
Special Provision to Special Specification 4017

Noise Walls



Special Specification 4017 "Noise Walls," is amended with respect to the clauses cited below. No other clauses or requirements of this Item are waived or changed.

Article 4017.2, "Materials" is supplemented with the following:

- Item 424, "Precast Concrete Structural Members (Fabrication)," and
- Item 434, "Bridge Bearings."

Article 4017.2.1, "Options." The first sentence is voided and replaced with the following:

If approved by the Engineer, the Contractor has the option to furnish any proprietary noise wall system which meets the requirements of this specification and complies with the design criteria shown on the plans.

Article 4017.2.2, "Working Drawings" is voided and replaced with the following:

Prior to fabrication, prepare and submit working drawings for the proposed noise wall system to the Engineer for approval. Submit drawings on 11 in. x 17 in. size sheets. Submit 7 sets of casting drawings for precast segments and 7 sets of construction drawings. Upon completion of construction, submit 1 set of reproducible as-built drawings to the Engineer.

Include all information necessary for precasting wall elements in the casting drawings. Casting drawings must reflect the shape and dimension of precast components, the size, quantity, and details of the reinforcing steel, the quantity, type, size, and details of connection and lifting hardware, the size and location of drain openings, and any additional details necessary.

Include a numbered wall component layout reflecting field verified horizontal and vertical alignment of the wall. Also include all information needed to erect the wall, including the proposed drilled shaft elevations and lengths, limits of riprap, the type, details, and construction procedure for connecting the wall to the grade beams, details necessary to account for change of grade, existing and proposed utilities, and any additional details.

If a proprietary option is being used, provide 2 sets of design calculations in addition to the casting and construction drawings that include a summary of design parameters used, including material types, strength values, allowable stresses, assumed loads and load combinations. Submit calculations covering the range of heights and loading conditions on the project.

If a proprietary option is used, provide drawings and design calculations that bear the seal of a licensed professional Engineer who is registered in the State of Texas.

Article 4017.4 "Measurement" is voided and replaced with the following:

This item will be measured by the square foot of front surface area of the noise wall, complete in place. The surface area of the grade beam is not included in noise wall measurement.

This is a plans quantity measurement item. The quantity to be paid is the quantity shown in the proposal and unless modified by Article 9.2 "Plans Quantity Measurement." Additional measurements or calculations will be made if adjustments of quantities are required.

Drilled shafts and grade beams for noise wall foundations will be measured and paid for separately under the appropriate item number.

Article 4017.5 "Payment." The second sentence is voided and replaced with the following:

This price is full compensation for furnishing and installing all noise wall materials including neoprene pads, polyethylene rods, PVC pipes, anchorage into the grade beam; for noise wall preparation, hauling and erection; and for equipment, labor, tools, and incidentals.