North American LRV/Streetcar Procurements … since we last met

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13th National Light Rail & Streetcar Conference
Information Presented

- Agency
- Carbuilder
- Car length
- % Low Floor
- Total fixed seats (+ folding seats)
- Purchase quantity
- Unit price (less spares, special tools and test equipment)
- Delivery/in-service year(s)
North American LRV/Streetcar Procurements … since we last met

Light Rail Vehicles
Boston

- MBTA
- CAF
- 72’ (21.9m)
- 70% Low Floor
- 44 seats (+ 6)
- 24 cars
- $4.7M
- 2017-19
Calgary

- C-Train
- Siemens
- 84.8’ (24.8m)
- High Floor
- 60 seats
- 63 cars
- $3.1M
- 2015-16
Minneapolis

- Metro
- Siemens
- 94' (28.5m)
- 70% Low Floor
- 56 seats (+ 4)
- 5 cars
- $4M
- 2017
Ottawa

• City of Ottawa
• Alstom
• 160.8’ (49m)
• 100% Low Floor
• 104 seats (+16)
• 34 cars
• $ n/a (DBM)
• 2017-18
San Francisco

- SFMTA
- Siemens
- 75’ (22.9m)
- High Floor
- 52 seats (+ 8)
- 175 40
- $3.3M  $3.4M
- 2017-28  2018-19
Waterloo

- Region of Waterloo
- Bombardier
- 101’ (30.8m)
- 100% Low Floor
- 56 seats (+ 4)
- 14
- $ TBD
  (Metrolinx option)
- 2017
North American LRV/Streetcar Procurements … since we last met

Streetcars
El Paso

- Camino Real Regional Mobility Authority
- Brookville
- 46.5’ (14.2m)
- High Floor
- 41-44 seats
- 6 (+1) cars
- $3.0M
- 2018
Dallas

- City of Dallas/DART
- Brookville
- 66.9’ (20.4m)
- 70% Low Floor
- 30 seats (+ 4)
- 2 cars (option)
- $3.5M
- 2016
Detroit

- M-1 Rail
- Brookville
- 66.9’ (20.4m)
- 70% Low Floor
- 28 seats (+ 4)
- 6 cars
- $4.9M
- 2016-17
Kansas City

- City of Kansas City
- CAF
- 77.7’ (23.6m)
- 100% Low Floor
- 32 seats (+ 6)
- 4
- $3.6M
  (Cincinnati option)
- 2015-16
Milwaukee

- City of Milwaukee
- Brookville
- 66.9’ (20.4m)
- 70% Low Floor
- 32 seats (+ 4)
- 4 (+20) cars
- $3.8M
- 2017-18
Oklahoma City

- Oklahoma City
- Brookville
- 66.9’ (20.4m)
- 70% Low Floor
- 30 seats (+4)
- 5 (+8)
- $ not avlbl. yet
- 2017-18

Onboard Energy Storage
What’s Next?

Light Rail Vehicles

Baltimore - Purple Line PPP (~58)
Edmonton – Valley Line PPP (~30)
Hamilton (~22)
Minneapolis (27+50)
Norfolk (4)
Seattle (122+30)
Durham-Orange (~12)
... more?
What’s Next?

Streetcars
Fort Lauderdale (5 – w/onboard energy storage)
Streetcars
Charlotte (6-8 – w/onboard energy storage)
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<td>Others?</td>
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Summary

• Major fleet replacement for San Francisco
  (Philadelphia next?)

• More 100% low floor cars
  (Kansas City, Ottawa, others?)

• More streetcars w/onboard energy storage
  (Charlotte, Dallas, Detroit, Fort Lauderdale, Oklahoma City, others?)

• Several procurements by PPP/DBM
  (MDMTA Purple Line, Edmonton, Ottawa, others?)

• Numerous potential streetcar projects
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Thank You!

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