



VIRGINIA RAILWAY EXPRESS  
INVITATION FOR BIDS (IFB) No. 026-009

**BROAD RUN EXPANSION SPECIAL TRACKWORK MATERIALS**

**QUESTIONS AND ANSWERS – CONTINUED**

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Below are additional questions VRE received as of April 30, 2026, with responses. Whenever possible, questions are presented as originally asked. Otherwise, the questions or inquiries are presented to capture the main thrust or idea.

10. Would it be possible to extend the bid? We are still waiting for quotes for the machines.

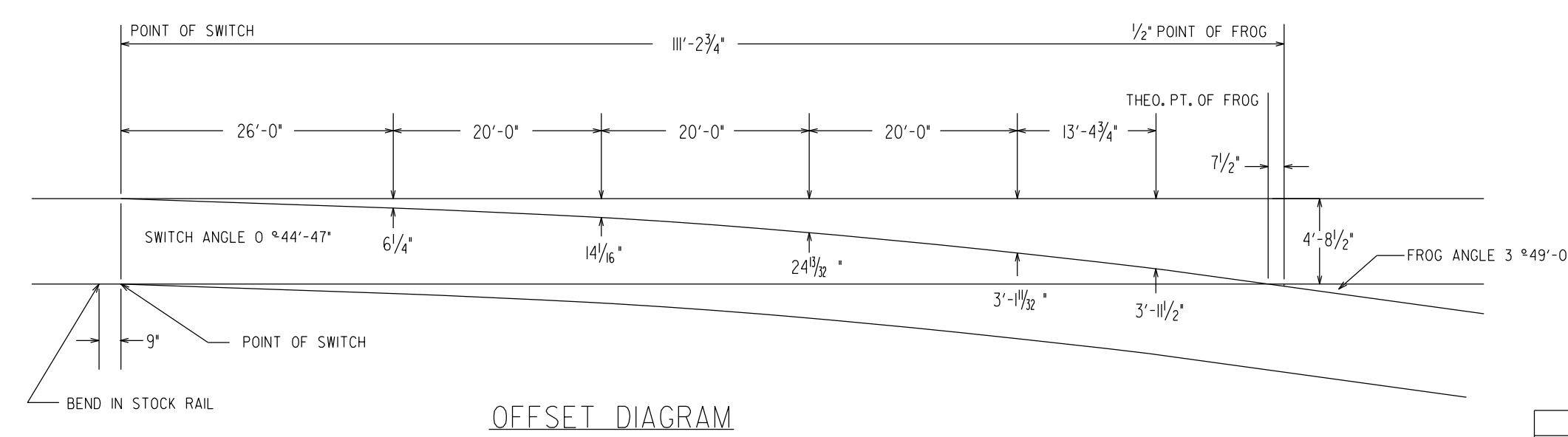
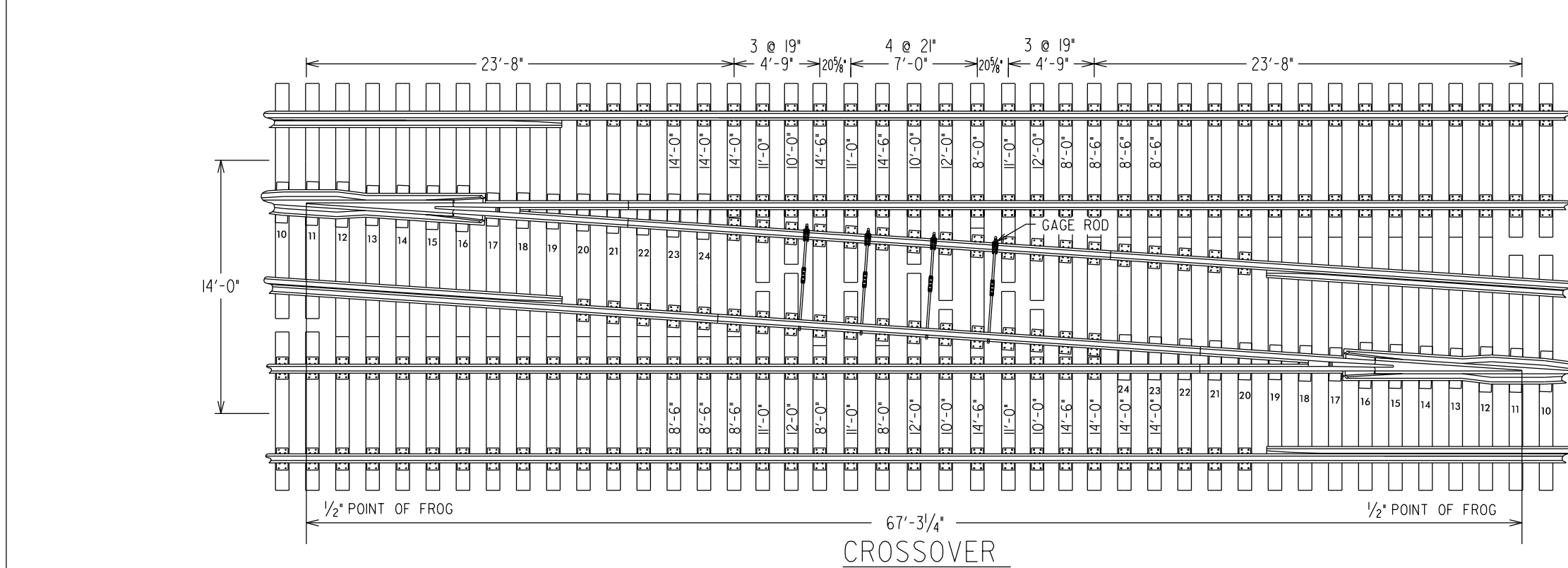
Yes. See Addendum No. 1. The due date for Bids is extended to 2 p.m. Eastern Time on May 6, 2026.

