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## 530.01 General

This chapter describes the parking elements associated with WSF facilities and provides parking guidelines for WSF applications. Refer to the [Roadside Manual Chapter 630](#) for details on parking design. Design parking facilities to conform to local (city or county) regulations and zoning codes, all applicable ADA standards, and the guidelines outlined in this chapter.

Base parking requirements on a project-specific parking demand study. This study may be conducted prior to design or as part of the design effort.

The optimum design for a parking area is one that provides adequate parking, safe pedestrian and vehicular circulation, appropriate stall and aisle widths, adequate turning radii, reasonable gradients, a pleasing appearance, visual access for law enforcement surveillance, provisions for handling and treating stormwater runoff, fits the site, is easy to maintain, and is in close proximity to the facility it serves. Examples of existing WSF parking facilities are shown in Exhibits [530-1](#) and [530-2](#).



**Anacortes Ferry Terminal Parking Facilities**  
*Exhibit 530-1*



**Seattle Ferry Terminal Parking Facilities**  
*Exhibit 530-2*

For additional information, see the following chapters:

| <b>Chapter</b> | <b>Subject</b>                    |
|----------------|-----------------------------------|
| 300            | Accessibility                     |
| 310            | Security                          |
| 320            | Environmental Considerations      |
| 520            | Vehicle Holding and Support Areas |

## 530.02 References

Unless otherwise noted, any code, standard, or other publication referenced herein refers to the latest edition of said document.

### (1) **Federal/State Laws and Codes**

[28 CFR Part 36](#) *Nondiscrimination on the basis of disability by public accommodations and in commercial facilities*

[28 CFR Part 36](#) Appendix A, Standards for Accessible Design

### (2) **Design Guidance**

*Design Manual M 22-01*

*Roadside Manual M 25-30*

*Standard Plans M 21-01*

*WSF Terminal Design Standards, Specifications, and Procedures - Electrical Engineering (Electrical Engineering Manual), WSF*

## 530.03 Design Considerations

### (1) Accessibility

Wherever pedestrian facilities are intended to be a part of a transportation facility, [28 CFR Part 35](#) requires that those pedestrian facilities meet ADA guidelines. Federal regulations require that all new construction, reconstruction, or alteration of existing transportation facilities be designed and constructed to be accessible and useable by those with disabilities and that existing facilities be retrofitted to be accessible. Design pedestrian facilities to accommodate all types of pedestrians, including children, adults, the elderly, and persons with mobility, sensory, or cognitive disabilities. Refer to [Chapter 300](#) for accessibility requirements. Note that ADA requirements for parking may vary by parking use (employee/vendor verses public).

### (2) Security

[Chapter 310](#) includes a general discussion of the United States Coast Guard (USCG) three-tiered system of Maritime Security (MARSEC) levels, vessel security requirements, and additional information pertaining to terminal design. Coordinate with the WSF Company Security Officer (CSO) regarding design issues pertaining to security. In addition, coordinate with the USCG and Maritime Security for all terminals, the United States Customs and Border Protection (USCBP) for international terminals, and the Transportation Security Administration (TSA) for TWIC and SSI.

### (3) Environmental Considerations

Refer to [Chapter 320](#) for general environmental requirements and design guidance. Refer to the project NEPA/SEPA documentation for project-specific environmental impacts and mitigation.

### (4) Civil

Refer to [Chapter 340](#) for general civil design criteria pertaining to parking. Below are links to relevant sections by topic.

- Grading and Erosion Control: [340.06](#)
- Paving: [340.08](#)

### (5) Operations and Maintenance

Consult with WSF Operations and Terminal Engineering Maintenance throughout the design process and provide opportunities for their review of the project drawings and specifications. Consider the following during the design of parking areas:

- Minimize repair and maintenance required during the design life
- Provide for continuous flow of traffic through parking areas
- Allow for safe movement of pedestrians
- Provide adequate lighting for safety and security
- Provide appropriate landscaping without conflicting with visibility or site lighting
- Consider using plastic traffic markings

**(6) Signage and Wayfinding**

Signage and wayfinding is an important component of parking area design. Refer to [Chapter 570](#) for details on signage and wayfinding design.

**530.04 Parking Program Elements**

Consider the following types of parking in conjunction with WSF ferry terminals. Note that not all types of parking listed in [Exhibit 530-3](#) are required at every terminal.

| Parking Type  |
|---|
| <b>Employee Parking</b>   |
| <b>Curbside Drop-off</b> <ul style="list-style-type: none"> <li>• Passenger Drop-off</li> <li>• Van Pool</li> <li>• Paratransit</li> <li>• Taxi Stands</li> </ul>   |
| <b>Short Term Parking</b> <ul style="list-style-type: none"> <li>• Passenger Loading</li> <li>• ADA Loading</li> </ul>  |
| <b>Long Term Parking</b> <ul style="list-style-type: none"> <li>• Commuter Parking</li> </ul>   |
| <b>Miscellaneous Parking</b> <ul style="list-style-type: none"> <li>• ADA</li> <li>• Vendor Parking</li> <li>• Washington State Patrol</li> <li>• Bicycle Storage</li> <li>• Holding Lanes</li> <li>• Off-site Holding</li> </ul> |

**Parking Program Elements**  
*Exhibit 530-3*

**530.05 Parking Area Design**

Refer to the [Roadside Manual Chapter 630](#) for details on parking area layout, stormwater treatment, lighting, pedestrian safety, vehicle and pedestrian circulation, transit movement and planting area design. Also refer to the [Standard Plans M 21-01](#).

