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Austin City Railroad No 1 Baldwin Enclosed Motor

c/n 5586

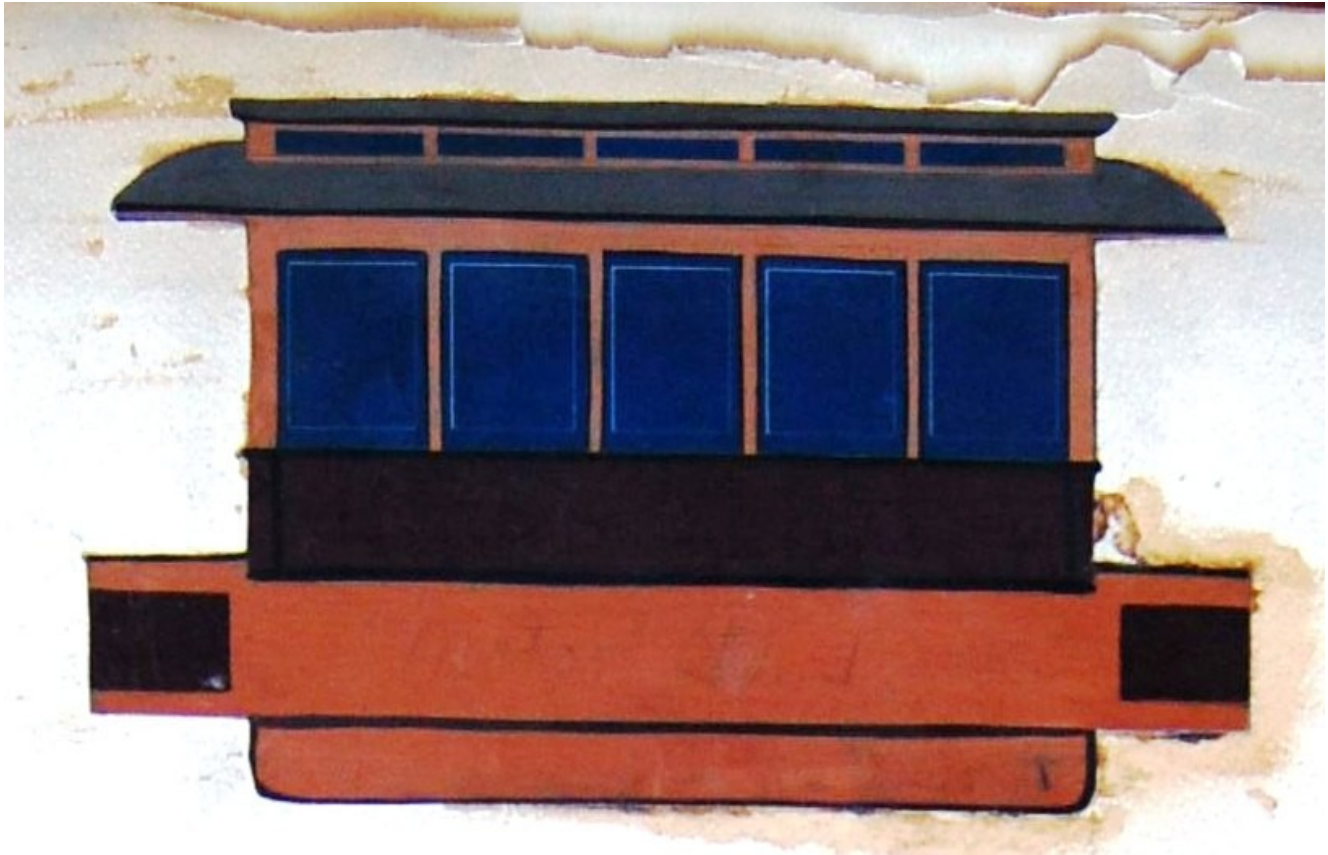
Class - "motor" 6-16 1/3C no. 1

Color and Decoration Study

Specification for Engines, Class ^{motor} 6/10³C Nos. 11

For Paxton & Curtis 12/30 1870 Drawing No. 3

Gauge of Road,	3 Ft 0 In. 5/8" Play.	Pumps, Kind,	{ 1 Wrights pat. double acting Bucket-plunger pump } Position, R.S. front
Fuel,	Wood (Oak pine) Alkali water to be used	Chambers,	Top, Bottom,
Boiler Material,	Steel 1/4" Thick, Bill, 758	Feed Cock, Valve,	R. Feed Pipes, Iron
Diam.,	40" Plan, Straight	Check,	Brass Check " Copper
Dome,	20" Dia. Position, Central ^{Fire Door, 14" { 3 double doors 1 single door } fire door { 18 lbs. water in dome, to have large number of holes drilled in it in same place at back double the st. pipes}	Heaters,	With
" Casing,	Russia Iron Beads, Brass bands	Injectors,	1 Sellers 1876 No. 4 Position, R.
Jacket,	American iron Bands, Iron Style, 5	Pipes, Steam,	Copper Check, Copper Feed, Iron
Fire Box,	30 1/16" Long. 40 3/8" Wide. 4 1/2" Deep.	Check,	B.L.W. Position, R
Material,	Steel Crown, 9/16" Tube, 1/2" Sides, 9/16" Back, 9/16"		
Water Space,	2 1/2" Front. 2 1/2" Sides. 2 1/2" Back.		
Crown Bars,	None Placed above Crown,	Sand Box, Iron	15" Dia. Pipes, Iron
" Bolts,	1" screwed thro. & riveted over	Body,	Iron painted Beads, none
Combustion Cham.	None Hollow Stays, None	Fire Bricks,	Iron, for 50 lb rails
Tubes, Material,	Bron Ends, Swdy for Cop rings fire box ends		
" No.	113, 1 1/4" Dia. 8' 0 1/2" Long.	Cab, Material,	Ash painted ^{cab to cover entire boiler, to have back to slide all around openings to get over or off at both ends from both sides}
Heating Surface,	Tubes, Fire Box, Total,	Snow Plow	Each end
Safety Valves,	2 Crosby Lock up 1 with relief lev. { 7 to 7 1/2 muffled }	Pilot, Each End	Iron Bumper, { front - Oak back Iron }
Gauge Cocks,	3 R.S. in water colm. Surface Cock, None	Drawhead,	24" Cen. above rail.
Glass Gauge,	None Blow off " L.S.	Pushing Shoes,	None Steps, None Bmpr. Plate, With
Dry Pipe,	Wk iron Fire Bricks, None	Bumper Blocks,	None
Cleaning Plugs,	Fire Box, Corners, sides, front & back	Safety Chain Coupling	at both ends of engine, below the regular Coupling so arranged that they can be easily changed from one end of motor to the other (Patent)
" "	Waist, Under, front	Truck,	2 Wheeled, Swing Bolster
" "	Iron back level with crown	Rad Bar,	With Wheel Cover, None
