

ITEM 615.04020025 - TEMPORARY PROTECTION BARRIER

1. DESCRIPTION:

- 1.01 This work shall consist of furnishing, installing, and maintaining temporary protection barriers of the type and at the locations shown in the plans or where directed by the Engineer.

2. MATERIALS:

- 2.01 Materials for temporary protection barriers shall conform to the following requirements and as ordered by the Engineer:
- A. Plastic barrier fence (orange or green color)
 - B. Steel Post (minimum length 6.0 feet)
 - C. #14 Gauge Steel Wire.

3. CONSTRUCTION DETAILS:

- 3.01 The temporary protection barriers shall be erected as shown on the plans or where directed by the Engineer.
- 3.02 Temporary barriers shall be not less than 4.0 feet in height.
- 3.03 Drive steel posts normal to the ground to a depth 1/3 of the total post length. Posts shall be spaced on 6.0 foot centers.
- 3.04 Place the plastic barrier fence along the side of all posts. Ends of fencing shall overlap a distance that is at least one half the fence height. Secure overlap with wire.
- 3.05 Secure fencing to post with wire at top, middle and bottom of post. Wire shall be tight enough to prevent the fencing from slipping down.
- 3.06 Barrier fence which is not orange in color shall be flagged at 6.0 foot intervals with red or orange florescent tape. Maintenance shall commence immediately after erection of the temporary protection barrier and continue until one (1) week prior to acceptance of the contract. The barrier shall not be temporarily removed to allow equipment access over a protected area, except as required for items of work specifically shown on the plans and approved by the Engineer in writing. Maintenance shall consist of replacing damaged post(s) and fencing, and tightening fencing.
- 3.07 Warning signs reading "Protected Site – "KEEP OUT" shall be mounted on the temporary protection barrier as required by the Engineer, but at no more than 100 foot intervals. Signs shall be 18 inch by 24 inch with 4 inch black letters on a white background.

4. METHOD OF MEASUREMENT:

- 4.01 Temporary protection barriers will be measured as the number of feet of barrier erected, measured along the top of the barrier erected.

5. BASIS OF PAYMENT:

- 5.01 The unit price bid per foot shall include the cost of furnishing all labor, materials and equipment necessary to satisfactorily complete the work.

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5. BASIS OF PAYMENT: (cont'd)

- 5.02 Relocation of the temporary barrier from one location to another as directed by the Engineer shall be considered as a new location and shall be separately paid.
- 5.03 Fifty percent (50%) of the price bid shall be paid after satisfactory installation of the temporary protection barrier. The remaining fifty percent shall be paid after complete removal of the temporary barrier except that any unit or length not properly maintained shall be deducted from the final payment on a prorated basis.