PART 1: GENERAL

1.01 REFERENCE

The principle reference for materials and methods is the “New York State Department of Transportation Standard Specifications for Construction and Materials,” latest edition (NYSS).

1.02 ASPHALT PAVEMENTS

Asphalt pavements on the main campus are to be surfaced with hot-mix asphalt concrete. Paved surfaces off-campus may be of oil and stone penetration for light or medium duty service upon approval by Cornell University’s Department of Facilities Engineering.

1.03 HOT MIX PAVEMENTS

A. Light Duty Pavement:

1. Pedestrian walks with minimal vehicular traffic expected and no emergency vehicles planned.

B. Medium Duty Pavement:

1. Pedestrian walks with moderate vehicular use expected or for use as planned emergency access.
2. Parking areas with no mass transit vehicles using driving lanes.

C. Heavy Duty Pavement:

1. Parking and drive lanes with mass transit use.
2. Main and central campus roads.
3. Service drives

PART 2: PRODUCTS

2.01 LIGHT DUTY PAVEMENT

Refer to Standard Detail 1.5.1

2.02 MEDIUM DUTY PAVEMENT

Refer to Standard Detail 1.4.1
2.03  HEAVY DUTY PAVEMENT

Refer to Standard Detail 1.4.2

PART 3:  METHODS

3.01  All methods shall conform to the appropriate section of the NYSS and Cornell University Standard Specifications.

3.02  Subgrade preparation shall conform to the appropriate section of NYSS.

3.03  Unsuitable subgrade material shall be removed and replaced with compacted suitable material or covered with appropriate construction grade fabric prior to subbase installation.