SECTION 526 TEMPORARY STRUCTURE

526.1 Description

(1) This section describes the design, construction, maintenance, and removal of a temporary structure of the width specified and of the necessary waterway area.

526.2 Materials

(1) Furnish materials conforming to part 5. The contractor may incorporate used materials in the structure if they are sound and suitable for the purpose intended.

526.3 Construction

526.3.1 Permits and Coordination

(1) The contractor shall obtain any necessary permits as specified in 107.3 and shall coordinate with the issuing agency in securing the permits and complying with the terms of the permits.

526.3.2 Design

(1) Provide plans, signed and sealed by a registered professional engineer, for all temporary structures. Submit one copy of plans to place on file. If the engineer requests, submit 2 extra copies of plans for review before ordering materials or starting construction.

(2) The temporary structure shall span the stream and have dimensions sufficient to not constrict stream flow during use. The basic design criteria shall provide for a 5-year frequency storm with 6 inches of backwater. The plans shall show the minimum bridge length between abutment sheet piling, and the resultant five-year frequency high water elevation. Determine the minimum low superstructure elevation using the given high water elevation and considering local conditions. The structure shall have the minimum roadway width specified in the special provisions as measured between the faces of the railings or curbs, and at right angles to the centerline. Provide vertical abutments designed to prevent spilling fill material into the stream. If building a temporary crossing over a stream or lake subject to boating use, construct it to provide horizontal and vertical clearance, as the jurisdictional agency may require, adequate for row boats and small power boats.

(3) Design, construct, and maintain the temporary structure conforming to the AASHTO LRFD Bridge Construction Specifications, Article 3.5. Design rail and posts according chapter 30 of the department's LRFD Bridge Manual.

526.3.3 Temporary Structures

(1) Construct temporary structures conforming to part 5.

(2) Remove the temporary structure and approaches only when the new structure opens to traffic or the engineer authorizes.

(3) The final cleanup of the work site includes complete removal of the temporary structure, unless the engineer directs otherwise.

(4) All materials furnished by the contractor and incorporated in the temporary structure revert to the contractor upon removal. Dispose of as specified in 203.3.4.

526.4 Measurement

(1) The department will measure the Temporary Structure bid items as a single lump sum for each structure acceptably completed.

526.5 Payment

(1) The department will pay for measured quantities at the contract unit price under the following bid items:

ITEM NUMBER	DESCRIPTION	UNIT
526.0100	Temporary Structure (station)	LS

(2) Payment for the Temporary Structure bid items is full compensation for designing, constructing, maintaining, and removing the temporary structure.