

**Project No. 774 CM3918 012**  
**Scope of Work**  
**Danville National Cemetery**  
**Road Milling and Resurfacing**

June 2018

Provide all labor, materials, tools, equipment, transportation and supervision to mill and resurface all the paved roads and parking areas at the Danville National Cemetery, Danville, IL. The work includes site investigation to verify all measurements and site conditions before start of the work and the ordering of any materials. All work shall be performed in a professional workmanship like manner. All adjacent disturbed surfaces shall be repaired to the same quality standards of the existing work and shall also match the adjacent areas. Properly remove and dispose all debris from government property. All work must be in accordance with applicable federal, state and local codes and regulations. The contractor shall be responsible for any applicable permits. A pre-bid visit by the bidder is required to get an accurate understanding of the work. All work shall be performed by a licensed full time professional with two or more years of experience in the respective trade. **Hours of operation: Work will only be allowed during the weekends and after 4:30 p.m. weekdays.**

- 1) Provide approximately 15,500 SY of cold milling of all the paved surfaces to a depth of 1.5" of the existing asphalt surface and replace/resurface with 1.5" of compacted Hot-Mix Asphalt Surface Course, Mix D, N50 (IL-9.5mm). Furnish and install Bituminous Tack Coat over the milled surface area. Sweep and clean the milled asphalt pavement of all dirt and debris prior to placement of the tack coat and bituminous overlay.
  - a) Several areas contain a curb and gutter street. Milling operations are to extend from edge of curb to edge of curb. The compacted bituminous surface shall be placed such that the edge of pavement is 1/4" above the flag of the gutter, except when reversed pitched curb and gutter is present. The majority of the project contains no curb and gutter; contractor to follow the edge of the existing road. Positive drainage slope on the pavement surface shall be maintained.
  - b) Several manhole rims are located in the pavement area, some contain a concrete collar around the rim. Contractor will be responsible for milling and paving to the edge of the rim/concrete collar and ensuring the two surfaces (rim/collar and new pavement) are flush with each other. This work will be considered incidental to the project.
  - c) The milled pavement surface receiving new asphalt pavement shall be cleaned to the satisfaction of the COR prior to commencing to the next operation. The edges of the existing pavement shall be free of all loose and attached dirt and aggregate.
  - d) The bituminous tack coat shall be applied at the rate of 0.10 gallon/square yard to attain a minimum of 0.45 lbs/s.y. of residual asphalt rate. All areas to be paved shall be coated uniformly at the required rate. Any exposed aggregate base encountered

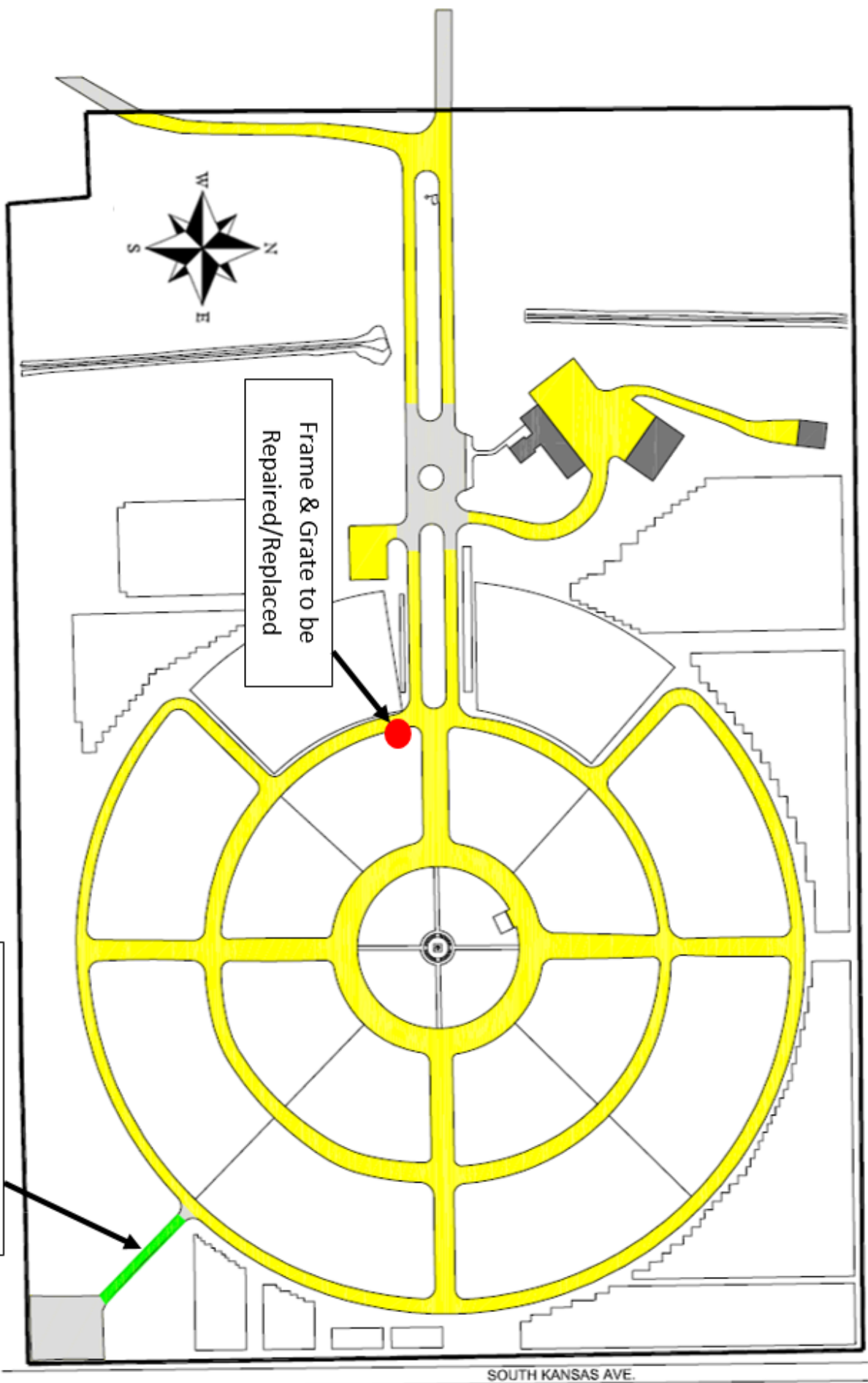
after milling operations shall be uniformly level and properly compacted prior to paving (incidental to the contract).

