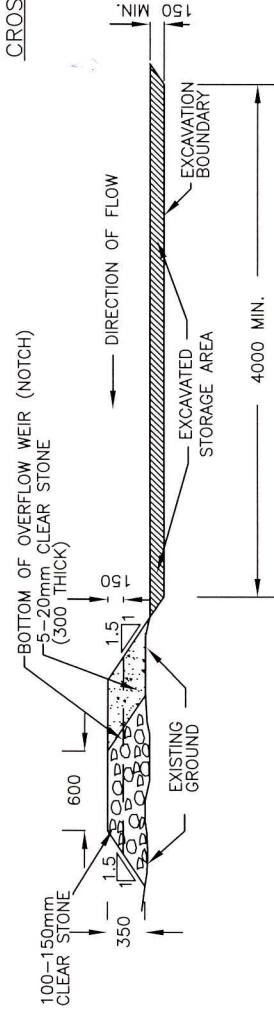
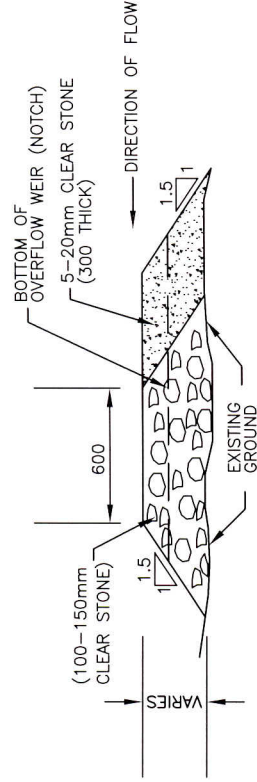
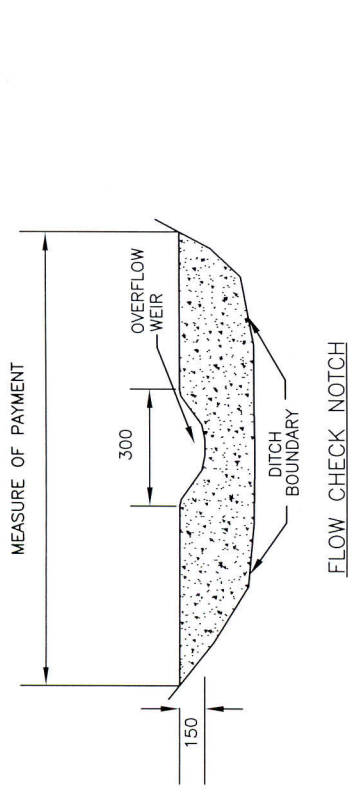
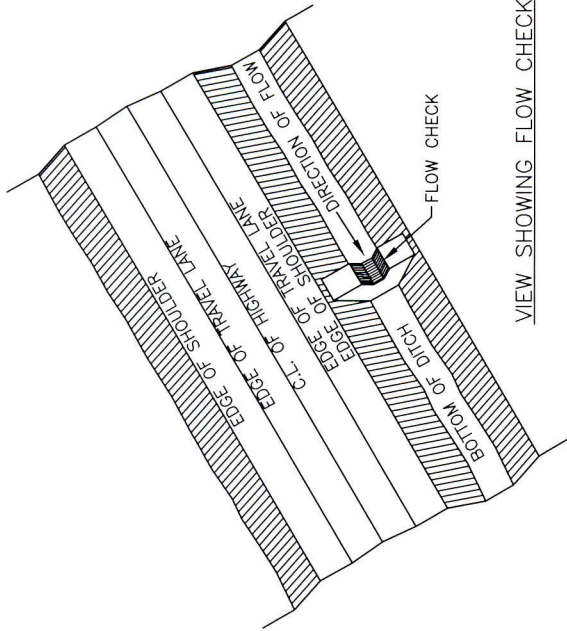


APPENDIX C

Nova Scotia Department of Transportation and Infrastructure Renewal-
Standard Details Referenced



CROSS SECTION OF FINISHED FLOW CHECK

NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED

Manager Environmental Services
Manager Environmental Services
Director Highway Engineering Services
Director Highway Engineering Services
Executive Director Highway Engineering and Construction
Executive Director Highway Engineering and Construction

