



AGTS TRAIN CAR REPLACEMENT CONTRACT 201841190

DAVE LAPORTE – SVP AIRPORT OPERATIONS
DENVER INTERNATIONAL AIRPORT

July 11, 2018

CONTRACT DESCRIPTION



- Procures 26 replacement and expansion vehicles
- Several benefits to DEN:
 - Replaces sixteen end of life vehicles
 - Full expansion of current fleet
 - Improves customer experience
 - Upgrade to greener technology
 - Enables airport to meet demand



ADDITIONAL CONTRACT DESCRIPTION

- Bombardier Transportation (Holdings) Inc. selected
 - Original manufacturer of the DEN system
 - Seamless integration into existing system

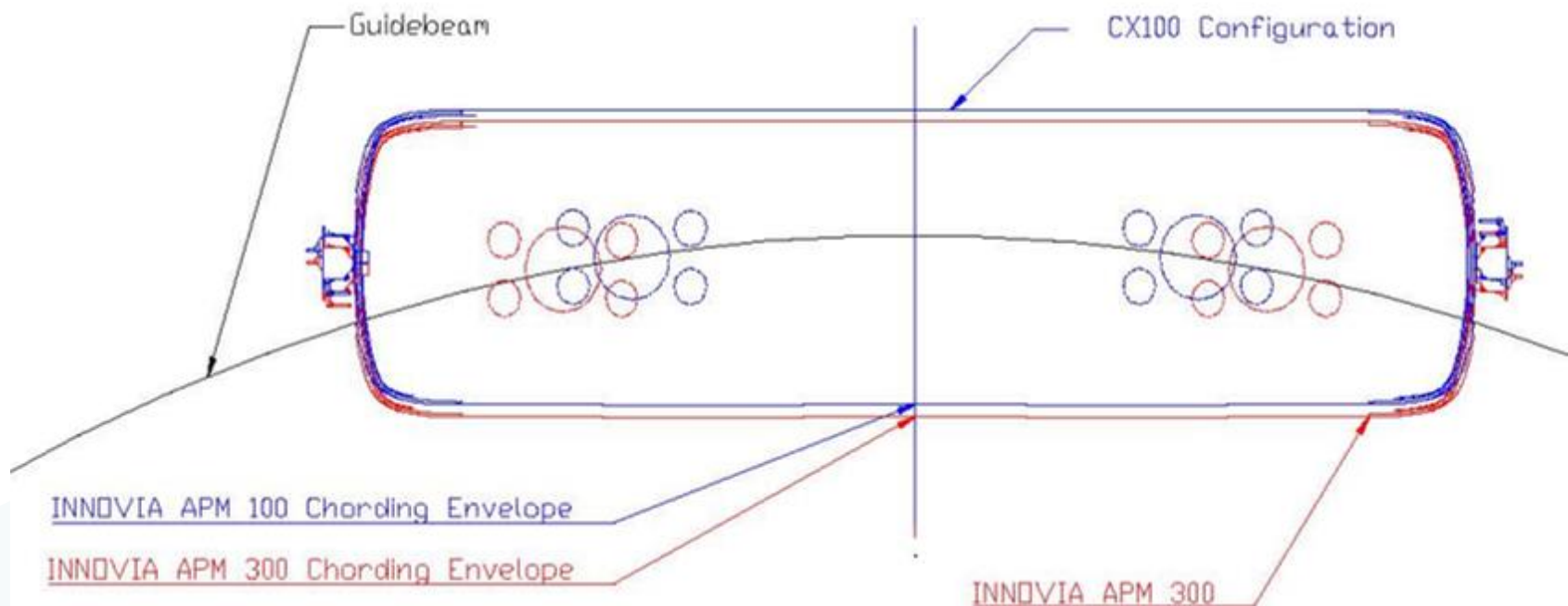


SELECTION PROCESS

- Sole source contract
 - Only company able to build and execute the work
 - Currently the maintenance and operations provider
- Original equipment manufacturer of all current equipment
- Alternative solutions were considered
 - Other manufacturers require high level of modification
 - Continuing to run original fleet presents elevated risks
 - Older technology could be procured but not practical