- e) All excavated asphalt and aggregate materials from the milling headers and excess materials from the patching and paving operations shall be removed from the cemetery property by the contractor at his expense.
  - f) The contractor will be responsible for traffic control and shall obtain, erect, maintain and remove all signs, barricades, flagmen and other traffic control devices as may be necessary for the purpose of regulating, warning or guiding traffic. All traffic control protection will be considered incidental to the cost of the contract.
  - g) Any areas disturb in performance of this contract which may require restoration shall be restored by the contractor and considered incidental to the contract. Areas outside of the construction limits impacted by operations of the contractor shall be returned to the state it was found prior to new construction.
  - h) The route of construction traffic to and from the project site shall be clear of debris at all times as well as the required safety signage and barricades for the safe passage of visitors. Thoroughly clean up the work area at the end of each day's work and at the completion of the project. Leave the premises clean and free of waste, scrap, used equipment or other material intentionally delivered to the site by the contractor or contractor's personnel.
- 2) The existing gravel drive near the back of the cemetery leading to the new storage building needs a bituminous overlay. Apply approximately 153 SY (11' wide x 125' long) in two 1.5" lifts (3" total thickness) of compacted Hot-Mix Asphalt Surface Course, Mix D, N50 (IL-9.5mm). Furnish and install Bituminous Prime Coat over the gravel surface area prior to the bituminous overlay.
- a) The apron leading to the gravel road will be constructed of concrete and be built by others. Paving operations shall start 20' from the edge of road and extend to the fenced gate entrance.
  - b) The gravel surface will require some minor grading and compaction to achieve a level surface with a positive drainage slope. Additional aggregate base course may be required to attain the desired surface. This work will be considered incidental to the project.
  - c) The bituminous prime coat shall be applied at the rate of 0.50 gallon/square yard on the gravel/aggregate base course surface prior to paving.
- 3) A storm frame and grate located in the curb and gutter needs to be adjusted/repared or it may be damaged beyond repair (location identified on the map). Any work that includes full replacement of the frame and grate, removal and replacement of the concrete curb adjacent to the frame and grate, sawcutting, excavation, etc. to achieve a frame and grate that is flush with the concrete curb at the back and flush with the pavement in the front will be considered incidental to the project.

- 4) The front parking area contains pavement striping for 4 parking spaces and 1 handicap space. The contractor shall provide new thermoplastic pavement markings on the new pavement matching exactly the color and location of the pavement markings prior to pavement milling operations. The contractor shall be responsible for measuring, documenting, etc. their locations to ensure they are placed back in the same location. This work will be considered incidental to the project.
- 5) Map with site information follows:

# DANVILLE NATIONAL CEMETERY

1900 East Main Street, Danville, IL 61832  
Phone: (217) 554-4550 Fax: (217) 554-4803



Mill and Resurface 1.5"



## Photos



Looking East at West Edge of Property



Looking North at SW Edge of Property



Looking South at Gravel Drive Entry



Looking NW at Gate Entry



Example of Rim in Pavement Area



Example of Rim w/Collar in Pavement Area





Parking Pavement Markings to Match Existing



Parking Pavement Markings to Match Existing



Rim to be Repaired/Replaced