Grate,	Plain bars & dead plate	Wheels,	24" Dia. N. Tread. Plate.
Ash Pan,	6" Deep, Dampers, Single, back	Journals,	3 1/2" " 6" Long.
Stay bolts in fire box	7/16" diam. not over 4 1/2" apart	Tires, Kind,	None Cen. dia., Size, Held by,
Gauge on curves	is widened to 37"	Tender,	None Wheeled. Frame, Drawing No. —
Wheel Base,	5'0" Rigid 5'0" Driving 11'6" Total,	Tank, On boiler	480 Gallons. 414 Bill.
Weight { Working Order }	Lbs. on Drivers. Lbs. "	Trucks,	— Springs,
Water Column	R.S.	Wheels,	— Dia. — Tread, — Plate,
Whistle	With	Journals,	— " — Long,
Jack Screws	Iron	Tires, Kind,	— , — Cen. dia. Size — Held by,
Cylinders,	11" Diam. 16" Stroke, Oilers, In Cab	Tool Boxes,	— Safety Chains,
Steam Ports,	7" Long. 3/4" Wide { 3/4" Bridges.	Drawhead,	— Cen. above rail,
Exhaust "	7" " 1 1/2" "	Brakes, on	— Truck
Valves,	3 1/4" Travel. 9/16" O. S. Lap. 1/32" I. S. Lap. { 1/32" Lead. Single, no extra chamber pipes leading to ash pan }	Bumper Blocks,	
Eccentrics,	2 3/4" Throw. Exhaust Nozzles, 1/4" dia. leading to ash pan	Incub. & Water Capacity for 7 miles run Tank	To be filled through cab roof
Cyl. Casings,	Iron painted Beads, Iron		
St. Chest "	Iron painted Beads, Iron	Running Boards,	None Nosing, —
Valve Motion	Steel pins w/ H	Lamp Shell,	None
		Headlight, { 4' dia. Iron 1/6" Reflector, to burn Kerosene style }	
		Handrail,	Iron Colms. placed on cab. No Clock.
		Bell Stand,	Iron Bell, Medium size
		Steam Gauge Stand,	Iron Gauge, Iron 6" Maker,
		Flag Fixtures,	None
		Finish,	983 Shipment, By rail
		Painting, Style,	Motor #1 Engine, Light leather color, brown panels Tender, striping gold color, Tank drab
		Mark, on Tank,	None
		Builders Card	Large size on each end, Number Plate None
		Class No. Road No. Name,	None 1 MULES' RELIEF.
Journal,	4 1/2" Dia. 6 1/2" Long. Spring Staples, Wk iron		
Wheel Covers,	None		
Brake, Kind,	Steam Position, to operate on disc on driv axle		
" "	Ward " On back of back drivers		
Stack, Kind,	Radley & Brunter 11" Dia.,		
Height,	Above Rail,		
Reflecting Plate	In smoke box, Nothing none		



From the Specification sheet

Painting Style: Motor 1 *Light leather color, brown bands striping gold color, tank drab (no stank style specified)*

Mark on Tank, None

Road No. 1, Name *MULES RELIEF*

Sources:

Baldwin Specification sheet, DeGolyer Library, Southern Methodist University on line at <http://digitalcollections.smu.edu/cdm/ref/collection/rwy/id/32>

Baldwin Color & Decoration books, Stanford University Special Collections

Photo from Bob Grandt.