

Task Force 13 - Steel Bridge Rail Review Checklist (rev. 0)

BRIDGE RAIL SYSTEM: SBB29d - NY 5-Tube

Reviewer: William Williams

Date: 04-13-2012

- 1.) Is the Name/Designator Correct for the Rail?
 - a.) Are the multiple rails, different systems included?
No - SBB29d
- 2.) Photo of the Rail:
 - a.) Is the photo correct for the rail?
 - b.) Does the photo provide the user with a good look at the rail system?
Photo is correct for the rail shown on the drawings.
Use Pictures Generated from Solidworks for additional information
- 3.) Thumbnail Sketch:
 - a.) Is the thumbnail sketch neat & legible?
 - b.) Is there a sketch in a supporting document or drawings that could be used?
 - c.) Is the sketch dimensioned in English Units?
 - d.) If no to a-c, has sketch been provided using template or equivalent?
Thumbnail Sketch has been generated in Solidworks by WFW 4/20/2012
Existing sketch is not correct.
- 4.) Is the contact Information correct?
 - a.) If not, please provide updated contact information.
No... Should be Peter McCowan (518) 485-1148
Peter.McCowan@dot.ny.gov
- 5.) Are there any drawings in PDF Format of the Rail?
Yes.. Drawings currently shown are good quality PDF's
Please Include the drawings attached drawings for further information
- 6.) Are the drawing(s) correct for the rail?
 - a.) if not, please contact the appropriate person for information.
Yes, drawings are correct
- 7.) Are there any supporting documents to include:
 - a.) Crash Test Report(s) - **Crash Test Reports for 2-Tube & 4-Tube to be included**
 - b.) FHWA Approval Letter? **No**
 - c.) Additional Photos of Rail? **No**
 - d.) Any crash Test videos available? **Videos are available for 4-tube in TTI files**
 - c.) If other documents are provided, is this information correct for the rail?
TTI crash tested the New York 4-Tube w/o curb in 1999.
PDF of test report is provided in file
Drawings from NYDOT are Provided in PDF and should be added to website

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8.) Is the "Weight Per Foot" correct?

a.) If provided, please check.

b.) If not provided, please calculate.

Calculated @ 90 lbs/ft by William Williams (see calcs.)

9.) Are the listed attributes correct for the system?

a.) note all attributes that need correcting or adding.

Yes

However, I would think this might be a combination traffic & Pedestrian Rail
and should be consider and listed as such

10.) Is the rail searchable considering the attributes of the rail?

a.) If not, what needs to be corrected or added?

Rail is searchable for steel tube & TL-4

However, not searchable for deck mounted or NCHRP Report 350