

CIRCULATION AND PARKING PLAN

Circulation and Parking Plan for the University of Alaska Fairbanks

Fairbanks, Alaska
March 2004

Section 11

Glossary

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Bus Bunching – The situation in which a single bus becomes late at stops along a route, causing the headways between buses to decrease.

Demand-Responsive Service – Transit service that is available in response to specific requests, rather than a set schedule or route.

Effective Parking Demand – The number of spaces required to accommodate vehicles, including a buffer for circulation. For example, if the targeted parking occupancy level is 85% full, 100 parking spaces would be the effective demand for 85 vehicles.

Headway – The time interval between two vehicles traveling in the same direction on the same route.

Multi-Modal System – A transportation system that accommodates multiple modes of travel, such as bicycles, pedestrians, transit and vehicles.

One-Way Couplet – A pair of one-way streets that connect at common endpoints to provide access for travel in opposite directions. They are frequently parallel to each other and serve an access function similar to a two-way roadway.

Pedestrian View (Profile) – A graphical rendering from the perspective of a pedestrian.

Plan View – A graphical rendering from a vertical perspective; “bird’s eye view”.

Roundabout – A type of intersection control with specific design and traffic control features, such as yield control of all entering traffic, channelized approaches, and appropriate geometric curvature to ensure slow travel speeds on the circulatory roadway.

Stop-Controlled Intersection – A form of intersection control that relies on signing

and striping to instruct either all or some of the approaches to come to a complete stop before determining whether or not it is safe to enter the intersection. Includes: all-way stop controlled; two-way stop controlled.

Uncontrolled Approach – An approach to a stop-controlled intersection in which there is no traffic control device.

Way-Finding – A system of signing and other directional devices that provide direction to services, facilities, and other destinations.