Additional information on illumination is provided in [Section 560.10](#) and the WSF *Electrical Engineering Manual*. WSF illumination guidelines take precedence over illumination guidelines in the [Roadside Manual M 25-30](#).

## 530.06 Employee Parking

The number of employee parking spaces provided is a negotiated union contract item. The minimum number of stalls which must be accessible is addressed in [Chapter 300](#). Coordinate with the WSF Operations Liaison at the time of design to determine the number of employee parking spaces to be used in design. [Exhibit 530-4](#) gives an estimate of employee parking space requirements for the existing terminals per input from WSF Operations. Additional parking may be provided for visiting agents as required.

To the extent feasible, locate employee parking in close proximity to the associated work areas. Locate employee parking such that it does not interfere with terminal operations.

If employee parking is provided within the paid holding area, consider providing a separate access point for employee that includes an automated gate and card reader.

| Terminal          | Employee Parking Spaces |
|-------------------|-------------------------|
| Anacortes         | 107                     |
| Bainbridge Island | 49                      |
| Bremerton         | 37                      |
| Clinton           | 2                       |
| Edmonds           | 13                      |
| Fauntleroy        | 1                       |
| Friday Harbor     | 10                      |
| Coupeville        | 8                       |
| Kingston          | 38                      |
| Lopez             | 4                       |
| Mukilteo          | 40                      |
| Orcas             | 5                       |
| Point Defiance    | 6                       |
| Port Townsend     | 16                      |
| Seattle           | 102                     |
| Shaw              | 0                       |
| Southworth        | 22                      |
| Tahlequah         | 3                       |
| Vashon            | 0                       |

**Systemwide Employee Parking by Terminal**  
*Exhibit 530-4*

## 530.07 Passenger Parking

### (1) Curbside Drop-off

Provide curbside drop-off area near the entrance to the passenger terminal building. Provide accommodations for general passenger drop-off, van pools, individuals with disabilities, taxi stands and paratransit riders as identified in the terminal program. Coordinate with local agencies regarding street side parking as it may fall under the jurisdiction of the local agency.



**Edmonds Ferry Terminal Accessible Drop-off Area**

*Exhibit 530-5*

### (2) Short Term Parking

Provide short term parking, as required by the terminal program, for people picking up passengers and visiting the terminal facilities. Short term parking is not intended for use by commuters.

Locate short term parking in close proximity to the terminal building, where terminal facilities are accessible without entering the vehicle holding areas or from the local access streets.

Additionally, design short-term parking for easy entrance and exiting to accommodate frequent vehicle turnover. Coordinate with local agencies regarding street side parking as it may fall under the jurisdiction of the local agency.

### (3) Long Term (Commuter Parking)

WSF typically does not provide long term parking at their facilities unless it is a requirement of the local jurisdiction. Long term parking needs are generally accommodated by local park and ride lots which are designed and funded by others. Where additional commuter parking is required, coordinate with the local transit authority as the need for a park and ride lot and its location may already have been determined in the development of its comprehensive transit plan. When a memorandum of understanding (MOU) or other formal agreements exists that outlines the design, funding, maintenance and operation of park and ride lots, it must be reviewed for requirements pertaining to new lots.

Long term commuter parking is currently provided by WSF at the Tahlequah, Southworth, Bainbridge Island, Edmonds, Clinton, Anacortes, Orcas Island, and Lopez Island terminals.

## 530.08 Miscellaneous Parking

### (1) **ADA Accessible Parking**

Refer to [Chapter 300](#) for requirements.

### (2) **Vendor Parking**

Provide parking for vendor staff per lease agreement or as otherwise negotiated with the vendor. Locate vendor parking as conveniently as feasible to the vendor's operation. Accommodate service vehicles for vendor delivery and supply. This area may be jointly used by service vehicles for other WSF operations.

### (3) **Washington State Patrol Parking**

Parking spaces for Washington State Patrol (WSP) personnel are related to the number of work stations provided in the VATS room. Provide between two and four parking spaces based on terminal VATS requirements. Refer to [Chapter 310](#) for additional information regarding VATS requirements.

### (4) **Covered Secure Bicycle Storage**

For projects with a bicycle design element identified in the design matrices (see [Chapter 210](#) for more information), provide a covered, secure bike storage area (typically bicycle storage racks) near the passenger terminal building. Size the bicycle storage area based on bicycle ridership projections identified in the project-specific parking demand study. Note that WSF does not provide bicycle storage lockers at their terminal facilities. Bicycle storage lockers are considered a security concern since they provide a concealed storage location available to the general public in close proximity to a transportation facility.

### (5) **Holding Lanes**

Refer to [Chapter 520](#) for design of holding lanes.

