

SECTION S412 - TEMPORARY PAVEMENT

S412 GENERAL

Work consists of construction of temporary pavement for maintenance of vehicular and pedestrian traffic as required in Contract Documents and as directed by Project Manager.

References to NYSDOT specifications are to be in accordance with *NYSDOT Standard Specifications (US Customary Units)* in effect at time of bid advertisement.

S412-2 MATERIALS

S412-2.01 Temporary Pavement - General

Following materials are acceptable for use:

- Asphalt pavement 19 F9 temporary binder course HMA 80 series compaction in accordance with NYSDOT Section 402 Hot Mix Asphalt (HMA) Pavements
- Asphalt pavement 19 F9 temporary binder course WMA 80 series compaction in accordance with NYSDOT Section 404 Warm Mix Asphalt (WMA) Pavements
- Recycled asphalt top or binder course in accordance with Section R404 Recycled Asphalt Concrete Pavement
- Asphalt millings

Asphalt millings are to be product of milling of existing asphalt concrete pavement. Asphalt millings are to be free of organic materials, gravel, crushed stone or any other material not direct product of milling process.

Asphalt cold patch material is unacceptable.

S412-2.02 Temporary Pavement - Winter Season

Temporary pavement section for winter season is to be unreinforced Class F or HES (high early strength) concrete in accordance with NYSDOT Section 503 Portland Cement Concrete Foundation for Pavement.

S412-2.03 Subbase Course

Subbase course material is to be Type 1 and Type 2 in accordance with NYSDOT Section 304 Subbase Course, with following modification:

Recycled materials, pulverized or recycled portland cement concrete aggregate (RCA) and brick, reclaimed asphalt pavement (RAP), and Corian® are unacceptable for use as subbase course materials, unless specifically authorized in writing by City Engineer.

S412-2.04 Tack Coat

Tack coat is to be diluted or straight tack coat mix in accordance with NYSDOT Section 407 Tack Coat.

S412-3 CONSTRUCTION DETAILS

S412-3.01 General

To maintain vehicular and pedestrian traffic, temporary pavement is to be placed as soon as backfilling operations have been completed, and as required by Resident Project Representative, and within 24 hours after having received notice.

Temporary pavement section may be constructed using asphalt millings only when hot or warm mix asphalt material is not available due to weather restrictions and only as approved by Project Manager.

Finished surface of temporary pavement section is to be firm, smooth, slip resistant, well drained, free of potholes, bumps, irregularities, and depressions, and fully accessible for persons with disabilities.

Proper equipment and personnel is to be available at all times in order to maintain temporary pavement section surface in safe and satisfactory condition. Special attention is to be given to maintenance of temporary pavement section during weekends, holidays, and winter season.

S412-3.02 Winter Season

Winter season time period runs from November 1st thru April 14th.

During winter season, if hot or warm mix asphalt material is not available for constructing temporary pavement section, Class F or HES concrete is to be used. If Project calls for using asphalt temporary pavement section, and Project extends into or thru winter season time period, temporary pavement section consisting of concrete is to be used regardless of which bid item has been included in Contract Documents.

Concrete is to be minimum 4 inches thick for streets designated as arterial and collector streets, and minimum 3 inches thick for streets designated as local residential streets and for alleys. Concrete surface is to be broom finished.

S412-3.03 Installation and Removal

Materials to be used for constructing temporary pavement section are to be placed in accordance with Contract Documents.

When construction of new pavement or sidewalk is to begin, temporary pavement section is to be removed and materials properly disposed of.

S412-4 METHOD OF MEASUREMENT

Quantity to be measured for payment will be number of square feet of temporary pavement constructed.

S412-5 BASIS OF PAYMENT

Unit price bid includes cost of: furnishing and placing asphalt, millings, concrete material, tack coat; maintenance; removal and disposal of temporary pavement section; and furnishing all labor, material and equipment necessary to complete work.

Unit price bid also includes cost of furnishing and placing of subbase course material as indicated in item description.

Payment will be made under:

ITEM NO.	ITEM	PAY UNIT
S412.07	Temporary Pavement	Square Foot
S412.08	Temporary Pavement with Subbase Course	Square Foot
S412.09	Temporary Pavement - Winter Season - 4" Concrete	Square Foot
S412.10	Temporary Pavement - Winter Season - 4" Concrete with Subbase Course	Square Foot
S412.11	Temporary Pavement - Winter Season - 3" Concrete	Square Foot
S412.12	Temporary Pavement - Winter Season - 3" Concrete with Subbase Course	Square Foot

REVISED November 30, 2021