

SCOPE OF WORK

The Harrington Fire Department Parking Lot Paving Project consists of parking lot improvements located at 20 Clark Street in the City of Harrington, Kent County, Delaware. The extent of the work performed shall include all materials, labor, and equipment to perform the necessary layout, demolition, construction, and rehabilitation as described in the specifications and details. The work includes, but is not limited to the following:

1. Engineering layout of all proposed elements of construction to the specified lines and grades including milling of existing road surfaces, repaving of milled surfaces, removal and replacement of failed subgrade. All limits of work shall be marked out and approved by the engineer prior to excavation. All pavement rehabilitation will be laid out to match existing conditions and grade. Any discrepancies in grades shall be brought to the attention of the Engineer so as to allow for design adjustments prior to construction.
2. Maintenance and protection of traffic in accordance with DeIDOT requirements.
3. Installation of Inlet Protection, in accordance with the Standard Details of the Delaware Erosion and Sediment Control Handbook, in each inlet located within all work areas to be milled and overlaid.
4. Sawcutting of existing bituminous, stone and concrete surfaces along the established limits of work as incidental to the contract work items. The Contractor shall make every effort to limit sawcutting of concrete sidewalk and curb to existing control joints. Any limits of work established between existing joints shall be brought to the attention of the Engineer and approved prior to sawcutting.
5. Pavement Milling. The contractor shall review the limits of milling with the Engineer prior to milling. Partial profile milling of portions of the parking lot to restore a consistent cross slope, and/or correct areas of ponding as directed by the engineer. Two-inch overlay of the entire parking lot surface. Tack coat shall be applied to the parking surface prior to pavement overlay. The contractor shall mill the existing asphalt surface and restoration areas to a depth of 2". Payment for "Pavement-Milling, Hot-Mix, 2" Depth" shall be made per Square Yard (SY) in accordance with Section 760 of the DeIDOT Standard Specifications.
6. Base Repairs. After milling, the contractor shall have a fully loaded tri-axle dump truck perform a test roll for the Engineer to observe. The Engineer will mark out any areas for base repairs. The contractor shall perform base repairs in the locations determined by the Engineer. Payment for base repairs will be made according to the Square Yard (SY) unit price bid for "Base Repair, 6" Depth, If & Where Directed" for the measured area of base repairs actually performed. Payment for base repair shall include sawcutting and excavating unsuitable material, placing graded aggregate base course to a compacted depth of 4" below the surrounding surface grade, preparation of subbase, furnishing, hauling and placing 4" bituminous concrete base course.
7. Surface Course. The contractor shall install surface course pavement. Payment for "Hot-Mix, Hot-Laid Bituminous Concrete Pavement, Type C, 2" Depth" will be made per Ton (TON) of material installed. Payment shall include sealing all joints with asphaltic material.
8. Striping. Prior to milling, the contractor shall inventory all existing pavement striping including the concrete pad in front of the bay doors of the fire station building. After surface course paving is completed, the contractor shall replace all striping according to the inventory of existing striping. Payment for "Striping, Including Inventory of Existing" shall be made as a Lump Sum (LS) once all striping work is completed.
9. Removal of existing features as incidental to the contract work items, including but not limited to: metal plates, pipes, concrete slabs, stone, bricks and all foreign materials encountered during excavation for contract items.

10. Topsoil, Fertilizing, and seeding of all disturbed grassed areas.

ADDITIONAL REQUIREMENTS

1. All work by the Contractor must be 100% complete within the specified calendar day time limit.
2. All related incidental work, dust control, erosion control, cleaning and restoration shall be included in the contract bid price. These activities are not separate pay items and shall be included in the overall cost of the project.
3. All materials, construction procedures, type and use of equipment, measurement and payment shall be in accordance with the Delaware Department of Transportation Specifications, unless otherwise noted and/or added into these specifications.
4. The Contractor is responsible for construction layout of this project. The Contractor shall forward all construction layout survey information to the Engineer for reference including; benchmarks, stationing and elevations.
5. Contractor shall notify "Miss Utility" (1-800-257-7777) at least 48 hours prior to start of excavation.
6. Contractor shall establish contact with an individual from each local utility prior to commencement of excavation for the construction of proposed concrete vertical curb. The Contractor shall notify the Engineer and the Utility Owner immediately should a conflict occur in the limits of construction. The Contractor shall be responsible for coordination of all work to be performed by the Utility Owner with regards to the work included in this contract. Additional payment will not be made for delays incurred or additional work performed due to conflicts with existing utility mains or service lines.
7. All paved and concrete areas disturbed during construction shall be restored to a condition at least equal to that which existing prior to the start of construction.
8. All grassed areas disturbed during construction shall be topsoiled, fertilized and seeded. No additional payment will be made for restoration of grassed areas but the cost shall be included in the various items of the proposal.
9. All fill shall be placed in 12" lifts and thoroughly compacted to the satisfaction of the Engineer. If borrow fill is required, it shall be subject to the approval of the Engineer.
10. The contractor shall be responsible for the location and preservation of underground and surface utilities and structures at or adjacent to the site of construction and it shall be at his own expense to repair or replace anything that is damaged.
11. Payment will not be made for the relocation of existing signs, but shall be included in the various items of the proposal.

END OF SECTION