VEHICLE DIFFERENCES

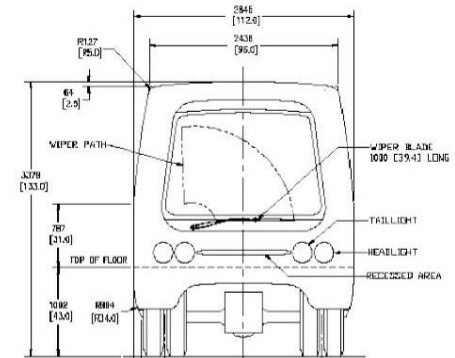
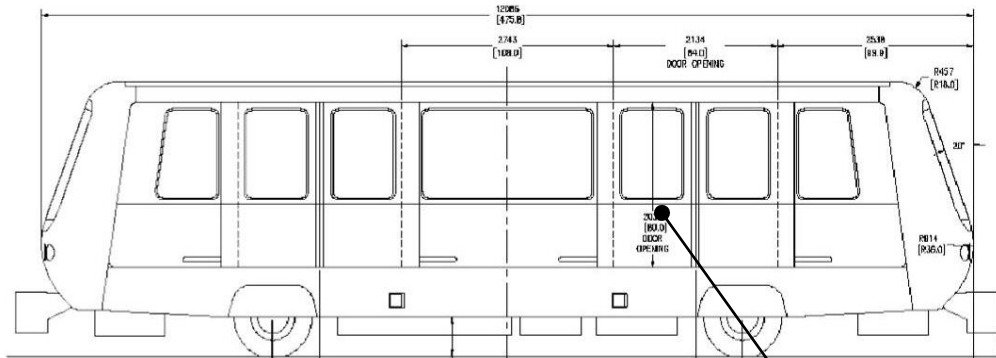
- Fleet currently consists of Bombardier APM 100 vehicles
- The replacement will be the APM 300R compatible with DEN infrastructure
 - Doors will align with all platform doors
 - New design allows for cornering in tunnels



INNOVIA APM 100 VS 300R



Existing Train Car Innovia 100

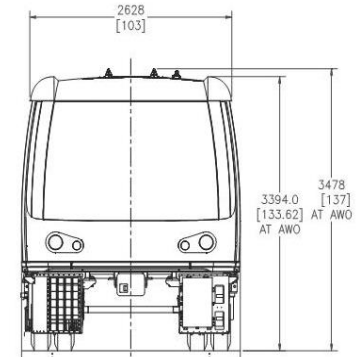
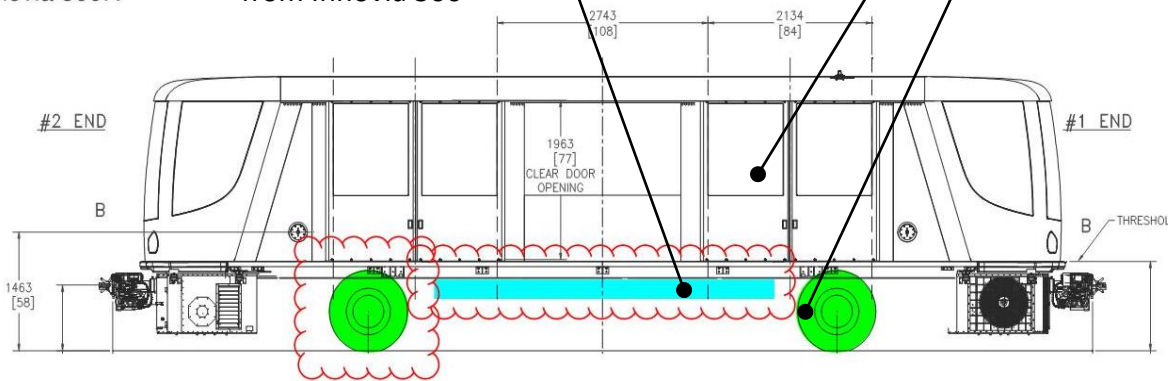


Proposed Train Car Innovia 300R

Propulsion System,
from Innovia 300

Doors align to Innovia 100 config.

