



**Massachusetts Bay
Transportation Authority**

Report from the Deputy General Manager

Fiscal and Management Control Board

June 7, 2021

Orange Line Incident Investigation Update



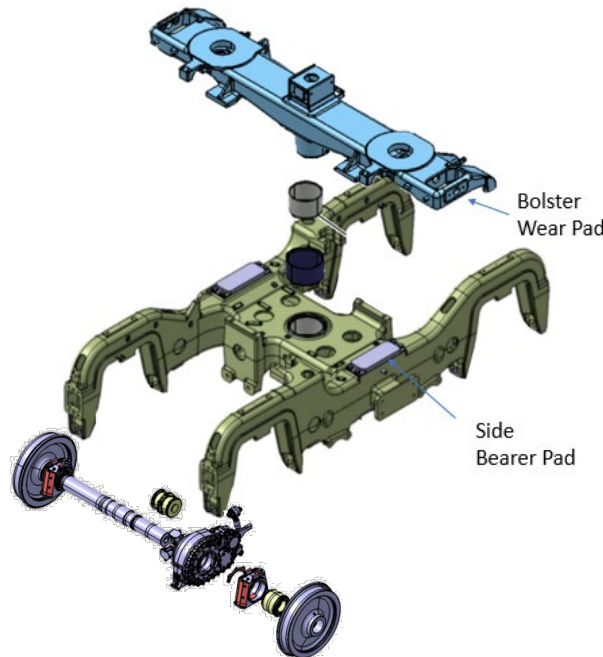
Derailment Investigation Continues – probable causes are a combination of contributing factors.

Infrastructure:

- No guard rail, additional preventative rail used to hold train on tracks, at switch.
- Cross level of track at the switch - Within our standards but approaching limit.
- Coefficient of friction of track at switch - Estimated to be higher than industry standard.

Vehicle:

- Excessive rotational force of truck – rotational force found to be outside of design limits due to degradation of performance of side bearer pads.



All parties are working to reintroduce the cars back into revenue service.

