SECTION 02520D - PORTLAND CEMENT CONCRETE PAVING

A. Use concrete for walkways, roads, drives, service courts, parking areas, dumpster pads, compactor pads, loading dock ramps and aprons.

B. Walks shall be a minimum width of 6 feet to allow for campus snow removal equipment. Wider walks may be required in certain locations.

C. Concrete Walks: Thickness shall be 5-1/2 inches over 4 inches of ODOT 304 aggregate base. Nominal 2 x 6 wood forms should be used. Except where required for structural purposes, reinforcing bars or welded wire fabric should be omitted.

1. Curing Compounds: Specify non-staining type. Chlorinated rubber compounds should not be specified because they cause staining which cannot be removed.

E. Cast-in-place concrete curbs and gutters shall be non-reinforced straight curbs. Combination curb and gutters may be used, subject to University Project Manager's approval, only when needed to match existing. Comply with ODOT Items 499 and 609. Concrete shall be ODOT Class C using No. 57 aggregate at minimum 600 pounds per cubic yard.

F. All exterior concrete shall have a maximum slump of 4 inches; minimum 28-day compressive strength of 4000 psi with 5-1/2 percent ±1-1/2 percent entrained air.

G. Show all control and expansion joints on the drawings.

H. Four inch drain conductor in porous backfill shall be installed under all combination curbs and gutters. Conductors shall extend to drainage basins.

END