

Scope of Work
Ohio Western Reserve National Cemetery
Add Asphalt Procession Lane

August 2016

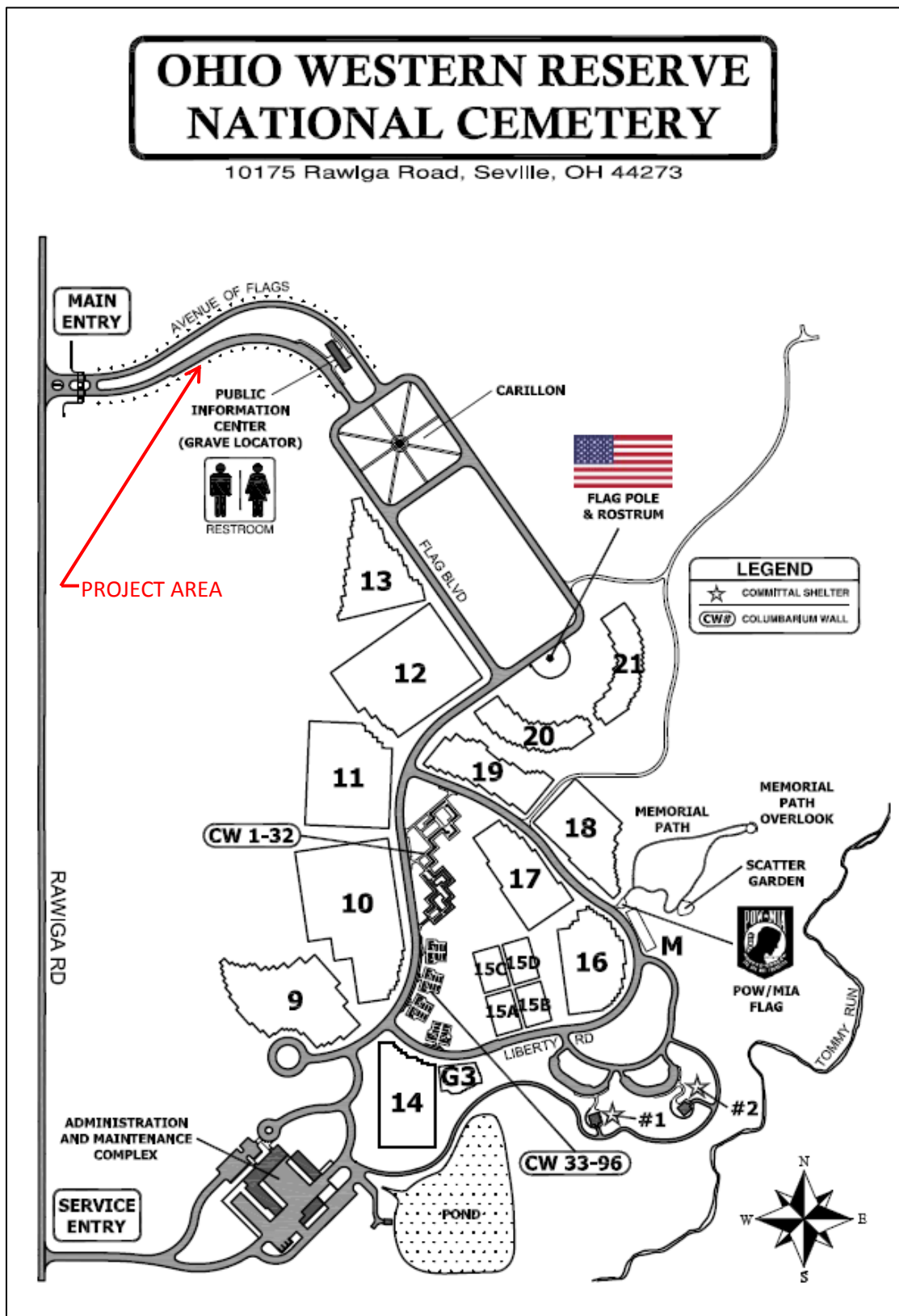
Provide all labor, materials, tools, equipment, transportation and supervision to widen the existing asphalt road for a procession lane along the Avenue of Flags at the Ohio Western Reserve National Cemetery, Seville, OH. The work includes site investigation to verify all measurements and site conditions 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 4:00 p.m. weekdays.**

