

**ITEM 04502.8026 M - PAVEMENT REMOVAL FOR FULL DEPTH PCC
PAVEMENT REPAIRS**

- LIFT OUT METHOD

**ITEM 04502.8027 M - PAVEMENT REMOVAL FOR FULL DEPTH PCC
PAVEMENT REPAIRS**

- EXCAVATION METHOD

DESCRIPTION

This work shall consist of removing and disposing pavement for full depth pavement repairs at various locations or where directed by the Engineer.

MATERIALS

(None Specified)

CONSTRUCTION DETAILS

The Contractor shall use the lift out method to remove concrete pavement for full depth pavement repairs. The Contractor shall use the excavation method in place of the lift out method for the following types of removal:

1. When the concrete slab is asphalt covered and/or broken into small pieces.
2. The concrete pavement has been replaced with full depth asphalt.
3. When directed by the Engineer.

Areas where the excavation method may be used are indicated in the contract plans, however not all location may have been identified due to field conditions. Once the pavement has been evaluated and marked out, the removal method will have been determined as outlined above. The unit price bid for these items shall reflect any changes due to field conditions.

Lift out Method - The removal shall be accomplished by inserting lift pins into the pavement sections, lifting out the pavement sections and disposing of the concrete pavement sections. The Contractor shall make any intermediate full depth saw cuts needed to facilitate the removal of the concrete pavement. No over sawing shall be allowed for any intermediate cuts. If in the opinion of the Engineer the removal needs to be safer, the Contractor shall make the pavement removal sections smaller. Other equivalent non-destructive means of pavement removal may be used if acceptable to the Engineer.

Excavation Method - Pavement breakers or methods that break the pavement into smaller pieces shall not be permitted. The removal shall be accomplished by any other suitable means that does not damage the subbase materials. The Engineer shall be notified of the excavation method to be used. The Engineer will inform the Contractor if the method is acceptable. The Contractor shall not use a method unacceptable to the Engineer.

Some disturbance or removal of the subbase material is expected and shall be repaired as detailed in the contract plans. Any repair of the subbase material shall be in conformance with the standard specifications, section 203-3.12 "Compaction".

Shoulders - The Contractor shall inform the Engineer of any work needed in the shoulder areas to facilitate the pavement removal. The Contractor shall restore the shoulder to the satisfaction of the Engineer. The Contractor shall have the approval of the Engineer prior to being any needed shoulder work.

Damage - Any adjacent pavement, subbase material, curb, drainage structure or other appurtenance that are to remain in place and are damaged by the removal operation shall be replaced in kind by the Contractor at his expense. Any disturbed subbase materials shall be compacted in conformance with the standard specifications, section 203-3.12 "Compaction".

Disposal - The Contractor shall be responsible for the disposal of all pavement and subbase materials removed to complete full depth pavement repairs. The disposal of all removed material shall be accomplished in a manner acceptable to the Engineer.

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METHOD OF MEASUREMENT

This work shall be the number of square meters of pavement removed and disposed in accordance with the plans, this specification and as directed by the Engineer.

BASIS OF PAYMENT

The unit price bid shall include the cost of all labor, materials, and equipment necessary to complete the work in accordance with this specification. In addition, the work shall include the cost of all intermediate saw cuts and shoulder work needed to facilitate pavement removal. Any subbase repairs up to a maximum depth of 100 mm, unless otherwise ordered by the Engineer, will be made under the items provided in the contract plans.

ITEM	DESCRIPTION	UNITS
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