
 Marathon Petroleum Company LP		REFINERY-WIDE		R-11-007
ANACORTES REFINERY		Wharf and Causeway Load Limits		Page 1 of 4
RESPONSIBLE DEPT.	CONTENT CUSTODIAN	APPROVED BY	LEGACY NUMBER:	
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1.0 INTRODUCTION

1.1 Purpose

The purpose of this procedure is to protect the Wharf and Causeway structures from damage due to overweight vehicles.

1.2 Scope

This procedure applies to the Causeway and Wharf vehicle-accessible lanes.

2.0 REFERENCES

2.1 Marathon Standards, Policies & Procedures

- SP-00-13 Design Loads for Structures

2.2 Industry Standards

- American Association of State Highway and Transportation Officials (AASHTO) Standard Specifications for Highway Bridges

3.0 DEFINITIONS

The following definitions are applicable to this procedure.

Table 1 Definitions

Term	Description
Causeway	The over water vehicle road and piping support structure located between the shore and the Wharf structure.
Wharf	The main loading, berthing and vehicle parking structure connected to the north end of the Causeway.

4.0 LOAD LIMITS


The load limit on the Causeway road and the Wharf parking lot is 10 tons. The load limit on the Wharf vehicle access lanes are 15 tons. These limits are based on single axle vehicles with 14' axle spacing and the following axle loads.

Table 2 Axle Load Limits

Axle	Causeway	Wharf
Front Axle	4,000 lbs.	6,000 lbs.
Rear Axle	16,000 lbs.	24,000 lbs.
Front Axle	4,000 lbs.	6,000 lbs.

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Unfortunately, not all vehicles using the Causeway and Wharf fit into these criteria. As a result, the criteria within Table 3 shall be used. For vehicles not covered by this table, contact the Engineering or Inspection Departments for resolution.

Note: Some areas are not rated for vehicle loading; please refer to Attachment 1.

Table 3 Causeway Vehicle Requirements

Vehicle	Requirement
Concrete Trucks	Cannot be allowed onto the Causeway. Consider a boom truck with a 1 yd. bucket in lieu of a concrete truck.
1982 Mack Fire Truck	This unit may be operated on the structure during emergencies only. However, in most cases the equipment will be off loaded from the fire truck at the head of the Causeway into a smaller vehicle.
1989 GMC Fire Truck	This unit is not to be taken on the Wharf at any time.
Vacuum Truck	This unit can be used on the structure for normal operations, providing its tank is not loaded more than two-thirds of rated capacity.
Boilermaker (3 TN) Boom Truck	This truck can be used on the structure, provided the truck/load combination does not exceed the Causeway limit.
Grove 10 Ton Carrydeck	This vehicle can be used on the structure provided the carry deck/load combination does not exceed the Causeway limit
I&E Bucket Truck	This truck may be used on the structure. Do not park this vehicle on the Causeway or in the Wharf parking lot for longer than 24 hours.
Genie Z-60/34	This articulated boom may be used on the structure. Maximum speed is 5 mph. Do not park the vehicle on the Causeway or Wharf parking lot for longer than 24 hours.
MEC Boom 60-J	This articulated boom may be used on the structure. Maximum speed is 5 mph. Do not park the vehicle on the Causeway or Wharf parking lot for longer than 24 hours.

Refer to R-11-015 for Automotive Traffic Regulations.

5.0 TRAINING

Affected personnel shall be notified of procedure revisions.

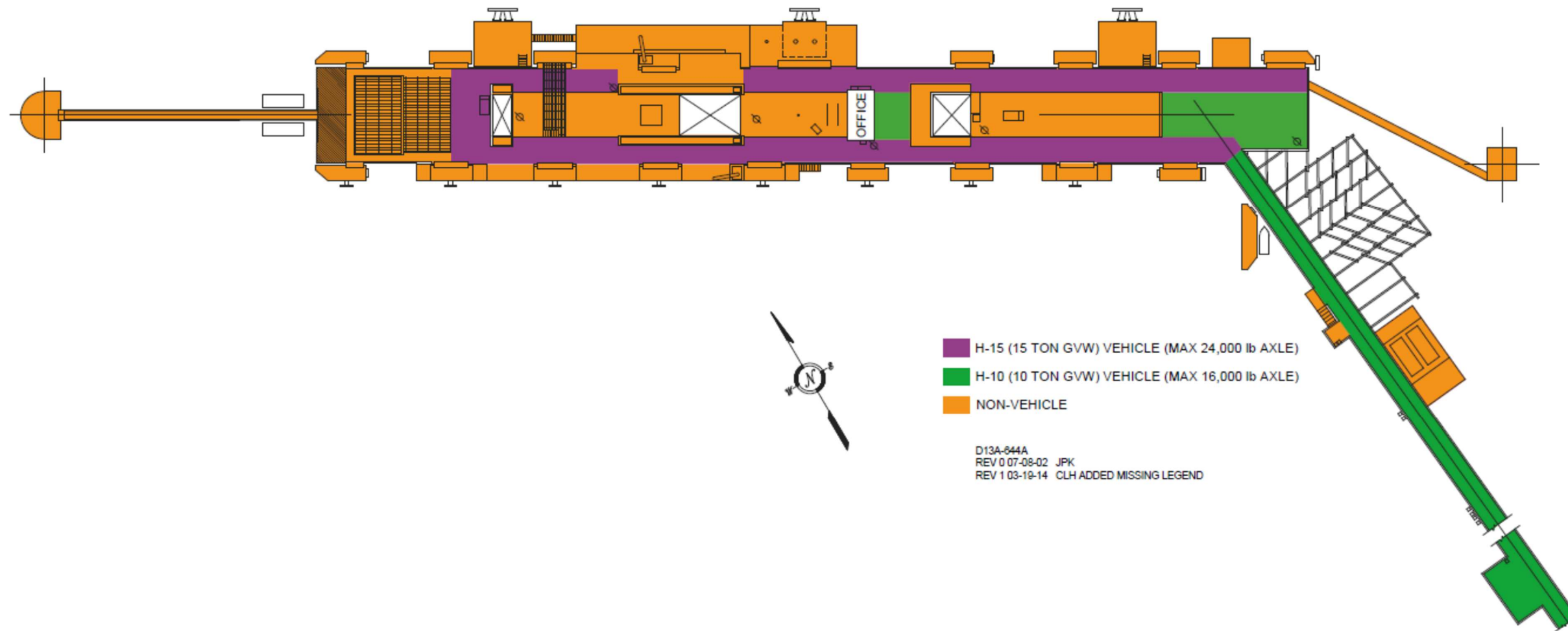
6.0 REVIEW AND REVISION HISTORY

Revision #	Preparer	Date	Description
0	Mark Willand	11/28/2021	Reformatted and Numbered per Document Control Policy, R-63-001.

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7.0 ATTACHMENT 1 – PLOT PLAN – WHARF LOAD LIMITS



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