

All posts shall be set vertical. In setting the posts precautions shall be taken to insure proper alignment and leveling to prevent springing or bending the railing in erecting.

All railings shall be straightened as required before setting up. All horizontal pipes shall be provided with approved expansion couplings at intervals of not more than 15 meters.

Welding shall conform to the requirements of Subsection 960.61.

After erection and welding all welds shall be cleaned and coated with a spot coat of M7.04.07 (TT-P-641G, Type 11 Primer Coating: Zinc Dust-Zinc Oxide).

The fabricator shall be on the Department's approved fabricator's list.

660.61 Painting.

After erection and welding the completed rail shall be painted with one (1) coat of M7.04.07 and a color coat of M7.03.02, Color No. 10075. Painting shall conform to Subsection 960.63.

COMPENSATION

660.80 Method of Measurement.

The pipe rail will be measured in place and the quantity to be paid will be the length as constructed outside to outside of end posts or top rail whichever is the greater.

660.81 Basis of Payment.

The pipe rail will be paid for at the contract unit price per meter under the item for Metal Pipe Rail, complete in place.

660.82 Payment Items.

660.	Metal Pipe Rail	Meter
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SECTION 665

**FENCES AND GATES REMOVED AND RESET, AND
 REMOVED AND STACKED**

DESCRIPTION

665.20 General.

This work shall consist of removing present fences and gates and resetting or stacking them in accordance with these specifications and in close conformity with the lines and grades shown on the plan or established by the Engineer.

MATERIALS

665.40 General.

The materials removed shall be utilized in the fence and gates for resetting except, where necessary, new posts and bases shall be furnished by the Contractor. Any materials missing, damaged or lost during or subsequent to removal shall be replaced by the Contractor without any additional compensation.

All new materials required shall be equal in quality and design to the materials in the present fence or gates.

CONSTRUCTION METHODS

665.60 Removal.

The present fences and gates together with all appurtenances shall be carefully removed and satisfactorily stored and protected until required for resetting. Old post holes shall be backfilled with suitable material properly compacted.

665.61 Erection.

Fences shall be reset plumb on the new line and grade as required and shall conform to the original fence or as the Engineer directs. Backfilling around the posts shall consist of suitable material satisfactorily compacted. If the fence posts were originally set in concrete bases they shall be reset in their new locations in concrete bases, conforming to M4.02.00 for 30 MPa - 40 mm - 335 kg Cement Concrete.

If repainting of fences which have been painted originally is required, such work shall be done as directed. Gates shall be reset where and as directed. Painting, if required, shall be done as directed.

665.62 Stacking.

The fencing, posts, braces and gates shall be carefully removed from their present locations, transported and stacked neatly on wooden planks at the locations directed on the project, to be available and convenient for final removal from the project by the owner.

The Contractor will be held responsible for the fencing, posts, braces and gates, and any damage to same prior to final removal from the project, but the Contractor's responsibility will cease upon final acceptance of the work, or 60 days from the time a certified notice (with copy to the Engineer) is sent by Contractor to owner of material that all material is available for removal.

COMPENSATION

665.80 Method of Measurement.

The measurement of Fences Removed and Reset shall be made in the final position from outside to outside of end posts or top rail whichever is the greater. Any remaining fence not required to be stacked shall become the property of the Contractor and shall be removed from the work without additional compensation.

Fences Removed and Stacked will be measured in its original position and the quantity to be paid for will be the length actually removed and stacked, including wooden gates.

Gates with gate posts removed and reset, complete in place, will be considered as a unit.

Chain Link Gates with gate posts removed and stacked will be considered as a unit.

665.81 Basis of Payment.

Removing and resetting fences will be paid for at the contract unit price per meter of Fence Removed and Reset, complete in their final positions.

Removal and resetting of gates with gate posts will be paid for at the contract unit price each under the respective item.

Removing and stacking fencing will be paid for at the contract unit price per meter of Fence Removed and Stacked.

Removing and stacking of chain link gates with gate posts will be paid for under the item for Chain Link Fence Gate with Gate Posts Removed and Stacked.

Allowance for rock, if not already paid for under previous rock excavation, shall be made in accordance with the provisions as stipulated under Class B Rock Excavation.

665.82 Payment Items.

665.	Fence Removed and Reset	Meter
666.*	___ meter Chain Link Fence Removed and Reset	Meter

667.*	___ meter Chain Link Fence Gate with Gate Posts Removed and Reset	Each
668.	Iron Fence Removed and Reset	Meter
669.	Stock Fence Gate Removed and Reset	Each
670.	Wood Gate Removed and Reset	Each
671.	Fence Removed and Stacked	Meter
672.*	___ meter Chain Link Fence Removed and Stacked	Meter
673.*	___ meter Chain Link Fence Gate with Gate Posts Removed and Stacked	Each
144.	Class B Rock Excavation	Cubic Meter

*Height to be inserted.

SECTION 685

FIELD STONE MASONRY

DESCRIPTION

685.20 General.

This work shall consist of the construction of field stone masonry consisting of angular blasted or field stones having straight edges, but with faces not necessarily rectangular in shape, laid either in cement mortar or dry in accordance with these specifications, and in close conformity with the lines and grades shown on the plans or established by the Engineer.

MATERIALS

685.40 General.

Materials shall meet the requirements specified in the following Subsections of Division III, Materials:

Stone for Field Stone Masonry	M9.04.4
Mortar	M4.02.15

CONSTRUCTION METHODS

685.60 Shaping Stones.

Selected stone, roughly shaped to provide suitable exposed faces, shall be used at all angles and ends of walls.

All shaping of stone shall be done before the stone is laid in the wall. If a stone is loosened after the mortar has set, it shall be removed, the mortar cleaned off and the stone relaid in fresh mortar.

685.61 Headers.

Headers shall occupy at least 1/4 the face area of the wall and shall be evenly distributed. Headers in walls 600 millimeters or less in thickness shall extend entirely through the wall.

685.62 Laying Stone.

The masonry shall be laid and the face pattern shall be of uniform appearance throughout. The stones shall