11. For the No.15-136RE LHTO, the NS drawings supplied detail a T-rail with steel bar welded to the top of the rail head. NS has obsoleted this design. Please confirm we should quote to the new NS standard, which is 33C1 Safeguard Boltless Guard Rails.

Yes, the 33C1 Safeguard Boltless Guard Rails shall be used. See the updated #15 standard plan 2-12 attached hereto.

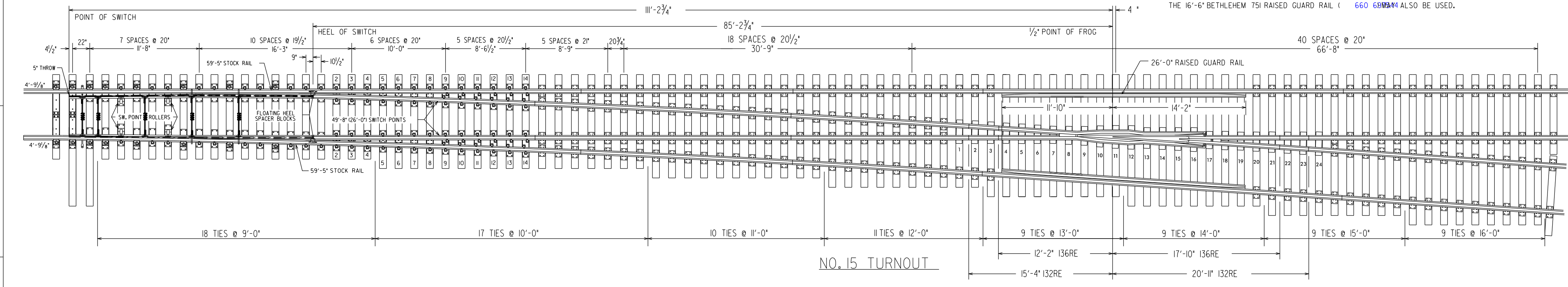
12. Can you please provide additional information for the switch stand?

The Alstom 5R 110V M23 Switch Machine shall be accepted by VRE in lieu of the older standard 5E.



NOTE: FOR EACH 1" OVER OR UNDER 14'-0" TRACK CENTERS  
ADD OR SUBTRACT 1'-3" TO DISTANCE BETWEEN  
1/2 POINT OF FROG IN CROSSOVER.

NOTE:  
THE 26'-0" RAISED GUARD RAIL ( 660 000387 SHOWN BELOW,  
THE 16'-6" BETHLEHEM 75# RAISED GUARD RAIL ( 660 600044 ) ALSO BE USED.



BILL OF SWITCH TIES-7" X 9" TURNOUT		
NO. OF PCS.	LENGTH	
19	9'-0"	
17	10'-0"	
10	11'-0"	
11	12'-0"	
9	13'-0"	
11	14'-0"	
9	15'-0"	
9	16'-0"	
TOTAL NO. PCS.	95	
TOTAL LIN. FT.	1,333	
TOTAL F.B.M.	5,948.25	

CROSSOVER DATA FOR TANGENT TRACK		
TRACK DISTANCE BETWEEN CENTERS	DISTANCE BETWEEN 1/2 POINTS	
13'-0"	52'-3 1/8"	
14'-0"	67'-3 1/8"	
15'-0"	82'-3 1/8"	
16'-0"	97'-2 3/4"	
17'-0"	112'-2 3/8"	
18'-0"	127'-2 1/2"	
19'-0"	142'-2 3/8"	
20'-0"	157'-2 1/4"	

- SEE PLAN
- 1-4 BOLTS USED IN TRACKWORK
  - 3-11 26'-0" SWITCH
  - 3-15C SWITCH HEEL BLOCK
  - 3-16 SWITCH HEEL BASE PLATE
  - 3-19 SWITCH CLIPS
  - 3-20 SWITCH RODS
  - 3-21 SWITCH PLATES
  - 3-22 BRACE, SLIDE & GAUGE PLATES
  - 3-32 & 3-33 SWITCH STANDS
  - 4-17 RAIL BOUND MANGANESE FROG
  - 4-19D FROG PLATES FOR R.B.M. FROG - PANDROL
  - 4-21 RAISED GUARD RAILS - 26'-0"

NORFOLK SOUTHERN RAILWAY COMPANY  
**NO. 15 132/136RE TURNOUT**  
WITH  
26'-0" SWITCH  
NOVEMBER 2005  
Atlanta, Georgia

DATE	REVISION
3-15-06	CHANGE TO 59'-5" STOCK RAILS
8-22-06	GUARD RAIL NOTE

NOT TO SCALE

R	By	Date	Revision Description

**Owning Company: NORFOLK SOUTHERN RAILWAY CO.**

Drawing Date:	04/01/2021	Operating Division:	SYSTEM	PID Number:	N/A
Designed By:	JSM	Milepost:	N/A	File Number:	N/A
Drawn By:	JSM	County:	N/A	VRN:	N/A

City / State:	SYSTEMWIDE
Project:	INFRASTRUCTURE STANDARD PLANS TRACKWORK DETAILS No. 15 RBM TURNOUT DETAIL
Drawing Number:	T-15
	TD-2021-24

CADD File: \$FILES  
Printed: \$TIMES \$DATES