- 1) Add a 12-foot wide lane to the current procession area for an approximate distance of 600-feet along with the required earth excavation. Provide 1.5” of compacted Bituminous Surface/Wear Course (Hot-Mix Asphalt), 2.5” of compacted Bituminous Binder Course (Hot-Mix Asphalt) and 10” of aggregate base course (crushed stone). Provide a cross-slope of 2% (positive slope off of the pavement) along the width of the pavement. Furnish and install bituminous tack coat over the binder course and prime coat over the aggregate base course. Ensure the bituminous binder course is free of all dirt and debris prior to placement of the tack coat and the bituminous wear course.
 - a) The existing underdrain pipe and the irrigation line will need to be relocated (abandon existing or remove if in conflict, install new) along the improved area; offset from the new edge of pavement and depth to be the same as prior to the improvement, also match existing size and material. Reconnect the underdrain pipe as well as the irrigation line at each end of the improvement.
 - b) Provide approx. 40-feet of concrete barrier curb (no gutter) along the east taper to help prevent vehicles from driving onto the turf when pulling out. The curb should butt up to the pavement and may require asphalt patching (incidental) along the existing pavement. The curb may also require a 3” break somewhere in the middle (incidental) to allow drainage to pass through if the low point is not at the end of the curb. Bull-nose (taper) each end of the curb for a smooth transition to existing.
 - c) The signage along the improvement will be removed and replaced by the cemetery staff. Contractor to provide sufficient notice to them to complete the work.

- d) **All** disturbed turf areas adjacent to the improvement area to be topsoiled and sodded (incidental to the project). Irrigation provided by the cemetery.
- e) The bituminous tack coat shall be applied at the rate of 0.10 gallons/square yard to attain a minimum of 0.45 lbs/s.y. of residual asphalt rate. The bituminous prime coat shall be applied at the rate of 0.50 gallons/square yard. All areas to be paved shall be coated uniformly at the required rate.
- f) All unused materials from the excavation and the paving operations shall be removed from the cemetery property by the contractor at his expense.
- g) 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. **The existing procession lane and the adjacent road shall remain fully accessible during normal cemetery operating hours.**
- h) 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.
- i) 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) Map and site information follow:

LOCATION MAP





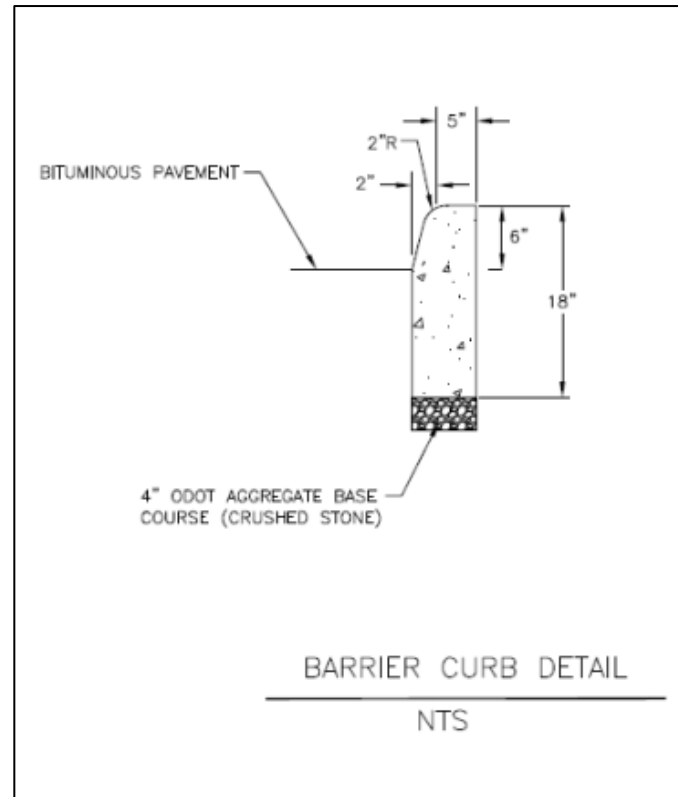
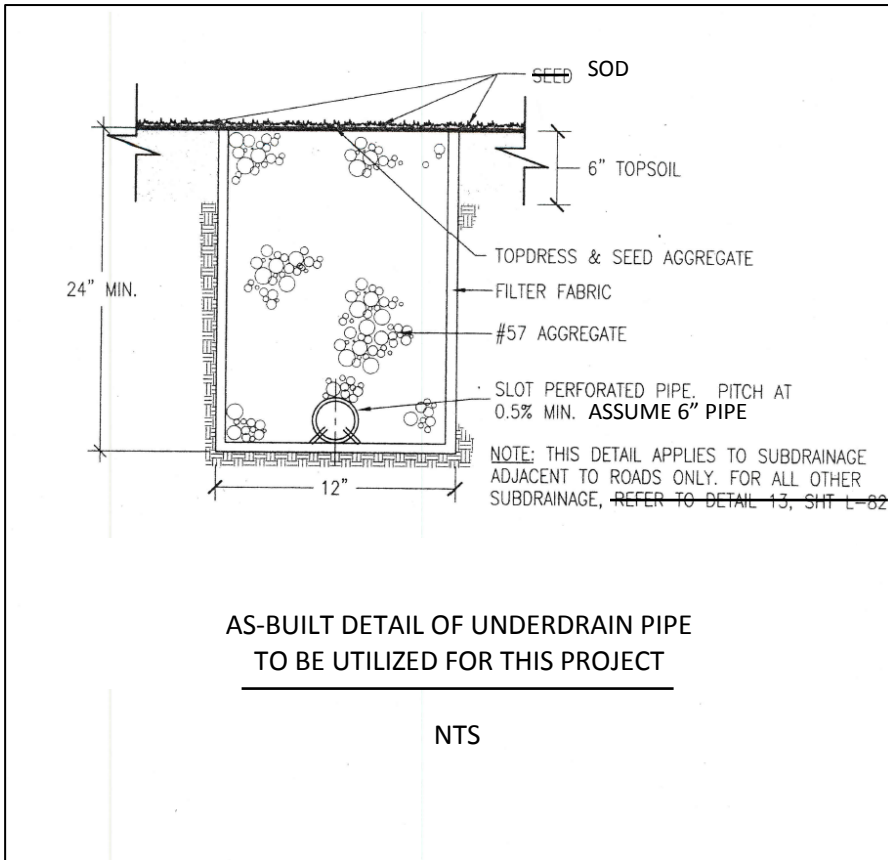
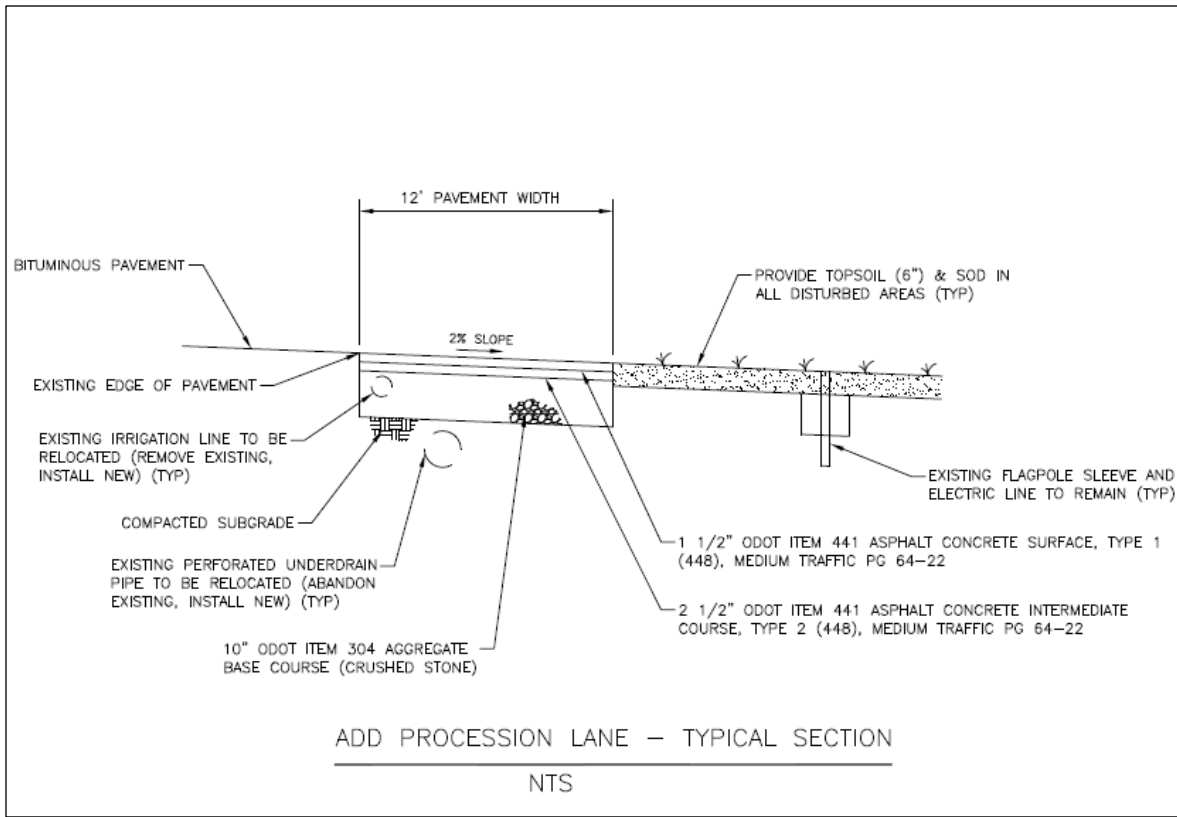
Existing Taper of Procession Lane

Existing Flagpole and Sleeves to Remain in Place (TYP)

Add 12' Procession Lane

Provide Barrier Curb along Edge of Existing & New Taper of Procession Lane

PROJECT AREA



PHOTOS

