

12A.9.000 - Transportation Facilities

Chapter 12A.09 Transportation Facilities

Sections:

- 12A.09.010 General Provisions
- 12A.09.020 Streets
- 12A.09.021 Street Classification and Plan
- 12A.09.022 Principal Arterials
- 12A.09.023 Minor Arterials
- 12A.09.024 Collector Arterials
- 12A.09.025 Local Access Street System
- 12A.09.026 Minimum Street Standards
- 12A.09.027 Roadway Level of Service
- 12A.09.028 Traffic Studies
- 12A.09.030 Road Improvements
- 12A.09.031 Street Frontage Improvements
- 12A.09.032 Other Road Improvement Requirements
- 12A.09.040 Street Trees
- 12A.09.050 Sidewalks, Walkways, Paths and Trails
- 12A.09.060 Private Streets
- 12A.09.061 Certification
- 12A.09.062 Completion
- 12A.09.063 Maintenance
- 12A.09.064 Conditions of Recording
- 12A.09.070 Traffic Control

12A.9.010 - General Provisions

The purpose of this chapter is to classify streets and establish requirements for engineering regulations and standards to implement the Comprehensive Plan. (Ord. 501 ? 3 (part), 2009.)

12A.9.020 - Streets

(Ord. 501 ? 3 (part), 2009.)

12A.9.021 - Street Classification and Plan

Streets and highways are most effectively classified by their function according to the character of service they are intended to provide. The primary function of streets and highways is to provide mobility and access, and the degree to which these functions are provided is considered an integral part of classifying streets. The functional classification system creates a hierarchy of classified streets.

The City functional classification system directly addresses all streets that are under the jurisdiction of the City. State highways under the jurisdiction of the Washington State Department of Transportation are all legally designated arterials (RCW 46.61.195).

For purposes of comprehensive planning and this code, and pursuant to RCW 35.78.010, the City of Lakewood has classified and designated its City streets in three general categories, principal arterials, minor arterials, and local access roads. These classifications have the same meanings, respectively, as the terms major arterial, secondary arterial and access streets as those terms are used in RCW 35.78.010. The City of Lakewood has further designated a fourth category,

collector arterial, as shown in this code and as used in the City's Comprehensive Plan. Lakewood's street designations are consistent with the federal functional classification system for city streets. (Ord. 501 ? 3 (part), 2009.)

12A.9.022 - Principal Arterials

Principal arterials provide service for principal traffic movements within the City. They serve centers of activity; intra-area travel between Lakewood and other suburban centers between larger communities, and between principal trip generators. Principal arterials serve the longest trips and carry the principal portion of trips entering and leaving the overall area. Typically they are the highest traffic volume corridors in the City. The design year ADT is generally more than 15,000 vehicles per day. They frequently carry important intra-urban and inter-city bus routes.

The spacing of principal arterials usually varies from about 1 mile in highly developed business areas to 5 miles or more in rural areas. Service to abutting land should be subordinate to the provision of travel service to principal traffic movements; this service should be incidental to the primary functional responsibility of the street. Desirably it is located on community and neighborhood boundaries or adjacent to but not through principal shopping centers, parks, and other homogeneous areas.

Principal Arterials		
Street Name	From	To
Bridgeport Way W	McChord Drive (South City Limits)	Leach Creek (north city limits)
Custer Road SW & W	88th Street SW	74th Street W
Gravelly Lake Drive	I-5 Freeway	Bridgeport Way W
Lakewood Drive SW	Bridgeport Way SW	74th Street W (north city limits)
Military Road SW	107th Ave. SW (west city limits)	Washington Blvd. SW
South Tacoma Way	112th Street S	South 80th Street (north city limits)
Steilacoom Boulevard SW	Far West Drive (West City Limits)	South Tacoma Way
Washington Boulevard SW	Military Road SW	Gravelly Lake Drive SW
74th Street W	Custer Road W	Lakewood Drive SW
88th Street SW	Steilacoom Boulevard SW	Custer Road SW
100th Street SW	Bridgeport Way SW	South Tacoma Way
112th Street S	South Tacoma Way	Steele Street S

(Ord. 501 ? 3 (part), 2009.)

12A.9.023 - Minor Arterials

Minor arterials interconnect with and augment the principal arterial system. Minor arterials connect principal arterials to collector arterials and small generators. They provide service to medium-size trip generators, such as less intensive commercial development, high schools and some junior high/grade schools, warehousing areas, active parks and ball fields, and other land uses with similar trip generation potential. They distribute travel to smaller geographic areas and communities than those identified with the principal arterial system. They provide service to trips of moderate length of a somewhat lower level of travel mobility than principal arterials. The design year ADT is approximately 5,000 to 20,000.

