

INTEGRAL COLOR CONCRETE PIGMENT

**\*\*From Cavendish RREW12K**

- xx. DESCRIPTION. This work shall consist of incorporating an integral coloring pigment into concrete as specified in the Contract Documents and as directed by the Engineer.
- xx. MATERIALS. Where integrally colored concrete is specified, color additives shall meet the following requirements:
- (a) Type. Pigments shall contain pure, concentrated mineral pigments specifically processed for mixing into concrete, and shall comply with ASTM C979. Pigments shall be resistant to lime and other alkali, and sunlight, be inorganic, and contain no carbon black.
- (b) Pigment. Color pigment shall be "Kailua" manufactured by Davis Colors or an approved equal manufactured by the following:
- Davis Colors  
3700 East Olympic Blvd.  
Los Angeles, CA 90023
- L.M. Scofield Company  
4155 Scofield Road  
Douglasville, GA 30134
- Solomon Colors  
4050 Color Plant Road  
Springfield, IL 62702
- Dynamic Color Solutions  
2024 S. Lenox Street  
Milwaukee, WI 53207
- xx. SUBMITTALS. All preparation of the product and mixing shall be in accordance with manufacturer's requirements and the following:
- (a) Product Data. The Contractor shall submit manufacturer's product data for proposed materials and method of incorporating the pigment into the concrete mix to the Engineer prior to ordering materials or casting the precast concrete retaining wall blocks.
- (b) Samples. The Contractor shall submit 8 inch by 10 inch by 2 inch samples (or comparable size approved by the Engineer) of the specified colors indicating color additive number and required dosage rates prior to ordering materials or casting the precast concrete retaining wall blocks. The sample will be reviewed by the Engineer and if any adjustments are needed to the concrete color, they will be requested at that time. Production of integrally colored concrete shall not be advanced until the Engineer has provided written approval of the concrete color.

(c) Concrete Mix Designs. Concrete mix designs shall meet the requirements of RETAINING WALL of Section 900.

(d) Certification. The Contractor shall submit a manufacturer's certification to the Engineer, prior to casting the precast concrete retaining wall blocks, that the color pigment meets the requirements of these specifications.

xx. METHOD OF MEASUREMENT. The quantity of Special Provision (Integral Color Concrete Pigment) to be measured for payment will be the number of kilograms (pounds) used in the complete and accepted work, as determined from concrete batch tickets furnished to the Engineer. With written permission of the Engineer, the mass (weight) of small quantities may be determined by alternate methods. The Engineer will verify and document such mass (weight) determination.

xx. BASIS OF PAYMENT. The accepted quantity of Special Provision (Integral Color Concrete Pigment) will be paid for at the Contract unit price per kilogram (pound). Payment will be full compensation for furnishing, transporting, storing, handling, and incorporating the pigment into the concrete and for furnishing all labor, tools, equipment, and incidentals necessary to complete the work.

Payment will be made under:

<u>Pay Item</u>	<u>Pay Unit</u>
900.635 Special Provision (Integral Color Concrete Concrete Pigment)	Pound