

Item C253A - Pavement Repair - Special

C253A.1 Description

C253A.2 General

C253A.3 Utilities

C253A.4 Traffic Control

C253A.5 Basis of Payment

C253A.1 Description. This item of work shall consist of providing full depth, permanent pavement repair in areas where the pavement has been disturbed due to repair of water main leaks and where other significant deterioration has occurred.

The work shall consist of removing existing asphalt, brick, Portland cement concrete, aggregate or asphalt pavement courses and gravel backfill, shaping and compacting the exposed material, and placing new asphalt, aggregate and asphalt pavement courses in accordance with this specification and the details shown on the plan or established by the Engineer.

The work done shall conform to ODOT Item 253, Pavement Repair, of the Construction and Materials Manual, latest edition, and Item C441 (448), Asphalt Concrete, and shall include the following supplemental specifications.

C253A.2 General. The Engineer will designate the limits of the areas to be repaired prior to the start of work. The existing pavement shall be saw cut at these limits as specified and as necessary to prevent disturbing or undermining the abutting pavement during removal.

Pavement in the areas shall then be removed completely to the depth specified in accordance with Item C202 and in a manner that does not displace, undermine, or otherwise damage the abutting pavement. The exposed underlying material shall be shaped and compacted as directed by the Engineer.

The replacement material shall be placed in lifts, as specified. Prior to placing asphalt concrete, all vertical faces shall be cleaned and coated with asphalt material in accordance with Item 401.14. Each lift shall be compacted thoroughly and uniformly as directed by the Engineer. The final lift shall be finished at least flush and not more than 1/4 inch above the surface of the abutting pavement and all edges shall be sealed with a 4-inch AC ribbon.

The 2 types of patches are designated as Type A and Type B. Type A patches are those located on residential roadways and consist of 7 inches of ODOT Item 301 placed in two lifts and 2 inches of Item C441 (448), Type 1, Asphalt Concrete, PG 64-22. Type B patches are those located on collector or arterial roadways and consist of 10 inches of ODOT Item 301 placed in two or three lifts and 2 inches of Item C441 (448), Type 1, Asphalt Concrete, PG 64-22.

Unsuitable subgrade material shall be removed as directed by the City Engineer and replaced with 4" of ODOT Item 304 - aggregate base.

C253A.3 Utilities It is the Contractor's responsibility to have all manholes, valve boxes, underground utilities, etc. located prior to beginning the pavement repair operation. Under most circumstances, damage to any utility will be repaired at the Contractor's expense.

C253A.4 Traffic Control Traffic shall be maintained at all hours of the workday. Ingress and egress shall be provided for all driveways and at no time shall both sides of the street be blocked for pavement repair so as to prohibit vehicular traffic. Barricades, signs and warning lights shall be in accordance with the Ohio Manual of Uniform Traffic Control Devices. The Contractor shall be responsible for all traffic control as part of this Item. On arterials roadways, work hours will be limited between the hours of 8:30 A.M and 3:30 P.M.

C253A.5 Basis of Payment. The price bid for this item shall include all labor, materials and equipment incidental to excavate or grind, dispose and replace the pavement and base, and seal as shown on the plans or directed by the Engineer.

Payment will be based on the unit price bid:

Item	Unit	Description
C253	Square Yard	Pavement Repair, Type A
C253	Square Yard	Pavement Repair, Type B