Plastic Passenger Seating Procurement

Type 1, 2 and 2.5 Light Rail Vehicles

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Project Justification

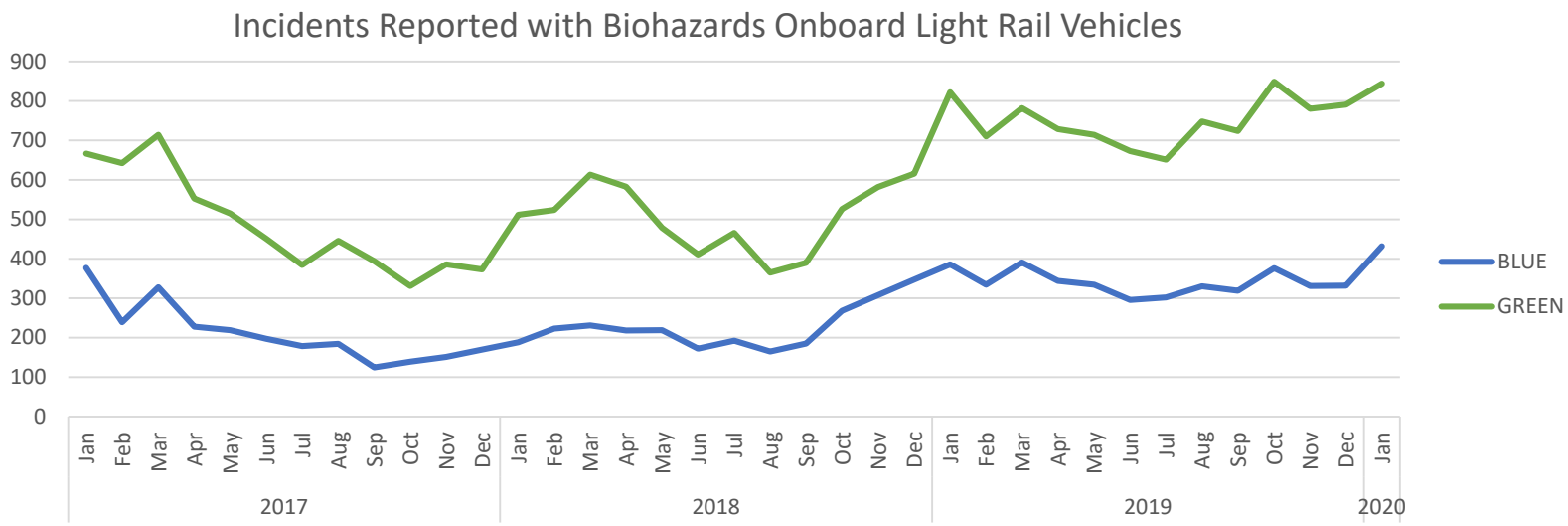
- Problem Statement
- Statistics
- Solution
- Quantities

Problem: Cloth Seat Maintenance

- Cleaning and replacement
  - Proper cleaning and hygiene require frequent replacement and re-covering of current cloth seat inserts.
- Appearance
  - Stained seating requires new fabric covering.
- Labor
  - Seat bottoms and backs must be removed from the train to be cleaned and then dried. This is a labor intensive process.

Statistics

Rate of incidents requiring special cleaning onboard Light Rail Vehicles has increased over time



Annual Maintenance Commitment

Labor Hours -	1,664
Seats (Material Recovering)-	3,892

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Solution: Plastic Seats

- Less labor and material to maintain
  - Easily wiped down to both clean and disinfect.
  - Does not need to be removed from vehicle to perform cleaning.
- Greatly improves customer comfort
  - Easier to assess the cleanliness of seat before sitting.
  - **Piloted plastic seating on 6 Blue Line Vehicles- favorable customer feedback**

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Plastic Seat Example Comparison

Sample plastic seat back against current cloth seating

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Part Quantities

Vehicle Type	# of Vehicles	Seat Backs	Seat Bottoms
Type 1	27	1,980	1,980
Type 2/2.5	64	4,544	4,544
Type 3	27	180	180
Total Pieces		13,408	

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Outcome

Seeking approval to award contract to Visual Productions Group, Inc. for $1.8M to manufacture plastic Light Rail Vehicle passenger seating.