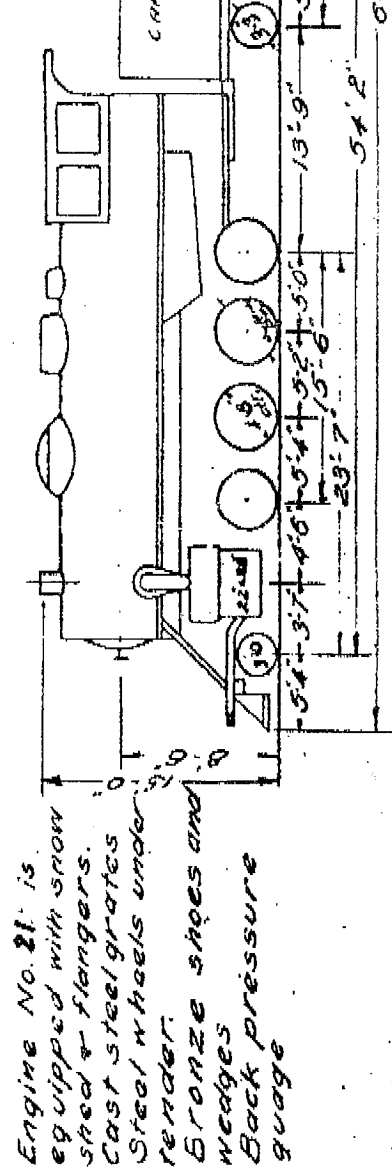


L.S. & I. R. R. ENGINE No. 21
 Old No: 39
 Built by A.L. Co., Pitts. Works
 Year 1910
 Builder's No. 46945
 Rebuilt New,
 Presque Isle Shops
 1930



CLASS-5C-4

Engine No. 21 is equipped with snow shed & flangers. Cast steel grates. Steel wheels under tender. Bronze shoes and wedges. Back pressure gauge

Total width 10'-3"
 Tractive effort 42000*
 Ratio of adhesion 4.09
 Grate area 49.5 sq. ft.
 Steam pressure 200*

Automatic Cylinder Cocks
 Franklin air fire door
 Alco Air Reverse Gear
 No. 2. Worth feedwater heater
 (1) 8 1/2 C.C.Pump

2 Thermic Siphons
 Vitoco Exhaust Pipe
 Raschud Grates

WEIGHT IN POUNDS	SIZE OF JOURNALS	SQ. FT. OF HEATING SURF.
On drivers 172000	Main axles 9"x10"	Fire box 171
On engine truck 17360	Other axles 8 1/2"x10"	Arch tubes-syph 70
On trailer None	Engine truck 5 1/2"x10"	Flues 2418
Total engine 189360	Trailer None	Total 2659
Tender light 52000	Tender 5 1/2"x10"	
Tender loaded 125700	Walschaert Gear, Piston Valves	
Engine and tender loaded 315060		24.578" Superheating flues. 160-2" Tubes 14'-6" long Fire box length 108" width 66"

ATT: STEVEN BUTLER (Nos 18-24 SAME SPECS)