

CONSTRUCTION PROCEDURES HANDBOOK

SECTION III	SUBSECTION F	DATE
CONSTRUCTION START UP	PROJECT SAFETY AND TRAFFIC CONTROL	05/15/2023

ALSO, REFER TO SECTION VIII "WORK ZONE SAFETY"

NOTE: There will be no tolerance for any lack of professional performance required for Project Safety and Traffic Control. The RE is required to immediately shut down any non-complying operation on a project and, if necessary, request State Police assistance for the shutdown.

PORTABLE VARIABLE MESSAGE SIGNS (PVMS)

When portable Variable Message Signs (PVMS) are to be placed on a project, it is the responsibility of the RE to notify, as appropriate, Traffic Operations or Mobility Engineering prior to the placement of the PVMS. Mobility Engineering (North or South) will assist the RE in the general placement and initial message schedule based on staging and other information deemed appropriate.

Mobility Engineering North – all counties north of Mercer/Monmouth

Email address: northnjdot.toc@dot.nj.gov

Mobility Engineering South – from Mercer/Monmouth and all other counties south

Email address: dot-moc.south@dot.nj.gov

CHANGES TO THE TRAFFIC CONTROL PLAN

ALSO, REFER TO SECTION VIII-B paragraph 1.d

Initiate changes in the Contract to adjust the Traffic Control Plan, as recommended in writing by the Regional Traffic Engineer, Work Zone. When contacting

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the Regional Traffic Engineer, Work Zone by telephone or email, a clear, well-thought-out suggestion will be of help to them. If the Regional Traffic Engineer, Work Zone is not available, contact the Executive Manager, Bureau of Traffic Engineering at (609) 963-1769. Email transmittals of requests and approvals are acceptable.

TRAFFIC CONTROL PLAN REVIEWS (Annual TCP Review Program coordinated by Traffic Engineering)

Deficiencies cited by the Traffic Control Plan (TCP) Review Team will be corrected immediately. (See Note on Page 1). The RE is to respond with a report documenting the corrective action that is to be sent to the Bureau of Construction Management member of the TCP Review Team within 2 workdays. If no corrective action can be taken immediately, the reason will be explained, and a timetable established to correct deficiencies. Copies of these reports will be sent to the FM and the RCE. The Bureau of Construction Management member will forward a copy to the appropriate Review Team member.

REDUCTION IN SPEED REQUESTS

Construction projects where activities influence or are influenced by traffic are possible candidates for a change in speed limits. Speed Limit signs are regulatory, and a reduced speed limit can only be established by the Bureau of Traffic Engineering. The RE will forward a written request with concurrence from the Contractor to the Regional Traffic Engineer, Work Zone to investigate the need for a reduction in the regulatory speed limit. This request should be initiated at least twenty (20) working days in advance of the start of construction.

The Regional Traffic Engineer, Work Zone will investigate the matter and determine both the need for a reduced speed limit and what that speed limit should be. The results of that study will be made available to the RE, in writing, within fifteen (15) working days of receipt of the request by the Regional Traffic Engineer, Work Zone, so that the proper signs can be fabricated and installed by the Contractor. (Refer to Attachment "A").

Signs will be R2-1 (SPEED LIMIT) with G20-5aP (WORK ZONE) and W3-5 (REDUCED SPEED AHEAD).

Refer to the project's construction details or contact the Regional Traffic Engineer, Work Zone for the dimensions of the signs. Additional signs may be installed at the discretion of the RE and approval of the Regional Traffic Engineer, Work Zone.

For legal purposes, it is necessary that the RE maintain a record of the signs used, the times and dates that they are in effect, locations where they are installed and the specific times when the reduced speed limits are in effect. The Regional Traffic Engineer, Work Zone is to be copied on this record.

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Special care should be taken to ensure that normal speed limit signs and the temporary signs used during the construction period are not both visible to approaching motorists at the same time.

The RE will notify the Regional Traffic Engineer, Work Zone and Executive Manager, Bureau of Traffic Engineering of the date that signs reducing speed limit are installed and removed. This notification must be accomplished by returning the memorandum authorizing the reduction in speed limit with a notation indicating the date the signs were removed, to the Regional Traffic Engineer, Work Zone (Refer to Attachment "A"). The RE shall send a copy of this notification to the RCE.

These actions will be taken in addition to all other safety measures that are required by the contract safety provisions. Any exceptions will be documented for inclusion in the project records.

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Attachment "A"

NEW JERSEY DEPARTMENT OF TRANSPORTATION

MEMORANDUM

TO: Name
Resident Engineer
Region Central Construction

FROM: Jaime Oplinger
Executive Manager, Bureau of Traffic Engineering

DATE: Month Date, Year

PHONE:

SUBJECT: Construction Speed Limit LSC-77-1
Project Name
Vicinity M. P. XX to M. P. XX
Township
County

Date Signs Installed _____

Date Signs Removed _____

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In accordance with your Email request of month date, year, we have reviewed the above-captioned project to determine the feasibility of reducing the existing posted speed limit within the project limits.

Based on the provisions of the attached regulations LSC.-77-1, effective February 24, 1977, it is recommended that the speed limit within the limits of the above captioned project be posted at **XX mph**.

One sign, W3-5 (**Speed Ahead XX**, 48"x48") shall be installed 500 feet in advance of the first R2-1 (**Speed Limit XX**) sign at approximately mile post XX.XX of the project. Additional R2-1 signs shall be installed at ½ mile intervals through the project. These signs shall also be installed in the median where the width of the median permits (signs to be 48" x 48" and 36" x 48"). In addition to these signs, a sign plate, G20-5aP **WORK ZONE** (black on orange, 36"x24") shall be installed above each R2-1 sign.

Reduction of the existing "Speed Limit" shall be in effect only when one or more of the following conditions exist:

- I. Where hazards or obstructions are present and construction barriers are in use.
2. When workmen are on or adjacent to the traveled way.
3. When other conditions exist which are deemed potential safety hazards as determined by the Traffic Engineering, Regional Traffic Engineer, Work Zone.

When none of the above conditions exist, the temporary construction zone speed limit signs R2-1 and W3-5 shall be covered with an opaque material in a manner, and at such times, as approved by the engineer. During periods when the temporary construction zone speed limit is not in effect, the permanent speed limit signs shall be visible.

Jaime Oplinger

Executive Manager

Bureau of Traffic Engineering

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By Lee G. Steiner

Project Engineer, Traffic

c. J. Oplinger

J. Fam

C. Reilly

RCE