Spacing of minor arterials is usually less than 1 mile in fully developed areas. They provide intra-community continuity and are typically a continuous street with a direct rather than a meandering alignment. They may carry local bus routes. Minor arterials allow for more emphasis on land

access than the principal arterial system. They usually do not penetrate identifiable neighborhoods.

Minor Arterials		
Street Name	From	To
Ardmore Drive SW	Steilacoom Boulevard SW	Whitman Avenue SW
Butte Drive SW	116th Street SW	104th Street SW
Custer Road SW	Steilacoom Boulevard SW	88th Street SW
Edgewood Avenue SW	North Gate Road SW	Washington Blvd. SW
Far West Drive SW	112th Street SW	Steilacoom Blvd. SW
Garnet Lane SW	Onyx Drive SW	83rd Avenue SW
Gravelly Lake Drive SW	Bridgeport Way SW	Steilacoom Blvd. SW
Hipkins Road SW	104th Street SW	Steilacoom Blvd. SW
Interlaaken Drive SW	Interlaaken Drive SW	Holly Hedge Lane SW
Lakeview Avenue SW	111th Street SW	Steilacoom Blvd
Mount Tacoma Drive SW	Holly Hedge Lane SW	Lexington Avenue SW
Mount Tacoma Drive SW	Motor Avenue SW	Bridgeport Way SW
Murray Road SW	Fort Lewis Gate Entrance	I-5 Northbound On-ramps
North Gate Road SW	Nottingham Road SW	Edgewood Avenue SW
North Thorne Lane SW	Union Avenue SW	I-5 Northbound On-ramps
Nyanza Road SW	Gravelly Lake Drive SW (S)	Gravelly Lake Drive SW (N)
Pacific Highway SW	Gravelly Lake Drive SW	South Tacoma Way
Phillips Road SW	Steilacoom Boulevard SW	Onyx Drive SW
Short Lane SW	104th Avenue SW	Interlaaken Drive SW
Union Avenue SW	Berkeley Street SW	North Thorne Lane SW
Vernon Avenue SW	Veterans Drive SW	116th Street SW
Veterans Drive SW	Nottingham Avenue	Gravelly Lake Drive SW
Whitman Avenue SW	Motor Avenue SW	Ardmore Drive SW
Wildaire Road SW	Gravelly Lake Drive SW	59th Avenue SW
40th Avenue SW	100th Street SW	96th Street SW
83rd Avenue SW	Steilacoom Boulevard SW	Garnett Lane SW
84th Street S	South Tacoma Way	Tacoma Mall Boulevard S
87th Avenue SW	Steilacoom Boulevard SW	Onyx Drive SW
93rd Street SW	Whitman Avenue SW	Bridgeport Way SW
96th Street S	40th Avenue SW	Lakewood East City Limits
100th Street SW	Gravelly Lake Drive SW	Bridgeport Way SW
104th Street SW	Butte Drive SW	Hipkins Road SW
108th Street SW	59th Avenue SW	Pacific Highway SW
111th Street SW	112th Street SW	Lakeview Avenue SW
112th Street SW	Gravelly Lake Drive SW	111th Street SW
112th Street SW	Military Road SW	Farwest Drive SW
150th Street SW	Murray Road SW	Lakewood East City Limits

(Ord. 501 ? 3 (part), 2009.)

12A.9.024 - Collector Arterials

Collector arterials distribute trips from principal and minor arterials to the ultimate destination, or may collect traffic from local streets and channel it into the principal and minor arterial systems. They carry a low proportion of traffic traveling through the entire subarea; carry a high proportion of local traffic with an origin or destination within that area. Design year ADT is approximately 2,000 to 8,000. They may be on a somewhat meandering alignment and need not be particularly long or continuous.

Spacing is typically about 1/4 mile in developed areas. Collector arterials provide land access service and traffic circulation within residential neighborhoods, commercial, and industrial areas. They may penetrate identifiable residential neighborhoods.

