

SECTION 02510

ASPHALT PAVING

PART 1 GENERAL

1.01 DIVISION OF RESPONSIBILITIES TERMINOLOGY: **NOT USED**

1.02 SUMMARY:

- A Provide asphaltic concrete paving where shown on the drawings, as specified in this Section, and as needed for a complete and proper installation
- B. The base course shall be constructed as part of the initial phase of construction and shall be maintained so as to keep the site accessible during all construction phases. *(if applicable)*

1.03 RELATED WORK: Refer to the Civil Engineer's Site Development Drawings for asphalt paving sub-base specification

1.04 SUBMITTAL: No submittal is required for the work of this Section except as may be required by the Civil Engineer's construction documents

1.05 QUALITY ASSURANCE:

- A All paving work shall be in accordance with the state highway department's latest standard specification for road and bridge construction.
- B The Contractor shall protect building walls and other improvements against damage and staining which may result from the installation of asphaltic concrete paving.

1.06 WARRANTY: The Contractor shall include a copy of the paving subcontractor's warranty for all work provided under the general contract for construction for a term of 1 year after the Date of Substantial Completion. This warranty shall be included in the Building Maintenance Manuals per Section 01700- Contract Closeout.

PART 1 PRODUCTS

2.01 MATERIALS:

- A Paving: All Regular Duty asphaltic paving, Heavy Duty asphaltic paving and paving design(s) shall be provided as indicated on the Site Development Drawings
- B. Parking Lines: Provide parking line products per Section 09900- Painting, or as otherwise required by the local jurisdiction in lieu of the specified paint type and color. *(if applicable)*

PART 3 EXECUTION

3.01 PAVING INSTALLATION:

- A. All paving installation methods shall be in accordance with the state highway department's currently applicable paving standards for road and bridge construction.
- B. No paving shall be placed when temperature is below 40°F, unless specific alternate installation techniques are approved in advance by PETCO.
- C. No paving shall be installed until all site utility work specified under paved areas is complete.

- D. Sub-base preparation: Sub-base course must be rough leveled, compacted and not excessively wet prior to the installation of the base course.
 - 1. Minimum sub-base for areas designated as "heavy duty paving". 8" minimum AASHTO #57 crushed stone.
 - 2. Minimum sub-base for areas designated as "regular-" or "normal-" duty paving: 6" minimum AASHTO #57 crushed stone.
- E. Base Course: Compaction shall be provided by rolling with 10-ton roller equipment. Finished surfaces shall be smooth, without bumps or depressions, and positively sloped to drain towards inlets, curbs or edges as indicated on the applicable site drawings.
- F. Wearing Course: Final preparation shall be pneumatically rolled and then finally compacted with 10-ton roller equipment or as otherwise specified. Installed paving shall be equal to state highway department standards, with clean, sharp edges, and a smooth finish surface without depressions or bumps, laid in a warped plane that will allow water to drain towards inlets, curbs or edges

3.02 PARKING LINES AND PAVEMENT PAINTING: *(if applicable)*

- A. Sweep and clean paving surface to remove loose material and dust prior to painting.
- B. Apply parking lines with mechanical equipment to produce uniform straight edges. Provide two paint coats at the paint manufacturer's recommended rate of application.
- C. Accessible Parking Spaces: Parking space symbols for accessible parking spaces shall be painted using pre-manufactured symbol templates meeting local jurisdiction graphic requirements

END OF SECTION