

Cumberland Trail State Park
817 Mowbray Pike
Soddy Daisy, TN
(423) 533-2928

Mowbray Pike Trailhead Parking Area Repair

Scope:

Contractor shall provide all labor, equipment, and materials necessary to repair the Mowbray Trailhead located on Mowbray Pike near Soddy-Daisy. All work shall be performed to the latest industry standards for each trade and all materials shall be installed in accordance with the manufacturer's recommendations. All work shall comply with IBC and ADA if applicable. This is considered a turnkey project and final clean up shall be included in the bid. Erosion control products shall be used as needed. Contractors shall work with park staff and Facilities Management to schedule this project once awarded.

Project shall be completed by December 18th, 2023

Existing:

The existing trailhead has a gravel lot and a wooden retaining wall. The wooden retaining wall has deteriorated due to weather, and now there is little to no clear barriers to contain the vehicles to the parking area. Visitors are parking on the hill sides and causing erosion issues. Visitors are also using illegal egress onto neighboring private property.

Excavation:

The contractor shall excavate approximately 26-feet toward the north, northeast adjacent to the existing parking area. The area will be approximately 26-feet x 100-feet and marked with grade stakes painted orange. The existing wooden retaining wall and kiosk will be removed. The contractor will be responsible for building a new kiosk that will be located where the trail enters the wood line. The exact location will be marked by grade stakes painted green. All dirt and rock removed will be hauled off site to an approved area (Barker Camp) belonging to the park. There are several large trees at the edge of the woods that will be removed to an approved site belonging to the park. These trees are marked with orange ribbon.

Installation:

The contractor shall install two block retaining walls. The first wall will be installed at the 60-feet and shall be finished to a height of 44-inches and a 5-foot step back. The second wall shall be constructed to the height of the contour slope of the ground, with compacted no. 57 gravel base and 6-inch corrugated pipe with sock along the first course to provide drainage on both walls. Geo grid shall be installed on every third course. The walls shall contain two 90 degree turns with drains stopping at the ends of

both walls. Upon completing the walls, matching cap block shall be permanently attached using approved concrete adhesive.

The contractor shall install a base layer of no. 57 crushed limestone gravel on the entire parking area. The entire parking area shall be covered with asphalt of a 2-inch base layer (307BM) with a 1.5-inch finish layer (411E). The contractor shall install 4-foot wide and approximately 38-feet of paved walking trail in the center of the west end of the parking lot to connect with the original walking trail. The parking lot shall have no more than a 4-percent slope from north to south. The contractor will be responsible for striping the parking spaces for this area.

Block specifications:

Gravity Stone Tradition Encore (Westblock Systems) or equal, with matching cap block

Dimensions: 12"x 8"x 18"

Weight: 75 lbs.

Face area: 1 sq ft.

Kiosk specifications:

All components are to be pressure treated (6-inch x 6-inch, 4-inch x 6-inch, 2-inch x 4-inch, plywood) and all fasteners are to be exterior grade. Overall dimension of the 6-inch x 6-inch frame is 83-inches x 26-inches, the plywood bulletin board is 48-inches x 72 inches. The kiosk will be roofed with a metal roof system including all necessary hardware, ridge cap, drip edge, and metal roofing panels. The roof color will be green. All 6-inch x 6-inch pressure treated posts are to be installed a minimum of 30-inches deep in the ground and shall have 160 pounds of Quikrete per post. Kiosk shall be positioned to the right of the trail.

Additional Conditions:

This is a turnkey job. All aspects of this job shall be left in a finished condition: All finish work, interior and exterior walls and trim, finish painting, caulking and final cleanup are included in this contract.

All bidders are advised to visit site to verify all conditions and dimensions. No allowances shall be made by the agency due to any bidder neglecting to visit the site and verifying dimensions and conditions.

All bids over \$100,000 shall include provisions for a payment bond in the amount of twenty-five percent (25%) of the contract price.

Contractor shall be responsible for determining where all utilities are on the job site and care should be taken to protect the utilities from any damage caused by the demo/construction. This shall include any underground utilities around the job site area. If damage occurs, it shall be repaired within a 24-hour period from the time damage occurs.

Contractor shall perform work on regular time and shall invoice work time and material not to exceed the quoted price. Any variance in quote shall be addressed with a representative of Facilities Management, East TN Regional Office (ETRO) before additional work or materials are supplied.

Work shall be scheduled to avoid any interference with normal operation of the park as much as possible. During the construction period, coordinate construction schedules and operations with the agency. Work shall be conducted during the normal business hours of Monday through Friday, 8:00 a.m. to 4:30 p.m., unless approval for an alternate schedule is arranged with Facilities Management.

Successful contractor shall schedule and attend a pre-construction conference where a pre-construction form shall be signed by Facilities Management, Contractor and Park Manager or park representative before work can begin. Contractor shall also schedule and attend a final inspection where a final inspection form shall be signed by Facilities Management, Contractor and Park Manager or park representative before invoice shall be paid.

Project shall begin within 15 days of Purchase Order issuance and be completed by December 18, 2023, unless other agreement has been approved by Facilities Management, ETRO.

The contractor shall protect areas adjacent to his work and shall be required to repair any damage he may cause. Contractor shall protect work of other trades. Contractor shall correct any painting related damage by cleaning, repairing, or replacing, and refinishing as directed by Facilities Management.

Workmanship is to be warranted for not less than one year from date of final inspection. Materials shall be warranted as per manufacturer warranty.

All materials, equipment, and supplies shall be new and in good condition, UL listed when applicable, and all work accomplished in a manner acceptable to Facilities Management.

Submittals shall be required on all materials and shall be presented for approval by the State of Tennessee representative: Facilities Surveyor, Facilities Manager or Park Manager.

Clean up of the project site shall be the responsibility of the contractor. Contractor shall assure that job site is clean of nails, debris, etc., at end of each day to ensure safety. Contractor shall clean up and haul away all scrap when work is completed to an approved location off state property.

Contractor, employees, or sub-contractors shall be licensed, certified, or registered as required. They shall be registered in the State of Tennessee Edison purchasing system.

The contractor shall have a Certificate of Insurance on file with Facilities Management.

The State of Tennessee shall not be held liable for any damage, loss of property, or injury of personnel resulting from actions of the contractor and/or his/her sub-contractors or employees.

Contractor shall obtain all fees and permits required for project. Contractor shall have a copy of project specifications, permits, and certificate of insurance on project site at all times.

Contractor shall comply with all applicable codes, standards, and regulations in execution of project.

All work shall conform to the state's current approved codes, such as the International Building Code. All electrical and plumbing shall conform to the latest and most current codes. All Fire Marshall approved projects shall have a Certificate of Occupancy issued at the completion of the project. All ADA projects shall have approval of the State of Tennessee Facilities Design Coordinator and shall be in compliance with the latest ADA code at the completion of the project.

This project shall be completed in entirety with a final inspection before invoice is submitted. No partial payments will be made unless approved before project is awarded.

Invoice shall be submitted for payment within 10 days of project completion. A copy of the invoice shall be submitted to Facilities Management, East TN Regional Office, 160 State Circle, Rocky Top, TN 37769, or to deborah.g.smith@tn.gov.

For scheduling contact:

Facilities Manager: Chad Young, 865-606-1551, chad.young@tn.gov

Facilities Surveyor: Gary Greenwood, 865-806-8300, gary.greenwood@tn.gov

