



TO: ALL REGIONAL DIRECTORS	 ENGINEERING INSTRUCTION NEW YORK STATE DEPARTMENT OF TRANSPORTATION
SUBJECT: BATCH PLANT AUTOMATION/ RECORDATION WAIVERS Subject Code: 7.27-1-7 & 8	
Distribution: <input checked="" type="checkbox"/> Main Office <input checked="" type="checkbox"/> Regions <input type="checkbox"/> Special	Code: <u>EI-72-29</u>
APPROVED:  <u>Assistant Deputy Chief Engineer</u>	Date: <u>3/28/72</u> Supersedes: INSTRUCTION 71-2

With reference to those portions of the January 2, 1962 New York State Department of Transportation General Specifications as addended which require automation and recordation for Portland Cement Concrete and Bituminous Concrete Batch Plants, you are authorized to act in accordance with the following guidelines to permit the use of approved manual batching plants:

Portland Cement Concrete Plants

1. It is the Department's desire to obtain all concrete from approved batch plants that are automated and have recordation. Consequently, no consideration will be given to the waiver of the specification requirements unless there is substantial evidence that material meeting the specifications cannot be obtained from an approved automated plant within the specified haul time area.
2. All cement concrete pavement and foundation for pavement items shall be obtained from approved automated plants having recordation. No requests for waiver of specifications will be considered.
3. For concrete items other than for pavements, the Contractor may request a waiver of the specification requirements for automation and recordation of batch plants. Such a request must be accompanied by a detailed explanation which shows that there are no existing approved automated plants within the area of the project which can or will furnish material meeting the specifications; and further, that there is no practical means by which the desired automatic batching can be accomplished by establishing new facilities at or near the project site. These latter explanations shall consider the batching of aggregates at some distance from the project with the batching of cement separately in the near vicinity of the project.

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4. Upon receipt of a Contractor's request for waiver of specifications in regard to automatic batching as noted in 3 above, the Regional Director will review and consider the explanations submitted. If it is found that there are no existing automated plants which can furnish the concrete in accordance with the specification, and if it is judged not feasible that new automated facilities be established, an Order-on-Contract may be processed which stipulates the following changes in the contract agreement:

Concrete as required for _____ (be specific as to item number to which waiver applies) may be batched from a non-automated plant subject to the following provisions:

- (a) Inspector(s), other than the regular plant inspector, shall be assigned to inspect the batching operation at the plant.
- (b) The additional inspector(s) shall observe and record the weight of each component of the batch and assure that such weights are within the tolerances permitted by the specifications. If the weight of any component falls outside of the allowed tolerances, the batch shall be rejected. He shall also record for each batch, (1) the time and date; (2) batch serial number; (3) mix identification; and (4) the presence and type of admixture(s).
- (c) Charges against the contract shall be made for the additional inspector(s) whether they be regular State employees or employees of a private inspection agency under contract to the Department for these services. The amount of these charges for each inspector shall be \$12.00 (twelve dollars) per hour of in-plant inspection time, with a minimum charge of \$96.00 (ninety-six dollars) per day.
- (d) Procedures for plant operators to give notice as to when additional inspection services are required will be as determined by the Regional Director. In all cases, however, the Contractor shall advise the Project Engineer at least five (5) days in advance of anticipated batching.

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5. This Order, together with justifying explanations prepared by the Regional Director and by the Contractor, shall be forwarded to the Deputy Chief Engineer (Construction Subdivision) for review and action.

The following exception to the procedures outlined above shall be permitted with the written approval of the Regional Director. Where there is no approved automated plant in the area that could supply the project within the limitations of the specifications; and when the plant is producing only occasional batches; and when our regular inspector is able to do both his normal work and in addition, actually record the weight of each element in each batch produced, then the Regional Director may authorize this inspector to do the recording and no additional inspector will be required.

Bituminous Concrete Plants

In the event similar conditions occur with respect to bituminous concrete plants, the same procedure is to be followed. All bituminous concrete, except for the occasional batches, for pavement and shoulder items shall be obtained from approved automated plants having recordation. No requests for waiver of specifications will be considered.

For bituminous concrete items other than for pavements, the Contractor may request a waiver of the specification requirements for automation and recordation of batch plants.

RNS:LW