

TO: SUPERSEDED BY EI 82-011 EFFECTIVE 3/1/82	<h2 style="margin: 0;">ENGINEERING INSTRUCTION</h2> <p style="margin: 0;">NEW YORK STATE DEPARTMENT OF TRANSPORTATION</p>
	SUBJECT: REVISION TO STANDARD DETAILS FOR HIGHWAY BRIDGES - GENERAL NOTES Subject Code: 7:35-11
Distribution: <input type="checkbox"/> Main Office <input type="checkbox"/> Regions <input checked="" type="checkbox"/> Special	Code: <u> EI 80-5 </u> Date: <u> 1/28/80 </u> Superseded <i> </i>
APPROVED: <i> J. J. ... </i> <hr style="width: 80%; margin-left: 0;"/>	

Attached are replacement pages 51-52 of Standard Details for Highway Bridges. Page 52 contains an added note(74) for protection and/or replacement of BIN Number Plates on structures.

Note 74 is to be incorporated in all appropriate contracts immediately.

PREL.	FINAL
	LANDSCAPE
RECEIVED FACILITIES DESIGN SUBDIVISION FEB 04 1980	
C.S.C.	
FILE	DESIGN

NOTES TO BE PLACED ON PLANS (DULSEAL) - Continued

RECONSTRUCTION NOTES

- 61 The Contractor's attention is directed to the fact that, due to the nature of reconstruction projects, the exact extent of reconstruction work cannot always be accurately determined prior to the commencement of work. These Contract Documents have been prepared based on field inspection and other information available at the time. Actual field conditions may require modifications to construction details and work quantities. The Contractor shall perform the work in accordance with field conditions.
- 62 The Contractor shall perform all work with care so that any materials which are to remain in place, or which are to remain the property of the State, will not be damaged. If the Contractor damages any materials which are to remain in place, or which are to remain the property of the State, the damaged materials shall be repaired or replaced in a manner satisfactory to the Engineer at the expense of the Contractor.
- 63 Whenever items in the Contract require materials to be removed and disposed of, the cost of supplying a disposal area and transportation to that area shall be included in the unit price bid for those items.
- 64 During removal operations, the Contractor shall not be allowed to drop waste concrete, debris and other material to the area below the bridge except where the plans specifically permit the dropping of material. Platforms, nets, screens or other protective devices shall be used to catch the material. If the Engineer determines that adequate protective devices are not being employed, the work shall be suspended until adequate protection is provided.
- 65 All material falling on the area below and adjacent to the bridge shall be removed and disposed of by the Contractor.
- 66 The cost of furnishing, installing, maintaining, removing and disposing of all platforms, nets, screens or other protective devices shall be included in the unit bid price of the appropriate items of the Contract.
- 67 The Details on Drawing No. _____ indicate the spalls, scales and cracks noted on a field inspection by STATE forces. All of the major areas of spalling, scaling and cracking, known to exist at the time of contract preparation have been shown to indicate the approximate extent of deterioration that will have to be repaired by the Contractor.
- 69 Areas of deterioration that are _____ inches or less in depth shall be repaired by Item _____ "Shotcrete". Areas that are greater in depth than this shall be repaired with Item _____ "Removal and Replacement of Structural Concrete". The indicated depth limitation is only an approximate guide and final determination of which item to use shall be the decision of the Engineer.

NOTES TO BE PLACED ON PLANS (DULSEAL) Continued

70. Except for structural slabs, all surfaces receiving new concrete shall be sandblasted. Just prior to the application of new concrete, the surfaces shall be air cleaned, wet down and coated with a thin coating of 1:1 mortar or neat cement paste thoroughly brushed into the surface. It will not be necessary to brush the mortar into surfaces made inaccessible by mesh or closely spaced reinforcement when so determined by the Engineer. There will be no separate payment for this work. The cost shall be included in the bid price for the various concrete items in the Contract.
- 71 A. Chipping hammers used to remove concrete from the following structural components shall not exceed twenty-five (25) pounds in weight with the bit removed:
- B. Chipping hammers used to remove concrete from the following structural components shall not exceed forty (40) pounds in weight with the bit removed:
- (Note "A" is to be used for partial removals when the concrete to be removed is unsound. Note "B" is to be used for partial removals when the concrete to be removed is sound.)
72. Shop drawings shall be submitted to the Deputy Chief Engineer (Structures) for approval for the following structural steel replacement items:
73. Shop drawings shall be submitted to the Engineer for approval for the following structural steel replacement items:
74. If the structure has a Bridge Identification Number (B.I.N.) Plate attached, it shall be the Contractors responsibility to protect it during construction or remove and remount it after construction is completed.