

# New Jersey Department of Transportation

## CONSTRUCTION ADVISORY

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| NUMBER:<br>51                    | Requests to Utilize Steel Construction Barrier | 07/28/2025 |
| CATEGORY:<br>Work Zone<br>Safety |  |            |

Use of temporary steel barrier systems is not currently covered by the existing specifications and details of the CONSTRUCTION BARRIER CURB item. Additionally, while several steel barrier systems have undergone NJDOT New Technology Evaluations, no steel barrier system is currently listed on the Department's Qualified Products List.

Contractors may submit a request to the RE as per Specification 108.07.02 to utilize a temporary steel barrier system as a substitute for the CONSTRUCTION BARRIER CURB item unless the Contract documents state that no substitutions are allowed. Contractors must provide a submittal for review, signed and sealed by a Professional Engineer, detailing the change.

The submittal must include:

1. The device's latest MASH test results and FHWA Hardware Eligibility Letter as per 159.03.02
2. Plan sheets identifying the specific installation locations
3. Calculations and details showing that the device will meet the workzone requirements (clear zone requirements, deflection limits, staging and lane width requirements, compatibility with end treatments, etc.)
4. Guidelines for installation and repair
5. Storage location and quantity of spare parts
6. Identification of the benefit to the Department or motoring public (cost savings for the Department, etc.).

The RE is to review the submittal to ensure it contains all necessary information. The RE will forward the request and submittal to the project Designer, the Regional Construction Engineer, and Traffic Engineering (Traffic Control & Work Zones Unit) for concurrence. If approved, the Department will issue a Change Order to establish a new item for steel barrier with a renegotiated unit price. The Department may require a manufacturer's representative to be on-site during installation to advise and verify the correct installation procedures.



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