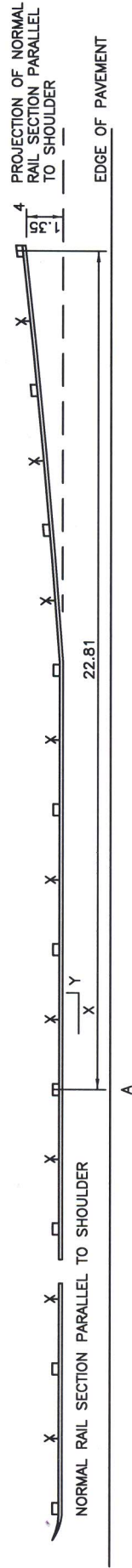
NOVA SCOTIA
Transportation and Infrastructure Renewal

Scale : N.T.S.
Drawn by : M.BARTEAUX
Checked by : B.PETT
Date of Plan : AUG2009
File No. : S-2009-138

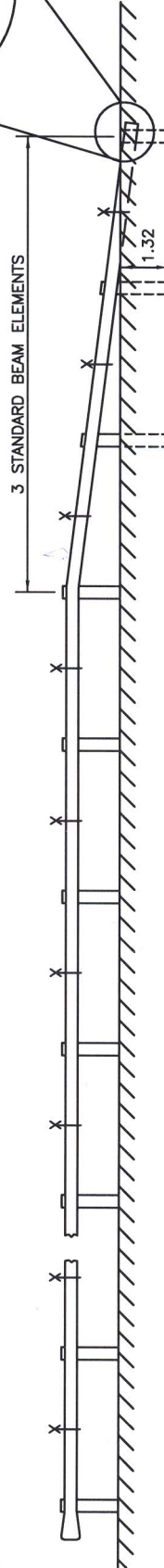
ROCK FLOW CHECKS
HS707

No. REVISION

POST OFFSET TABLE		
FILL OR CUT		
X	Y	Y ³
3.81	0.04	
7.62	0.15	
11.42	0.34	
15.22	0.60	
19.02	0.94	
22.81	1.35	



PLAN - FILL OR CUT
DIVIDED HIGHWAY⁵



ELEVATION
DIVIDED HIGHWAY⁵

1. FOR STRONG POST SYSTEM, ADD POST AT POINT "X"
2. THIS STANDARD DRAWING IS NOT APPLICABLE TO NEW 100 SERIES HIGHWAY CONSTRUCTION WHERE ENERGY ABSORBING GUARD RAIL TERMINALS (EAGRT) SYSTEMS ARE SPECIFIED.
3. MEASURED FROM FACE OF RAIL BASED ON NORMAL RAIL SECTION PARALLEL TO SHOULDER AT A.
4. GUARD RAIL MAY BE PLACED AS PRACTICABLE FROM EDGE OF SHOULDER. IN NO CASE MAY GUARD RAIL BE PLACED DOWN THE SLOPE.
5. FOR 2-LANE/ 2-WAY ROADWAYS, BURY BOTH ENDS OF GUARD RAIL.
6. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE NOTED.