Wheelbase & Bogey, from Innovia 100



Source: APM 300R Presentation, City & County of Denver Department of Aviation November 30, 2016

GOALS



- Sole source contract
 - There is only one company qualified to do the work
 - Office of Economic Development has evaluated the opportunity
 - The MWBE goal was waived



CONTRACT TERMS AND AMOUNT

- Five year term
- \$78,850,000.00 maximum liability
- Includes
 - 26 vehicles
 - Testing at manufacturing site and DEN
 - Integration with DEN system
 - Training for onsite maintenance staff



BUSINESS CASE SUMMARY



- This project intends to accomplish two major tasks
 - Replace 16 of our original vehicles
 - Expand the fleet by an additional ten cars to accommodate growth
- The original equipment manufacturer was chosen
 - Built the current system
 - Each manufacturers' system is unique
 - This is the best fit and functionality turn key
- The city benefits are
 - Sustainable vehicles
 - Modern technology

QUESTIONS



Conceptual image only



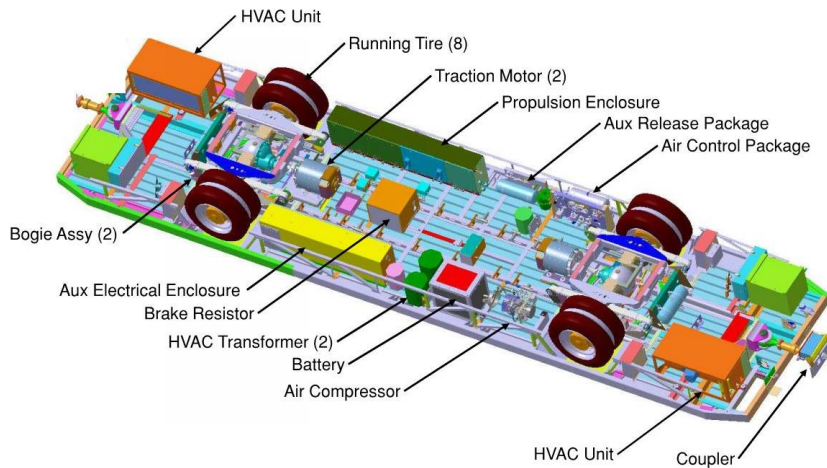
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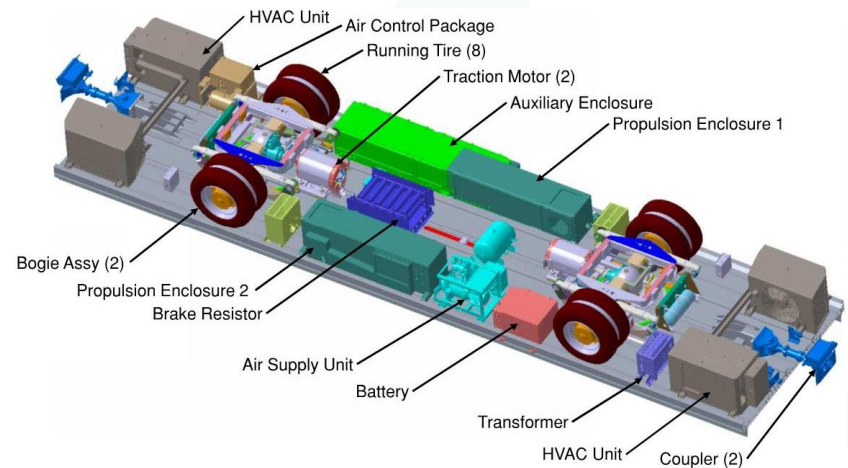
INNOVIA APM 100 VS 300R

VEHICLE UNDERCAR EQUIPMENT COMPARISON

Existing Train Car
Innovia 100



Proposed Train Car
Innovia 300R



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