

MUNIFORWARD



MUNI FORWARD

Introducing a New Standard
for Service Performance

SFMTA Board, April 19, 2016



MEETING REGIONAL GROWTH FOR RAIL SERVICE

- Introducing first cars in 2016
- Increasing Light Rail Vehicle fleet size by twenty-four by 2018
- Growing Light Rail Vehicle fleet by forty more cars by 2020
- Adding a total of sixty-four cars to the Light Rail Vehicle fleet before replacing Breda cars

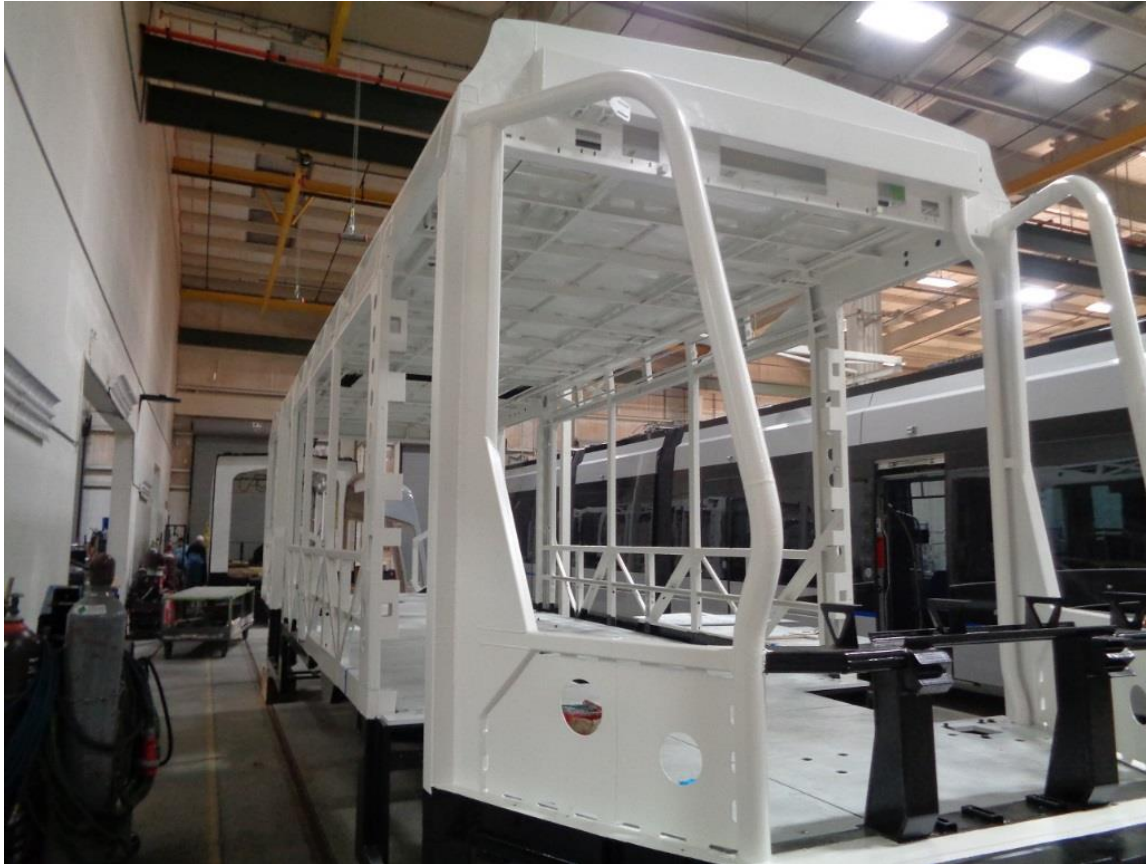


ADVANCING MANUFACTURING OF NEW GENERATION VEHICLES

- Completing final design
- Reviewing performance of key components such as: propulsion, doors/steps, Heating, Ventilation and Air Conditioning System (HVAC)
- Testing features to improve ride quality and noise
- Exceeding energy efficiency requirements
- Advancing integration of Transit upgrades including: Radio, Computer Aided Dispatch/Automatic Vehicle Location (CAD/AVL), Automatic Train Control System (ATCS)

BENEFITS OF NEW CAR TO IMPROVE SAFETY AND PERFORMANCE

- Meets stringent weight requirements; 2-thousand pounds below target weight
- Enhances system safety by exceeding crashworthy requirements
- Improves passenger amenities such as more stanchions, brighter lighting and wider aisles
- Surpasses Americans with Disabilities Act (ADA) standards
- Improves Operator visibility and comfort
- Allows easy access for inspections, maintenance and repairs to minimize time out of service
- Advances technology for audio announcements and camera surveillance systems



Picture of a primed car shell

ACTIONS TO PREPARE SFMTA TO RECEIVE NEW FLEET

- Completing infrastructure upgrades
- Building a training simulator – January 2017
- Advancing start-up plan to insure effective introduction of new cars
- Developing training manuals for mechanics and operations
- Establishing supply chain to insure the storeroom is ready to support the new fleet
- Purchasing special tools and equipment to be delivered with the first car

DEVELOPING SERVICE SCENARIOS

- Re-introducing longer trains
- Evaluating coupling practices for increased service flexibility
- Introducing Express Trains
- Assessing bypass tracks at selected locations



REQUIRED STEPS TO PUT LRV4 INTO REVENUE SERVICE

- Passing over six hundred individual tests for performance
- Meeting requirements for one-thousand mile error free burn-in operation
- Completing safety certification requirements from oversight agencies

New Service Era begins in 2017!



LRV4 COMING 2016

