

ITEM 010390

Item 0103901 - STRIP EXISTING PAVEMENT FROM RIGID BASE ROAD

Item 0103902 - STRIP EXISTING PAVEMENT FROM FLEXIBLE BASE ROAD

DESCRIPTION

Work under this item shall consist of removing and legally disposing of all bituminous and/or asphaltic concrete material(s) from an existing concrete base (rigid base) or gravel base (flexible base) roadway. This work shall be accomplished through the use of a scarifying or stripping technique by which the existing surface pavement material(s) are loosened, broken free, and removed from the existing road base by suitable equipment.

The Contractor shall take all precautions to insure that no damage to the existing road base occurs as a result of his operations.

Work under this item shall also include the removal of pavement materials from around manholes, catch basins, gate boxes, radii, and any other structure within the limits of construction including work by hand, if necessary.

On flexible base roads grading work will be necessary to reshape the existing base to the required cross-section and profile.

All work shall be completed in accordance with the lines, grades, limits, and details as shown on the plans or as ordered by the Engineer.

REFERENCED ITEMS

Items 0102802, 0104101 and 010430

REQUIRED SUBMITTALS

None

MATERIALS

The equipment used for this work shall be a commercially designed and manufactured, self-propelled, track or tire mounted machine(s) capable of breaking, loosening, removing and loading existing pavement material(s) without causing damage to the existing road base.

A gasoline powered air compressor(s) with pavement breaker(s) and miscellaneous hand tools may be required for areas inaccessible to the larger machine(s).

Sweeping equipment shall be a motorized self-loading power broom capable of adequately cleaning the ridged base of all foreign matter, and debris.

Equipment used for grading purposes shall be a motorized-self-propelled commercially designed and manufactured grading machine(s) capable of maintaining a uniform and accurate grade.

CONSTRUCTION METHODS

1. GENERAL

Prior to beginning work all applicable traffic and pedestrian phasing patterns, devices, and or signage shall be in place. If construction phasing plans exist work shall be completed in accordance with these plans.

All traffic control devices such as signs, drums, barricades, etc. shall be in place as per the construction phasing plans, or in the absence of such plans as per the direction of the Engineer. Traffic police officers, if required by the engineer, shall be ordered in advance by the contractor and shall be located as required by the Engineer. Payment for traffic police officers if used will be made under Item 0107701.

All necessary tools, labor, equipment and supervisory personnel shall be on site and available as required.

The Contractor shall have sufficient trucks to insure these operations are continuous and without delay. No stockpiling of material will be allowed on the site and all debris shall be removed promptly.

2. CONCRETE BASE

The Contractor shall first saw cut the bituminous pavement at the limits of construction or where ordered by the Engineer. Care shall be taken with regard to depth of cut so as to avoid cutting the concrete pavement base. Saw cutting bituminous pavement will be paid for under Item 0102802.

The Contractor shall then carefully scarify, break, loosen and strip away the existing bituminous and/or asphaltic concrete material(s) from the Portland cement concrete base. All work shall be conducted and executed in such a manner that is satisfactory to the Engineer, and causes no damage to the existing concrete base. The resulting concrete base to be exposed shall be free from all extraneous material(s).

Care shall be taken when working in the vicinity of manholes, gate boxes, catch basins, or other structures within the limits of construction. Work by hand may be required in these areas or in small areas inaccessible to larger equipment.

Upon completion of stripping operations the contractor shall be required to sweep the exposed concrete base. All loose particles, materials and dust shall be removed to the satisfaction of the Engineer. Water shall be applied during sweepings to aid in minimizing dust. Sweepings may be ordered periodically by the Engineer at his discretion. In all cases the existing surface shall be swept just prior to paving operations.

The Contractor shall construct temporary bituminous transition ramps at the project limits, at intersecting streets and at all driveway entrances. Temporary ramps shall be constructed around manholes and utilities as detailed on the plans or as ordered by the Engineer. Payment for this work will be made at the contract unit bid price for Item 0104702. Such temporary ramps shall be removed just prior to paving operations unless otherwise ordered by the Engineer.

The Contractor shall notify the Engineer once the concrete base has been swept. That the concrete base is now available for inspection. The Engineer or his designee shall, within 24 hours inspect the concrete base for deficiencies and unsuitable areas. If deficiencies within the existing base are found, the Engineer shall define the specific area(s) and order these areas to be repaired or reconstructed. This work, if so ordered, shall be completed in accordance with the provisions of Item 0104101. Payment for this work shall be made at the contract unit price for Item 0104101. In the absence of this bid item from the proposal, a unit price shall be negotiated between the parties.

3. FLEXIBLE BASE

The Contractor shall first saw cut the existing pavement at the limits of construction or where ordered by the Engineer. Saw cutting will be paid for under Item 0102802.

The Contractor shall then carefully scarify, break, loosen, strip and remove the existing bituminous and or asphaltic concrete surface from the existing traprock or gravel base.

Care shall be taken when working in the vicinity of manholes, gate boxes, catch basins, or other structures within the limits of construction. Work by hand may be required in these areas or small areas inaccessible to larger

equipment. Once all extraneous material has been satisfactorily removed from the site the contractor shall grade the existing traprock or gravel base to the proposed lines and grades as indicated on the plans. This work shall consist of cutting, or grading high areas, if any, and utilizing excess material to fill low areas, if any. This work shall be completed until a uniform, consistent grade has been achieved as required by the plans, and satisfactory to the Engineer.

In the event that additional material is required to achieve proposed grade. The Contractor shall furnish, place, grade and compact process traprock consistent with the requirements of Item 0103703. Should this work be required, it shall be paid for at the contract unit price for Item 0103703.

Should grading operations result in a net cut, or an excess of material, the Contractor shall be required to remove all excess material from the site. Excess material shall be legally disposed of and no additional payment will be made for this work if it is required. It is the responsibility of the Contractor to determine net volume(s). No warranty or guarantee is made as to the accuracy or uniformity of any underground investigations, or borings, if any. As a result, the City will not entertain any claims for additional compensation on the basis that actual field conditions differed from those indicated or represented in any subsurface investigation.

Compaction shall be completed as specified under the construction methods of Item 0103703.

Temporary gravel transition ramps shall be constructed at all construction limits, intersections and drives. Temporary ramps shall be placed around all utility structures as detailed on the contract plans. Ramps shall be removed, and the area brought to proposed grade just prior to paving. No additional payment for this work will be made.

METHOD OF MEASUREMENT

This work will be measured for payment by the actual number of square yards (S.Y.) of "STRIP EXISTING PAVEMENT FROM RIGID BASE" or "STRIP EXISTING PAVEMENT FROM FLEXIBLE BASE" completed as specified, and accepted by the Engineer.

BASIS OF PAYMENT

Payment for this work will be made at the appropriate contract unit bid price for "STRIP EXISTING PAVEMENT FROM RIGID BASE ROAD" or "STRIP EXISTING

PAVEMENT FROM FLEXIBLE BASE ROAD". Said price shall include all labor, materials, equipment, tools, and incidental expense necessary to complete the work as specified herein, and to the satisfaction of the Engineer.

<u>PAY ITEM</u>	<u>DESCRIPTION</u>	<u>PAY UNIT</u>
0103901	Strip Existing Pavement from Rigid Base Road	SY
0103902	Strip Existing Pavement from Flexible Base Road	SY