

SUMMARY of the MaineDOT application under the Federal Railroad Administration 2018 Consolidated Rail Infrastructure and Safety Improvements Program.

MaineDOT CRISI application Summary “Pan Am Railways Mainline Upgrades and Rail Crossing Safety Improvements”. The full application is available at <http://www.mainedot.gov/grants/crisi/>

Pan Am Railways, Freight Mainline – Waterville yard to Royal Junction (North Yarmouth)
This Project will improve safety, efficiency and reliability on approximately 75 miles of Pan Am’s freight mainline between their freight yard in Waterville and Royal Jct. in North Yarmouth, Maine.

Project Highlights

- 1. Install 37 track miles of new continuously welded rail (CWR)** – replace the remaining old jointed rail that is at the end of its useful life in the corridor with modern welded rail to complement the 38 miles of existing CWR in the corridor previously installed by Pan Am. This will improve RR safety and reliability.
- 2. Replace 25 mainline switches-** replace all the rail switches in the corridor (most of these are at the end of their life) with modern switches improving RR safety and efficiency. Some switches will be upgraded to power switches that allows control of the switch by the dispatcher as opposed to manual hand-throw switches.
- 3. Reconstruct and modernize 47 highway/rail grade crossings-** Signal modernization at all 47 grade crossings and surface reconstruction at 23 of these crossings. This will bring modern constant warning signals to each crossing with modern 12” LED signal flashers replacing outdated highway signal systems in the corridor, some dating back to the 1950’s. This will improve both rail safety and highway safety in the corridor.
- 4. Extend New Gloucester Siding-**This will extend an existing siding by 4800’ and modernize the remainder of the siding so that longer trains can meet and pass in the corridor, improving efficiency by allowing more trains in the corridor in a shorter time frame as well as longer more efficient trains in the corridor.
- 5. Wayside Track Signal improvements-** install wayside signals at Leeds Jct. and complete signal systems between Danville Jct. and Royal Jct. This will improve rail safety and efficiency and fill in the gaps where track signals do not currently exist in the corridor. Improving safety and efficiency.
- 6. Bridge Deck Replacements-**Replace bridge deck timbers on 8 bridges. This will improve safety and increase speeds over these bridges.
- 7. Private Crossing rehabilitations-** replace planking and install modern signage at 42 private rail crossings resulting in increased safety at these crossings.

Estimated Project Construction Budget - \$35,505,772

FRA CRISI application -	\$17,468,840
Private Match (Pan Am Railways)	\$17,468,840
MaineDOT Oversight/engineering	\$ 568,092

MaineDOT will be the project applicant and will provide NEPA, Project Management, Oversight and Inspection.

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