

CONCRETE STEPS WITH HANDRAIL EXTENSIONS

****From Statewide STP SDWK(11)**

xx. DESCRIPTION. This work shall consist of furnishing and installing new concrete steps with handrail extensions at the locations indicated in the Plans and as directed by the Engineer.

xx. MATERIALS. Materials shall meet the requirements specified in the Plans.

The Contractor shall submit for approval by the Engineer product data sheets for primer and paint. The primer shall be a good quality zinc rich primer for use on exterior metals. Paint shall be two coats of good quality epoxy paint recommended for use for touch up of exterior powder coat surfaces. Color and finish shall match the existing hand rails.

xx. GENERAL REQUIREMENTS. The Contractor shall perform demolition of the existing bottom stair tread, support the existing handrails during construction, and construct the concrete step and handrail extensions as shown in the Plans.

Concrete steps and handrails shall be constructed to the configuration detailed in the Plans.

xx. CONSTRUCTION REQUIREMENTS. The Contractor shall field measure the existing step and railing and report to the Engineer any discrepancies between field conditions and the Plans.

The new concrete steps shall be constructed as shown in the Plans and shall match the dimensions of the adjacent existing step to remain.

The new railing extensions shall match material, finish, dimensions, shape, and slopes of the existing handrails.

The Contractor shall grind smooth and finish the ends of the existing rails and the rail extensions. The Contractor shall apply two coats of zinc rich primer and two coats of epoxy paint. New top rail, curved end return, pickets, and bottom rail shall match existing rail.

The Contractor shall repair, in kind, any damage to the handrails caused by the carelessness or negligence of the Contractor. The Contractor shall refinish any scratches, chips, nicks, or rusted areas on any surface of the handrails. Work shall include sanding damaged areas down to bare metal and applying primer and paint, so that the handrails are completely covered with either the original powder coat or refinished paint surface.

xx. METHOD OF MEASUREMENT. The quantity of Special Provision (Concrete Steps with Handrail Extensions) to be measured for payment will be on a lump sum basis in the complete and accepted work.

xx. BASIS OF PAYMENT. The accepted quantity of Special Provision (Concrete Steps with Handrail Extensions) will be paid for at the Contract lump sum price. Payment will be full compensation for furnishing and

installing the materials specified, 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>
900.645 Special Provision (Concrete Steps with Handrail Extensions)	Lump Sum