



**Department of
Transportation**


ENGINEERING
INSTRUCTION


EI
19-018

Title: **NEW SPECIAL SPECIFICATION ITEM 606.12040015 – BOX BEAM GUIDE RAILING,
PEDESTRIAN BREAK**

**SUPERSEDED BY EB 23-024
EFFECTIVE 8/3/23**

Approved:


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Deputy Chief Engineer (Design)


Date

ADMINISTRATIVE INFORMATION:

- This Engineering Instruction (EI) is effective beginning with projects submitted for the lettings on or after January 1, 2020.
- This EI does not supersede any other issuance.

PURPOSE: To announce the availability of a new Special Specification for Pedestrian Breaks in runs of box beam guide rail.

TECHNICAL INFORMATION:

- A new pay item, 606.12040015, "Box Beam Guide Railing, Pedestrian Break", has been created.
- Guidance on use of the terminal is being issued concurrently by EI 19-017, "Pedestrian Breaks in Runs of Box Beam Guide Rail".
- The details of the design are being issued concurrently by EB 19-034, "Standard Sheet 606-04, Sheet 5, Pedestrian Breaks in Box Beam Guide Rail Runs".

TRANSMITTED MATERIALS: The attached special specification will be posted in the Department's repository located at <https://www.dot.ny.gov/main/business-center/engineering/specifications/special-specifications-us/600-series>.

CONTACT: Direct questions regarding this issuance to Terry Hale of the Office of the Design Quality Assurance Bureau at (518) 485-7009 or via e-mail at Terry.Hale@dot.ny.gov.

ITEM 606.12040015 BOX BEAM GUIDE RAILING, PEDESTRIAN BREAK

DESCRIPTION

This work shall consist of removing existing box beam guide rail or guide rail and end sections within the limits indicated on Standard Sheet 606-04, Sheet 5, and installing the guide rail and terminals as indicated on that sheet.

MATERIALS

All materials requirements of Section 606 of the Standard Specifications shall apply.

CONSTRUCTION DETAILS

The Contractor shall remove and dispose of existing box beam guide rail, posts, and terminals within the pay limits indicated on Standard Sheet 606-04, Sheet 5 and at the location indicated by the EIC.

The piece of rail that is to have a 20-foot radius shall be curved either by bending or mitering, but shall not be bumped.

The Contractor shall then install the guide rail and terminals as indicated on the Standard Sheet. The work shall be scheduled so that the existing rail may be removed and the new system installed within the same 24-hour period. If rock is encountered which prevents driving the posts to the indicated depths, the EIC shall be notified. Upon concurrence of the need by the EIC, the Contractor shall mobilize the drilling equipment necessary to advance a hole or holes for the post(s) to the indicated depth(s). An additional day will be allowed to complete the installation. The drilled hole(s) shall be backfilled prior to driving the post(s).

BASIS OF PAYMENT

The price for Box Beam Guide Railing, Pedestrian Break shall be full compensation for all material, equipment, and labor necessary to remove any existing barrier within the pay limits of the break and to install the posts, rail and terminals. If the EIC concurs that use of a drill rig is necessary to advance the holes for the posts, payment for that work will be made by a Field Change.

606.12040015 Box Beam Guide Railing, Pedestrian Break

Each