
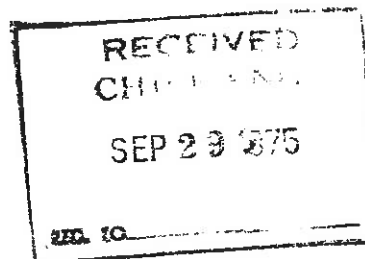


<p>TO: MODIFIED BY EI 76-012 EFFECTIVE 1/27/1976 MAIN OFFICE</p> <p>REGIONAL OFFICES SUPERSEDED BY EI 79-047 EFFECTIVE 11/14/1979</p>	 <p>ENGINEERING INSTRUCTION NEW YORK STATE DEPARTMENT OF TRANSPORTATION</p>
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<p>APPROVED: <i>E. V. Laurigan</i> <u>Deputy Chief Engineer (Structures)</u></p>	<p>Date: <u>Sept. 22, 1975</u></p> <p>Supersedes: MODIFIES EI 74-087 DATE 9/10/74</p>
<p>SUBJECT: PROCEDURE FOR BRIDGE RECONSTRUCTION WORK INCLUDED IN HIGHWAY PROJECTS</p> <p>Subject Code: <u>7.35</u></p>	

Attached is a copy of the Procedure for Bridge Reconstruction Work Included in Highway Projects.

Note that this Procedure does not supersede EI 74-87, "Procedure for Bridge Reconstruction Projects", but amends EI 74-87 in the case of projects where bridge reconstruction work is included in other projects such as Highway R & P and Safety Projects.

This Procedure is effective immediately.



PROCEDURE FOR BRIDGE RECONSTRUCTION WORK

INCLUDED IN HIGHWAY PROJECTS

This Instruction shall be followed in the preparation of plans for bridge reconstruction which are included in plans for more comprehensive work such as Highway R&P and Safety Projects.

1.0 General:

It is essential that plans for all bridge reconstruction work be either prepared in the Structures Subdivision or reviewed in the Subdivision and approved by the Deputy Chief Engineer (Structures). Projects which are programed strictly as bridge reconstructions shall be processed in accordance with "Procedure for Bridge Reconstruction Projects," EI 74-87, and amending EI's. Some of the steps in EI 74-87 are not appropriate to projects which combine bridge reconstruction work with other work since much of the programing and planning will be done in connection with the justification for the primary project. This Procedure lists the steps in EI 74-87 which apply to this type project, as well as other activities which may apply.

2.0 Definitions:

For the purposes of this Instruction, Bridge Reconstruction shall be classified in one of two ways:

- 2.1 Significant Work: Any work on an existing bridge more extensive than that classified as minor work. The work may be as extensive as the construction of a new superstructure on existing substructure. Removal and replacement of wearing surface shall be considered significant work.
- 2.2 Minor Work: Resurfacing, railing replacement, railing upgrading, improvement to approach guide rail or connections. Painting contracts are classified as maintenance work and are not included in the work to be processed under this Procedure.

3.0 Procedure:

- 3.1 Significant Work: All the steps of EI 74-87, as amended, and except as modified below, shall apply except for Steps I and II. If the planning information required in Steps III b and VI c have been submitted to the FHWA in connection with the highway project, a statement of that fact may be included here in lieu of repeating the information.

In Step IV, if the proposed work is restricted to the structural deck and wearing surface, an inspection report of the complete bridge is not necessary. An abbreviated report may

be submitted, describing the deck condition in detail and the condition of the remainder of the structure in very general terms. In this type project, there should be no serious deficiency in the remainder of the structure. If there is, an explanation should be given as to why corrective work is not included in the project. Note that a core report or photographic documentation (in the case of obviously dis-integrated slabs) must be submitted under Step V.

Step XVI B may be omitted provided that information on the preliminary plans clearly shows the treatment to be employed. Specific materials must be shown on the preliminary plan such as type of joint and type of membrane. In certain cases, the Structures Subdivision or the FHWA may require an advance detail plan submission. This will be indicated when comments are made on the preliminary plans.

- 3.2 Minor Work: Before work is begun on the plans, the Regional Structures Engineer shall submit by memo to the Deputy Chief Engineer (Structures) a brief report describing the proposed work and the estimated cost. A brief description of existing condition of appropriate elements shall be included, e.g., if resurfacing, describe condition of existing wearing surface; if new railing or railing upgrading, describe type of existing railing.

4.0 Scheduling:

It should be particularly noted that obtaining the information required under this Instruction, and review by the Structures Subdivision and the FHWA will take time. Therefore, in order not to delay the PS&E, it is essential that design of R&P and Safety Projects be so scheduled that Steps III through XIII of EI 74-87 may be accomplished before preparation of detail plans is begun.