Memorandum

DATE 25 April 2014

to The Honorable Members of the Transportation and Trinity River Project Committee:
Voncie Jones Hill (Chair), Lee Kleinman (Vice Chair), Deputy Mayor Pro Tem Monica Alonzo,
Mayor Pro Tem Tennell Atkins, Sandy Greyson, and Sheffie Kadane

SUBJECT Streetcar Production – Final Phase

On Monday, 28 April 2014, the Transportation and Trinity River Project Committee will be briefed on the
Streetcar Production – Final Phase. The material is attached for your review.

Please contact me if you have questions.

Jill Jordan, P.E.
Assistant City Manager

Attachment

C: A.C. Gonzalez, City Manager
   Warren M.S. Ernst, City Attorney
   Craig D. Kinton, City Auditor
   Rosa A. Rios, City Secretary
   Daniel F. Solis, Administrative Judge
   Ryan S. Evans, (I) First Assistant City Manager
   Forest E. Turner, Assistant City Manager

   Joey Zapata, Assistant City Manager
   Charles M. Cato, (I) Assistant City Manager
   Theresa O'Donnell, (I) Assistant City Manager
   Jeanne Chipperfield, Chief Financial Officer
   Shawn Williams, (I) Public Information Officer
   Elsa Cantu, Assistant to the City Manager – Mayor & Council

"Dallas-Together, we do it better"
Streetcar Production – Final Phase

Transportation and Trinity River Project Committee
28 April 2014
Streetcar Vehicle Specifications

- Base Project – two Streetcar vehicles from Brookville Equipment Corporation
- Option up to two additional vehicles
- Double-articulated with low floor center section
- Dual mode – capable of both overhead contact system operation and off-wire operation
- 30 year service life
- FTA Compliant
  - Buy-America
  - ADA
- Compatible with DART Light Rail System Requirements
Vehicle Components

The Vehicles will be provided with the following equipment:

- **Closed Circuit Television** installed
- **Automatic Passenger Counters** installed
- **Fare Collection Equipment** (made ready to accept for future installation)
- **Load Leveling System** for 14 inch platform height installed
- **Automatic Train Protection** (Vehicles made ready to accept for future installation)
- **Communications / Radio Equipment** installed (Consistent with DART requirements)
- **Train Stop System** installed
- **Train to Wayside Communications** installed (consistent with DART requirements)
- **Off-Wire Energy Storage System [“OESS”]** installed
- **Spare Parts**
- **Special Tools**
- **Necessary Test Equipment and Software**
Vehicle Color

Color based upon:

• Future maintenance cost was a major consideration
• Color is compatible with DART Light Rail Transit ("LRT") vehicles
• The seat fabric is the same as the LRT vehicle seat fabric
• Interior materials ensure ease of maintenance and efficiency
• The Dallas Streetcar System will have specific branding that will distinguish it from the existing transit fleet while maintaining compatibility
Streetcar (side view)
Streetcar (front view)
Streetcar Interior