

**SECTION 00920 - SIGN SUPPORT FOOTINGS**

*(Follow all instructions and make all edits with "Track Changes" turned on. If there are no instructions [purple text] above a subsection, paragraph, sentence, or bullet, then include it in the Project. Delete all purple text before preparing the final document. All other modifications to this Section will require ODOT Technical Resource and State Specifications Engineer approval.)*

Comply with Section 00920 of the Standard Specifications modified as follows:

**00920.10 Materials** - Replace this subsection, except subsection number and title, with the following:

Furnish Materials for constructing sign support footings meeting the following requirements:

Anchor Bolts .....	02560.30
Backfill, unless otherwise directed ....	00510.10 or 00510.11
Commercial Grade Concrete.....	00440
Reinforcement .....	02510
Structural Concrete .....	00540

Furnish Commercial Grade Concrete for minor sign support foundations. Furnish structural concrete for major sign support foundations.

**00920.41 Concrete** - Replace the paragraph beginning "Construct concrete sign foundations..." with the following:

Construct concrete minor sign support foundations according to Section 00440 and the applicable portions of 00540.48(a). Construct major sign support footings according to Section 00540.

*(Use the following subsection .80 when minor or major sign supports are required.)*

**00920.80 Measurement** - Add the following to the end of this subsection:

*(Use the following paragraph and table when minor sign supports are required. Obtain support types and quantities from the Designer. Delete the entire row if the support type is not used on the project.)*

The estimated quantities of concrete for minor sign supports are:

Support Type	Quantity
Multi-Post Breakaway Sign Supports	cu. yd.

Triangular Base Breakaway Sign Supports	cu. yd.
Pipe Breakaway Sign Supports	cu. yd.
Perforated Steel Square Tube Slip Base Sign Supports	cu. yd.
90 Degree Rotational Sign Supports	cu. yd.
Pipe Sign Supports	cu. yd.
Perforated Steel Square Tube Anchor Sign Supports	cu. yd.

*(Use the following paragraphs and table when major sign support spread footings are required. Do not include any quantities for drilled shaft foundations, including the cap. Replace "(Support Type)" and "(Str. No.)" with specific information. Obtain support types, structure numbers, and quantities from the Designer. Replace "(Support Type)" only with one of the following:*

- Truss Sign Bridge
- Monotube Sign Bridge
- Butterfly Sign Structure
- Monotube Cantilever Sign Structure

*Delete materials and quantities that do not apply. Copy the table as necessary for additional locations.)*

The estimated quantities of Materials for major sign supports are:

Location	Material	Quantity
(Support Type)	Excavation	cu. yd.
Structure Number (Str. No)	Backfill	cu. yd.
	Concrete	cu. yd.
	Reinforcement	pound
	Miscellaneous Metal	pound

~~*(Use the following subsection .90 when major sign supports are required.)*~~

**00920.90 Payment** - Replace the paragraph that begins "Secure temporary concrete barrier to bridge ..." with the following paragraph:

Payment will be payment in full for furnishing and placing all Materials, and for providing all Equipment, labor, and Incidentals necessary to complete the Work as specified.

~~*(Use the following subsection .90two paragraphs when major sign supports are required.)*~~

Add the following paragraph to the end of this subsection:

No separate or additional payment will be made for structural concrete in major sign support footings.