

The State of Maine-Owned, formerly the Grand Trunk, Railroad

Condition, Features and
Operating Potential

BRT Track Hi-Rail Track Inspection

June 8, 2022

- Objective: To determine the potential for a Light Rail Passenger train service
 - Sustainable, all-weather transport.
 - Reduction of traffic and associated space pollution.
 - Smart Growth Transit oriented Development
 - Public transport connectivity
- Excellent and Irreplaceable ROW in a growth region
- Good tie condition (BRT Estimates 9 good ties required for 40 feet for Class 3 track. Show calculation for tie renewal density@ 250/mile
- Not a significant number of highway crossings and some have been completely renewed with 115 lb. CWR
- Need Sperry-Car Track Inspection

“Inter-Urban Light Rail”.

- Definition of Inter-Urban Light Rail (IULR) :
- Operate on the General Railway System (GRS) under the authority and guidance of an FRA waiver
- ILRT is highly adaptable to its environment; and
- Station spacing varies from one third mile to 6 miles

A Light Rail option appears to have been discarded based upon Lewiston-Auburn Passenger Rail Service Plan: Operating Plans and Corridor Assessment, May 2019 Prepared by VHB. Page 12 Section 2.2.4 “Light Rail” :

- *“Light rail is not considered appropriate for the corridors being considered because it cannot operate on existing track.”*
- *“Light rail is typically considered for urban city circulation with station stop spacing that is between ½ to 1 mile”.*

ILRT is highly adaptable to its environment; and station spacing is at needs to be!

- Spacing varies from one third mile to 6 miles



Interurban LRT (ILRT)

- Operate on the GRS under the authority and guidance of an FRA waiver



Typical of new systems or major extensions

- San Diego
- Salt Lake City
- Southern N.J. (RiverLine)*
- Oceanside-Escondido (Sprinter)*
- Austin, Texas (C&P METRO)*
- Denton County (Dallas)*
- Scranton*

Performance

- DMU, Hybrid MU, Battery MU
- Speeds of up to 60 to 65 mph
- ADA compliant, low floor
- Quiet, clean, non-intrusive
- OPTO
- All Weather
- High level of safety
- Not a Streetcar, but is street capable



A Demonstration is a Distinct Possibility



Pop-Up Metro is an initiative intended to expand the size of the rail transit market by allowing metropolitan areas with existing light-density rail freight lines to establish demonstration operations of a rail transit system on a rapid timeline and for the cost that they might otherwise pay for a consulting study.

