

New Jersey Turnpike Authority
Engineering Department

Order for Professional Services No. T4249
Design Services for Contract No. T100.860
Rehabilitation of Str. No. 120.46

Response to Inquiries
Request for Expressions of Interest

1. **Inquiry:** The Cycle 22 Bridge Inspection Report stamped "Load Rating updates are being performed by ATANE", includes a Load Rating summary with as inspected ratings equal to as built ratings, implying no deterioration, however, in the report conclusions the report indicates that web buckling was limiting the load ratings of some stringers to below legal loads. Has the update been completed? and can it be made available? This data may help define the seriousness of the problem and consequently the scope of the hands-on inspection required.

Response: Yes, the load rating update has been completed (December 2024), and incorporates section losses per the 2023 inspection report. Note that all reported legal load rating factors are > 1.00 . The Cycle 23 inspection report (2025 inspection) can be provided post-award, which would include the latest load ratings.

Note that the web buckling analysis was performed (by ATANE in 2023) to assist in their determination of priority repair needs for bearing stiffeners / beam ends. This was not part of the bridge load rating, and thus, is not included in the load rating calculations or report but can also be provided post-award.