHOWN ON THIS SHEET AT EVERY TCB JOINT AS SPECIFIED IN THESE PLANS. THE COST OF ALL MATERIALS AND LABOR SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 619.1705--25 BOX BEAM STIFFENING OF TEMPORARY CONCRETE BARRIER.
2. SEE TRAFFIC CONTROL PLANS FOR DETAILED STAGING.
3. SEE ELEVATION ON THIS SHEET FOR LOCATION OF BOXBEAM AT BARRIER JOINTS.
4. BOX BEAM RAIL AND HARDWARE SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 710-21 "BOX BEAM GUIDE RAILING AND MEDIAN BARRIER" OF THE STANDARD SPECIFICATIONS UNLESS OTHERWISE SPECIFIED ON THESE PLANS.
5. GROUT MATERIAL SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 701-05 "CONCRETE GROUTING MATERIAL" OF THE STANDARD SPECIFICATIONS.
6. BOX BEAM STIFFENING SHALL BEGIN [REDACTED] BEFORE AND EXTEND TO [REDACTED] BEYOND WHERE REQUIRED FOR LIMITED DEFLECTION. THE FIRST AND LAST STIFFENED TCB SECTIONS SHALL BE PINNED WITH FOUR PINS ON THE CONSTRUCTION SIDE OF THE BARRIER.
7. THE MINIMUM LENGTH OF TEMPORARY CONCRETE BARRIER SECTIONS TO BE STIFFENED WITH THE BOX BEAM RAIL SHALL BE [REDACTED].
8. THE MINIMUM RADII OF CURVED APPLICATIONS SHALL BE 161 FEET FOR 14 FOOT SECTIONS; [REDACTED] FECTIONS; [REDACTED] SECTIONS; AND [REDACTED] FOOT SECTIONS.
9. WHERE PLACED ON A RADIUS, GAPS AT RAIL CONNECTIONS SHALL BE SHIMMED AS NEEDED, AS SHOWN ABOVE AND AT LEFT.
10. AFTER A BARRIER UNIT HAS BEEN PLACED AND THE CONNECTION KEY INSERTED, REMOVE ANY SLACK IN THE JOINT BY PULLING A UNIT IN A DIRECTION PARALLEL TO ITS LONGITUDINAL AXIS MAXIMIZING THE GAP BETWEEN BARRIER SECTIONS.
11. AFTER BARRIER HAS BEEN PLACED AS DESCRIBED IN #10 ABOVE, BARRIER SHALL BE PINNED AS SPECIFIED IN THESE PLANS.
12. AFTER BARRIER HAS BEEN PLACED AS DESCRIBED IN #10 ABOVE, BARRIER SHALL BE GROUTED AS SPECIFIED IN THESE PLANS.
13. AFTER BARRIER HAS BEEN PLACED AS DESCRIBED IN #10 ABOVE, BARRIER SHALL BE STIFFENED AS SPECIFIED IN THESE PLANS.
14. THE COST FOR GROUTING THE JOINTS IN THE BARRIER SHALL BE INCLUDED IN THE PRICE BID FOR THE VARIOUS TEMPORARY CONCRETE BARRIER ITEMS.
15. GROUTING OF THE BARRIER JOINTS AS INDICATED ON THE PLANS IS REQUIRED. THIS WORK SHALL NOT BE DELETED FROM THE PROJECT AT ANY LOCATION.

PE STAMP &  
SIGNATURE ARE  
NOT REQUIRED  
ON THIS SHEET.

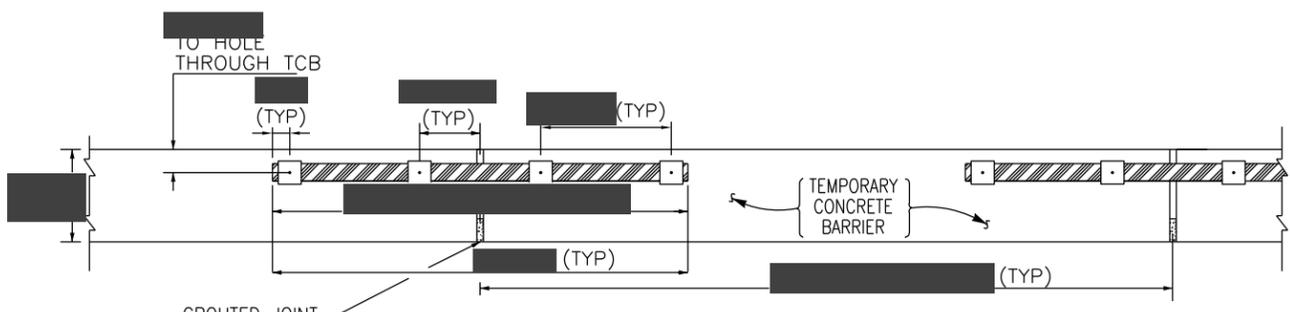
**NOTE**  
**SCALE REDUCTION**  
THESE REDUCED PLANS MAY NOT  
BE EXACTLY TO SCALE. ALL  
INDICATED SCALES ARE REDUCED  
TO APPROXIMATELY HALF SIZE.



PLAN VIEW - TCB CONVEX TO TRAFFIC - N.T.S.



PLAN VIEW - TCB CONCAVE TO TRAFFIC - N.T.S.



**TYPICAL ELEVATION OF  
BOX BEAM ON TEMPORARY CONCRETE BARRIER**

DATE	DESCRIPTION	BY	SYM.
<b>REVISIONS</b>			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT		TITLE OF PROJECT	
LOCATION OF PROJECT		LOCATION OF PROJECT	
TITLE OF DRAWING			
<b>TEMP. CONCRETE BARRIER BOX BEAM STIFFENING AND JOINT GROUTING</b>			
CONTRACT NUMBER:		TA#	
DATE:		7/10	
DRAWING NUMBER:		XXX	

