

MONITORING GAUGE BOULDER

****From Cabot-Danville FEGC F 028-3(26) C/1**

- xx. DESCRIPTION. This work shall consist of obtaining, preparing, and placing a boulder to be used as a gauge to monitor surface water elevations at the location indicated in the Plans and as directed by the Engineer.

Monitoring gauge boulder shall be a boulder obtained from the field, then painted with a gauge, to be placed in the pool at Station 32+42 LT, as shown on the plans. Gauge to be used to monitor surface water elevations.

- xx. MATERIALS. The boulder shall be obtained from either on-site excavation or from the highway project. If no suitable boulder is available from either of these sources, the Contractor shall procure the boulder from another source.

The boulder shall be approximately four (4) feet in width X four (4) feet in height, and shall be approved by the Engineer prior to placement.

- xx. CONSTRUCTION REQUIREMENTS. The boulder shall be marked with gauge lines at 0.5 foot intervals, starting at zero near the bottom of the boulder and continuing through 4.0 feet towards the top of the boulder. The Contractor shall use a high-quality exterior paint to mark the boulder.

The boulder shall be placed with painted gauge facing southeast to facilitate monitoring. Following placement of the boulder, and allowing for as much time as possible for settling, the actual elevation of the 4.0 foot mark shall be surveyed, and that elevation shall be reported to the Engineer.

- xx. METHOD OF MEASUREMENT. The quantity of Special Provision (Monitoring Gauge Boulder) to be measured for payment will be for each boulder prepared and placed in the complete and accepted work.

- xx. BASIS OF PAYMENT. The accepted quantity of Special Provision (Monitoring Gauge Boulder) will be paid for at the Contract unit price for each. Payment will be full compensation for obtaining, transporting, preparing, placing, and surveying the boulder, 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>
900.620 Special Provision (Monitoring Gauge Boulder)	Each