***USP942 (05-17-21) (This Section requires SP2110.)***

***(Follow all instructions. If there are no instructions above a subsection, paragraph, sentence or bullet, then include them in the project but make necessary modifications to only include project specific specifications. Delete specifications that do not apply to the project. Remove all instructions before preparing the final document.)***

## SECTION 00942 - PERMANENT BARRICADES

Section 00942, which is not a standard specification, is included in this project by special provision.

**Description**

**00942.00  Scope** - This work consists of furnishing, fabricating, and installing permanent Type III barricades as shown.

**Materials**

**00942.10  Materials** - Furnish materials for permanent Type III barricades meeting the following requirements:

 Hardware 02910.40

 Posts 02110.40

 Reflective Sheeting (Type III or Type IV) 02910.20

**00942.11  Plywood:**

**(a)  General** - Construct all plywood signs for permanent signing from 3/4 inch high-density overlay plywood. Construct plywood signs for temporary signs from either 3/4 inch high-density overlay plywood or 3/4 inch medium-density overlay plywood. Plywood shall be Douglas fir plywood, Grade B-B exterior or better, conforming to *Product Standard PS-1 for Douglas Fir Plywood* published by the U. S. Department of Commerce.

**(b)  Overlay** - High-density and medium-density overlay shall be black or buff unless otherwise shown or specified. High-density and medium-density overlay shall conform to *Product Standard PS-1 for Douglas Fir Plywood*.

**(c)  Plywood Sealer** - Fill all voids in top or sides of panel with caulking compound after cutting plywood to size. Apply an approved plywood edge sealer tinted to match the color of the panel overlay material. The sealer shall be a medium oil alkyd primer.

**Construction**

**00942.40  General** - Construct permanent barricades as shown in the Contract Documents.

Place reflective sheeting on the horizontal member before assembling the required splice.

A sheeting manufacturer approved lubricant may be used on the nylon and metal washers to prevent sign sheeting deformation. Replace damaged horizontal members or horizontal members with sheet deformation at no additional cost to the Owner.

**Measurement**

**00942.80  Measurement** - The quantities of permanent barricades will be measured on the unit basis.

**Payment**

**00942.90  Payment** - The accepted quantities of permanent barricades will be paid for at the Contract unit price, per each, for the item "Permanent Type III Barricades".

Payment will be payment in full for furnishing and placing all materials, and for furnishing all equipment, labor, and Incidentals necessary to complete the work as specified.

No separate or additional payment will be made for excavation and backfill.