1 Sidewalk Pavement

1.1 Campus walks are used as access for service and emergency vehicles. For this reason, Purdue’s requirements for walks is over and above the City of West Lafayette’s standard.

1.2 Typical walks shall be concrete. Other materials (clay paver, porous pavement, etc.) may be considered on an individual project basis with the approval of the Director of Campus Planning and Sustainability and the Civil Engineer of Campus Asset Management.

1.3 Walks Design Criteria:
- 1.3.1 All walks shall be designed for vehicle loading of a minimum 4,000 lbs wheel load and general loading of 100 psf.
- 1.3.2 All emergency vehicle lanes crossing walks or existing within walks (i.e. Centennial Mall) shall be designed for HL93 standard loading.

1.4 Typical Walk Description:
- 1.4.1 Six inches (6") of concrete on top of four inches (4") of compacted #8 stone base.

1.5 Typical Walk Reinforcement
- 1.5.1 6x6 W2.9xW2.9 WWF Sheets. Roll reinforcement is not acceptable.
- 1.5.2 Reinforcement shall be placed midway in the thickness of the slab. Reinforcement shall be supported in manner such that deflection is limited and the plane of reinforcement is parallel to the surface of the concrete.

2 Curb Access Ramps

2.1 Cast iron inserts are preferred for detectable and visual warning. Ramps shall meet all current federal and state ADA requirements.

3 Curbs and Gutters

3.1 On campus, use an integral curb and gutter section.

3.2 Straight INDOT type curb sections shall be used adjacent to arterial West Lafayette streets on campus.

3.3 Dowell new curb and gutter to adjacent existing curbs to prevent settlement. Use 2 - #4 rebar for reinforcing.