Basis of Design

This section applies to the design and placement of curbs. The University prefers the use of cast-in-place concrete curb along roadways and barrier curb within parking areas. The use of extruded curb is limited to isolated areas away from vehicle traffic. Coordinate with Engineering Services on all proposed curb types and location.

Design Criteria
- Place curbs between all pedestrian traffic and vehicle traffic. Place concrete curb and gutter between all roadways and sidewalks and between all roadways and planting areas.

Design Evaluation

The following information is required to evaluate the design:
- **Design Development Phase**: Curb cuts and an outline specification. Identify the types and location of curb proposed.
- **Construction Document Phase**: Details and specifications

Construction Submittals
- Provide standard industry submittal requirements.

Related Sections
- Facilities Services Design Guide - Roadways

Products, Material and Equipment

See City of Seattle standard specifications. Installation, Fabrication and Construction
- Construct Cast in place and barrier curbs with a # 3 continuous longitudinal reinforcing bar at the top and bottom.
- Provide concrete curbs with a minimum compressive strength of 3,000 psi at 28 days.
- See City of Seattle Standard detail 410 and 411 for cast-in-place and doweled curb.
- See City of Seattle Standard detail 412 for extruded curb.
- See University Detail SD-C-67 for Barrier Curb.
Barrier Curb