



2185 - SPECIFICATION FOR DISMANTLING EXISTING BRIDGE STRUCTURE

2185 - 1 DESCRIPTION

- 1.01 The work shall consist of dismantling the existing bridge structure and disposal of material in accordance with the specification.

2185 - 2 MATERIALS

2185 - 3 CONSTRUCTION

- 3.01 When the contract calls for dismantling of the existing bridge structure, the Contractor shall remove the existing piers and abutments to the elevations indicated on the plans. Material removed from the existing bridge structure shall be disposed of as provided in the special provisions or as directed by the Engineer. In general, old concrete shall be used for rip-rap or deposited adjacent to the site in areas approved by the Engineer, but shall not be left in the river bed. If the old concrete is to be used for rip-rap, protruding reinforcing steel shall be cut off.
- 3.02 Structural steel which is suitable for re-use shall be matchmarked as directed by the Engineer and dismantled at all original field connections unless directed otherwise. Rivets shall be removed by cutting the rivet heads or by burning, provided that care is used not to damage the rivet holes. All portions of the rivets shall be completely removed from the members. Welded connections shall be dismantled by cutting the weld metal out.
- 3.03 Structural steel to be stored shall be supported on blocks above the ground so as to be kept clean and dry at all times. The blocks shall be placed close enough together to prevent injury from deflection.
- 3.04 Explosives shall not be used for demolition work without the permission of the Engineer.

2185 - 4 MEASUREMENT

2185 - 5 PAYMENT

- 5.01 Payment for DISMANTLING EXISTING BRIDGE STRUCTURE will be at the contract lump sum price. The lump sum price will be full compensation for all labour, tools, equipment, falsework and incidentals necessary to complete the work. The lump sum price will also be full compensation for excavation required to demolish the piers and abutments to the required elevations and for backfill to original groundline.