1. TEMPORARY BARRIER RAIL [618] (REVISED 7-15-21)

Description. This work includes furnishing, installing, maintaining, and removing temporary barrier rail used for lane separation or protection of construction work zones from traffic.

Materials. Furnish concrete barrier rail in accordance with Section 605 and the Detailed Drawings. Alternative barrier design meeting NCHRP 350 TL-3 or MASH TL-3 crash testing may be used. Submit proof of crash testing compliance 14 calendar days prior to installation.

Construction Requirements. Furnish, install, maintain, and remove temporary barrier as required by the contract or manufacturer’s instructions. Terminate the ends of temporary concrete barrier with a temporary impact attenuator or with approved blunt end protection as stated in the contract. Blunt end protection not shown on the plans is at Contractor expense.

Place 3” x 4” retroreflective markers every 10’ on the top of the temporary rail. Chip Seal tabs and raised rigid pavement markers are prohibited. Ensure reflective markers are in place on existing barrier rail and/or guardrail adjacent to temporary rail.

Method of Measurement. Temporary barrier rail will be measured by the foot (m) of barrier placed to protect or channelize traffic as specified in the plans. Transition pieces and terminal ends will be measured for payment. Installation or resetting of barrier rail; required by the Contractor’s operations and not shown on plans or the repair or replacement of temporary barrier rail damaged by the Contractor will not be measured for payment. Removal and replacement of installations damaged by traffic will be measured for payment.

Basis of Payment. Payment for the completed and accepted quantities is made under the following:

|  |  |
| --- | --- |
| Pay Item | Pay Unit |
| Temp Barrier Rail | Foot (m) |
| Reset Temp Barrier Rail | Foot (m) |

Payment at the contract unit price is full compensation for all resources necessary to complete the item of work under the contract.