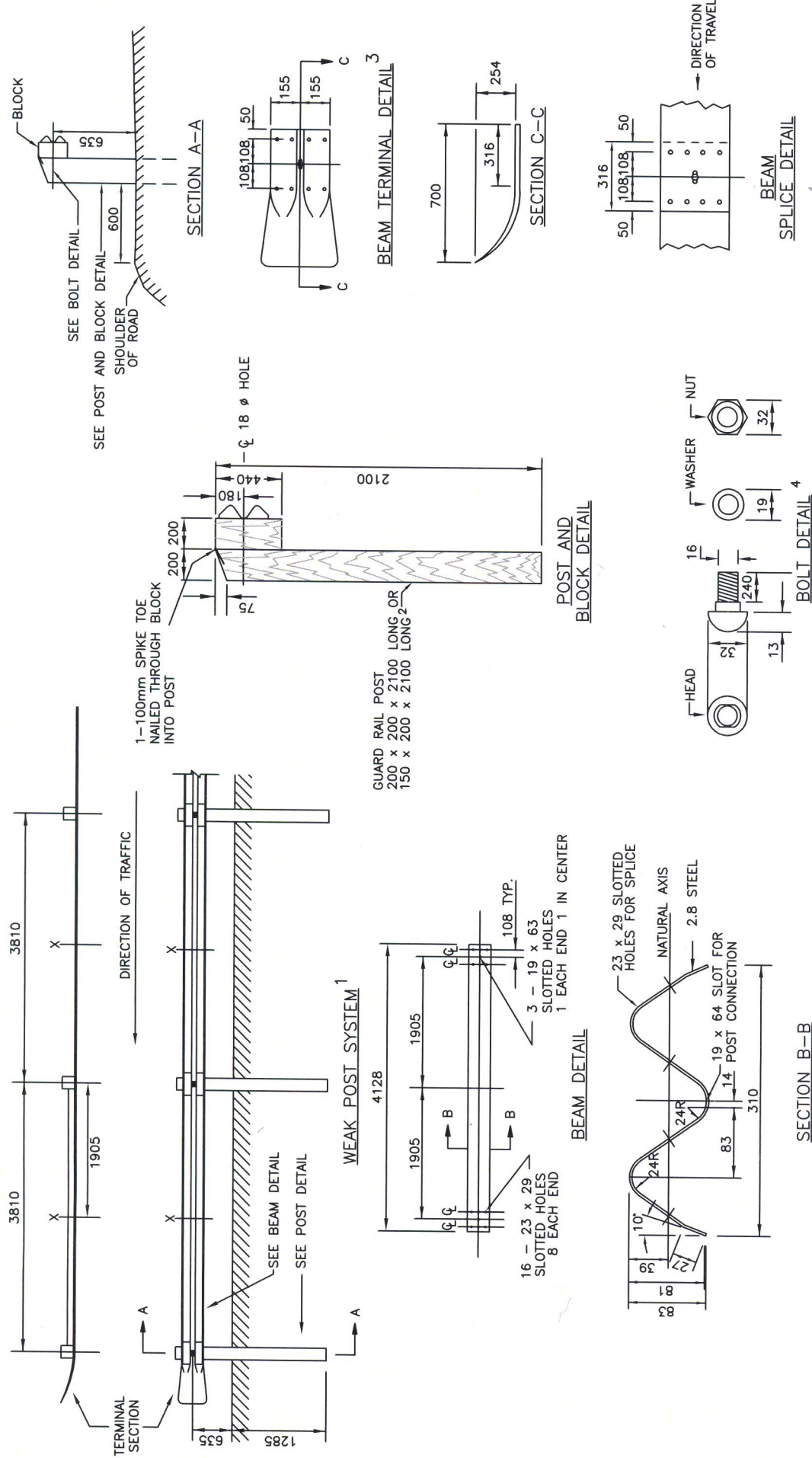
Addition of EAGRT note - Feb 12	
4	Addition of post bury depth - FEB 11
3	Addition of "X" for strong post system
2	Notes, Titles - Feb 10
1	REVISION
No.	

Scale :	N.T.S.
Drawn by :	M.LABRECHE
Checked by :	J.RAE
Date of Plan :	AUG2009
File No. :	S-2009-072

NOVA SCOTIA
Transportation and Infrastructure Renewal

David Colburn
Manager Highway Planning and Design
Director Highway Engineering Services
Executive Director Highway Engineering and Construction

STEEL BEAM GUARD RAIL
END TREATMENT HS520



NOTES:

1. FOR STRONG POST SYSTEM, ADD POST AT POINT X.
2. IF 150 x 200 x 2100 LONG POSTS ARE USED, THE MATERIAL IS TO BE HARDWOOD.
3. TERMINAL SECTION ONLY APPROPRIATE FOR 4-LANE DIVIDED HIGHWAYS.
4. ALL BOLTS, NUTS AND WASHERS SHALL BE GALVANIZED BY THE HOT DIP PROCESS. BOLTS SHALL BE CAPABLE OF WITHSTANDING 106 KN IN SINGLE SHEAR. 16mm SQUARENUT AND 19mm ROUND WASHERS ARE TO BE USED. ONE WASHER FOR EACH 240mm x 16mm BOLT. BOLTS ARE TO HAVE 75mm THREADS. FOR STRONG POST SYSTEM BOLT LENGTH SHALL BE 440mm.
5. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.

Scale : N.T.S.
 Drawn by : M.LABRECHE
 Checked by : J.RAE
 Date of Plan : AUG2009
 File No. : S-2009-07

3	UPDATED TO AAHSTO STANDARD. JAN15
2	BEAM SPLICE DETAIL MODIFIED /SEP10
1	DETAILS, NOTES, TITLES /FEB 10
No.	REVISION



B. J. Anderson
Manager Highway Planning and Design

[Signature]
Director Highway Engineering Services

[Signature]
Executive Director Highway Engineering and Construction

GUARD RAIL AND POST DETAILS

HS518