**SITE GRADING FOR CHANNEL RESTORATION:**

 (4-15-25)

**Description**

Perform grading to restore the existing stream channel as necessary to attain final surface elevations as shown on the plans.

This work shall consist of grading, cleaning and reshaping existing channels, ditches and streambeds as shown on the plans and as directed by the Engineer. This work shall also include the removal of excess material as directed by the Engineer.

## **Construction Methods**

**(A) Channel Excavation/Debris Removal**

The grading, cleaning and reshaping of the existing stream channel and ditches shall consist of rendering the stream channel and ditches free of obstruction including the removal of earth, stone, wood, artificial debris and other debris to the elevations shown on the plans or as directed by the Engineer. Earth, stone, wood, artificial debris and other debris shall be disposed of offsite or placed as directed by the Engineer.

Conduct excavation between the top of banks within the limits shown on the plans or as directed by the Engineer. Remove the existing material and debris, returning the stream channel back to preexisting grade or to the extent possible as approved by the Engineer. While grading operations are underway, care shall be taken not to damage the existing infrastructure at the site. Material excavated during ingress operations shall be stockpiled on site and used to return the access route back to preexisting conditions, or to the extent practical as approved by the Engineer.

Excess material shall be stockpiled, placed, or removed from the site as directed by the Engineer.

**(B) Site Grading**

Perform grading as necessary to attain final surface elevations as shown on the plans. Field modifications shall be approved by the Engineer. Final grades shall meet the plan and stream dimensions within a tolerance of +/- 0.2 feet (2.4 inches).

## **Measurement and Payment**

*Site Grading for Channel Restoration* will be paid at the contract lump sum price.

Price and payment includes but is not limited to furnishing all labor, materials, tools, equipment, storage of material excavated, removal of excess materials and other incidentals necessary to perform the required work.

Payment will be made under:

|  |  |
| --- | --- |
| **Pay Item** | **Pay Unit** |
| Site Grading for Channel Restoration | Lump Sum |