



Johnstown Incline - Rehabilitation

Presentation to Camtran Board

May 30, 2018

History of the Johnstown Incline

- Construction started in 1890; opened 1891
- The angle of the railway 35 degrees, 25 minutes; 70.9%
- The length is 896.5 feet.
- Cars: 15'2"x15'6"x34' long, 38 tons each
- Ties: 720 in total, each 12" x 12" x 14'
- Rails: total length: 3,586 ft., total weight: 120,553 lbs.



Schedule

- 1983 - Last rehabilitated of the Incline
- 2016 – TranSystem Assessment Report
- 2017 – HNTB Assessment Report
- 2018/19 – Environmental Clearance/Design
- 2020/2023 - Construction



2017/18 Construction

- Mechanical
 - New key installed in safety sheave



- Electrical
 - Motor – cleaned and rewound.

Design for 2019/2020

- Mechanical
 - Replace Safety Sheave Assembly
 - Replace Safety Sheaves
 - Railroad ties
- Electrical
 - Emergency Generator
 - Relocate Utility Pole w/ mounted Switch and Pole mounted transformer
 - LED Lighting



Design for 2019/2020



- Communications
 - Radio/PA Announcing
- Structural/Architecture
 - Access to complete Mechanical/Electrical work