Collector Arterials		
Street Name	From	To
Alferetta Drive SW	Dekoven Drive SW	Meadow Road SW
Angle Lane SW	Elwood Drive SW	Hipkins Road SW
Avondale Road SW	Meadow Road SW	Gravelly Lake Drive SW
Berkeley Street SW	I-5 Southbound On-ramps	Portland Avenue SW
Bristol Avenue SW	Lakewood Mall	100th Street SW
Clover Creek Drive SW	Pacific Highway SW	Hillcrest Drive SW
Dekoven Drive SW	Meadow Road SW	Lake Grove Street SW
Dresden Lane SW	Elwood Drive SW	87th Avenue SW
Durango Street SW	Steilacoom Boulevard SW	B&I Parking Lot
Edgewood Avenue SW	Veterans Drive SW	North Gate Road SW
Elwood Drive SW	Angle Lane SW	Dresden Lane SW
Hillcrest Drive SW	Glenwood Avenue SW	Clover Creek Drive SW
Holden Road SW	Military Road SW	Lake Louise Drive SW
Huggins Meyers Rd SW	116th Street SW	112th Street SW
Idlewild Road SW	112th Street SW	104th Street SW
Interlaaken Drive SW	Veterans Drive SW	Lake Steilacoom Dr. SW
John Dower Road SW	Steilacoom Boulevard	Custer Road W
John Dower Road W	Custer Road W	75th Street W
Lake City Boulevard SW	Veterans Drive SW	116th Street SW
Lake Grove Avenue SW	Waverly Avenue SW	Dekoven Drive SW
Lakewood Mall Blvd. SW	Lakewood Mall	Bridgeport Way SW
Lake Louise Drive SW	100th Avenue SW	Holden Road SW
Lake Louise Drive SW	Holden Road SW	104th Street SW
Lake Louise Drive SW	104th Street SW	Lake Louise Drive SW
Lake Louise Drive SW	Lake Louise Drive SW	100th Avenue SW
McChord Drive SW	New York Avenue SW	Bridgeport Way SW
Meadow Road SW	Dekoven Drive SW	Ardmore Drive SW
New York Avenue SW	Pacific Highway SW	McChord Drive SW
North Thorne Lane SW	Union Avenue SW	Portland Avenue SW
Nyanza Park Drive SW	Nyanza Road SW	Glenwood Avenue SW
Onyx Drive SW	Zircon Drive SW	87th Avenue SW
Onyx Drive SW	87th Avenue SW	Phillips Road SW
Onyx Drive SW	Phillips Road	Turquoise Drive SW
Phillips Road SW	Onyx Drive SW	Turquoise Drive SW
Portland Avenue SW	Berkeley Street SW	North Thorne Lane SW
Waverly Drive SW	Crescent Lane SW	Mount Tacoma Drive SW
West Thorne Lane SW	Union Avenue SW	Portland Avenue SW
Whitman Avenue SW	Ardmore Drive SW	Steilacoom Boulevard SW
Zircon Drive SW	Onyx Drive SW	Turquoise Drive SW
59th Avenue SW	Lakewood Mall	Gravelly Lake Drive SW
75th Street SW	75th Street W	Custer Road W
78th Street SW	Onyx Drive SW	91st Avenue SW
83rd Avenue SW	Washington Boulevard SW	112th Street SW
87th Avenue SW	Dresden Street SW	Steilacoom Boulevard SW
91st Avenue SW	78th Street SW	Zircon Drive SW
100th Street SW	Dekoven Drive SW	Gravelly Lake Drive SW
101st Street SW	Farwest Drive SW	100th Avenue SW
104th Street SW	Lake Louise Drive SW	Butte Drive SW

Collector Arterials		
Street Name	From	To
104th Street SW	Short Lane SW	Interlaaken Drive SW
112th Street SW	Farwest Drive SW	Butte Drive SW
112th Street SW	Huggins Meyers Road SW	Interlaaken Drive SW

(Ord. 501 ? 3 (part), 2009.)

12A.9.025 - Local Access Street System

The local access street system provides circulation and access for residential neighborhoods away from the arterial system.

Traffic generators, such as schools or churches, within residential areas should be considered within the local circulation pattern, not only from within the subdivision, but from adjacent neighborhoods as well. There should be a limited number of access points with the arterial streets that border a subdivision.

Local access streets should be designed for relatively uniform low volume of traffic upon full development. The system should be designed to discourage excessive speeds and should minimize the necessity for traffic control devices. Internal streets with direct lot access should be discontinuous so as to discourage through traffic.

Local access streets provide direct access from abutting land to the arterial street system. There are usually no bus routes on local access streets. Through-traffic is deliberately discouraged.
(Ord. 501 ? 3 (part), 2009.)