

19' x 24' Special Loco -

# VULCAN IRON WORKS—Locomotive Record.

Date Jan. 31, 1911 Loco. No. 1759 Order No. 7119

Name Board of State Harbor Commissioners (Sold by Harron, Rickard & Co.)  
(McCone, San Francisco.)

Address San Francisco, Cal.

Ship to Board of State Harbor Commissioners, Belt Line R.R. San Francisco, Cal.

Route L.V. to Buffalo. Wabash to Kansas City, Missouri Pacific to Pueblo

Delivery May 30, 1911 Freight  
July 3, 1911 C.W. Bowen, attendant

Class D-T six-wheel switcher similar to specifications submitted.

Cylinders 19" x 24" Smoke Stack straight taper Size Fire Box 71 1/2" long 34 1/2" wide.

Gauge 4' 8-1/2" Spark Arrester ~~xxxxxx~~ No. Tubes 213

Service switching Injectors two Monitor Safety Valves two 3" Crosby muffled Diam. Tubes 2"

No. Drivers Six (6) Frames of cast steel—Dwg. No. Length Tubes 14' 0"

Diam. Drivers 51" Blow-off Cock ~~xxxxxx~~ Lubricator No 9 Nothans Bull's Eye.

Diam. Centers 44" Top bar Whistle Fig. No. Lunkenheimer

Thickness Tires 3-1/2" Bottom bar Injector Checks—Sellers.

Diam. Axles 8" Depth Frames Driving Springs—Leaves

Length Journals 8-1/2" Cab of steel Dwg. No. WESTINGHOUSE AIR BRAKE Steel—Dwg. No.

No. Truck Wheels ~~xxxxxx~~ Brake—Steel—Dwg. No. Truck Springs—Leaves

Diam. Truck Wheels ~~xxxxxx~~ Bell yes Headlight front and rear Steel—Dwg. No.

Diam. Truck Axles ~~xxxxxx~~ Ashpan ~~xxxxxxxxxxxxxxxxxxxx~~ Guides—Sq. ~~xxxxxx~~

Length Journals ~~xxxxxx~~ Cab Lamp yes Oil Bunker on tender, 1200 gals Piston Rods—Dia. ~~xxxxxx~~

No. Tender Wheels 8 Dwg. No. Style Tank tender Dwg. No. Steam Gauge—5" Ashcroft.

Diam. Tender Wheels 33" Capacity Tank 4000 gals Gals. Steam Brake Valve—"Vulcan"

Diam. Tender Axles 4-1/4" Wood Cyl. Cocks—Long Short Levers.

Length Journals 8" Fuel Capacity, oil, 1200 gals Boiler—Dwg. No. special Climax automatic

Grates—shaking for Diam. Front Head 58" from top of rail to centre hole.

Extras Oil burning apparatus. Air Brake. Air sanders. Special fittings.

as per detailed specification furnished by Commissioners.

See special features on specification also.

Driving Wheel Base 10' 6" Total Wheel Base 10' 6" Total Wheel Base, Engine and Tender

Weight in Working Order 118,000 Lbs. 118,000 Lbs. on Drivers. Shipping Weight 107,500 #

On Leading Trucks ~~xxxxxx~~ Lbs. On Trailers ~~xxxxxx~~ Lbs.

Weight of Tender in Working Order 8000 Lbs. Weight of Tender Empty 43950

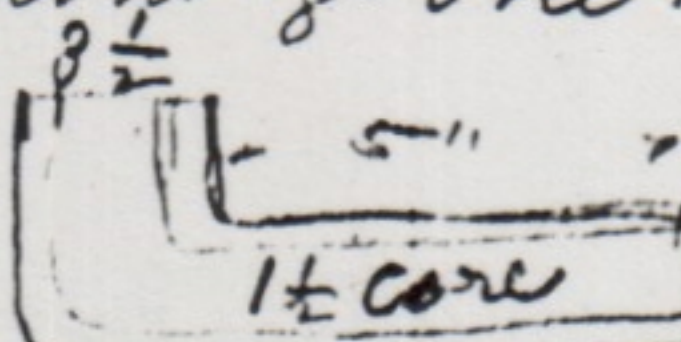
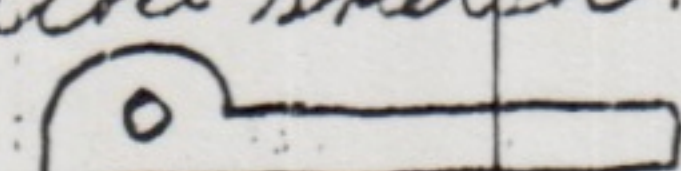
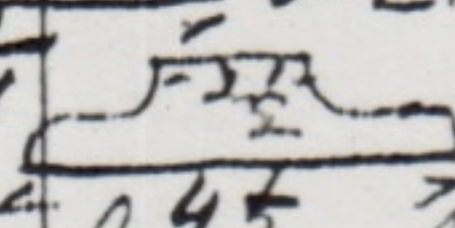
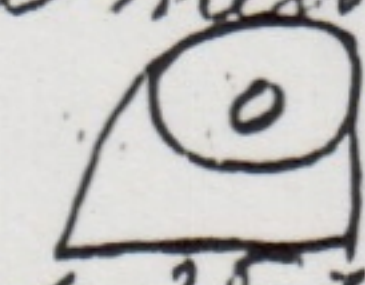
Height Width Length Engine Over All Length Engine and Tender Over All

Painting On tender tank, - BELT LINE RAILROAD

On cab panels, BOARD OF STATE HARBOR COMMISSIONERS Number 4

RETURN TO VULCAN OFFICE WITH ANY CHANGES NOTED.

# Board of State Harbor Commission Order 7119 Oil Burner

19X24X56½" Gauge. Piston valve  
6- 1/4" Driver centers light & heavy.  
8- 33" Tender truck wheels.  
# of loco 1759. Oil Burner. no bar frame  
no grate bars. Westinghouse air brake. 12x18  
fire door. #3 Bell sets on boiler. Height of  
saddle 37". Diameter of boiler 60½". Brake  
shoes & heads over bought. steel cab 16x  
16 ventilator frame & door. used 18x24  
steam pipes patterns as they are only the  
top flanges pitched from 8. one Brass  
whistle elbow thus.  made  
2 new patterns for  
rail columns like sketch. 2 cylinder cock  
brackets thus.  2 1/2 wide. 2 cab  
rail sockets thus  1. see full  
bunch of drawings for all castings.  
made new patterns for lift pin brackets  
thus  one front M.C.B.  
 coupler pocket thus  
front cast steel bumper beam

