

## APPENDIX A

### FTA SURVEY ON NON-RAIL VEHICLE MARKET VIABILITY

— Survey Instrument for Transit Agencies —

Transit Agency: \_\_\_\_\_

Name & Title: \_\_\_\_\_

Date (mm/dd/yy): \_\_\_\_\_

*Please complete this survey and send it to [fka@fkassociates.com](mailto:fka@fkassociates.com) or by fax to 703-838-9079. Please note that all responses will be kept confidential and will be used solely for the purpose of the Federal Transit Administration. If you have any questions about the survey, please contact Ms. Shiho Thompson at Frances Kernodle Associates, Inc. at 703-519-3950. For questions about the FTA project, please contact Ms. Helen Tann at [Helen.Tann@fta.dot.gov](mailto:Helen.Tann@fta.dot.gov). Thank you for your support and cooperation.*

#### FLEET SIZE & TYPE

1) Which types of vehicles currently are operated by your transit agency on **fixed-route services**, and what is the approximate number of each vehicle type in your bus fleet?

Vehicle Type	Total Number of Vehicles
<input type="checkbox"/> Articulated bus	
<input type="checkbox"/> Intercity (35'-45') bus	
<input type="checkbox"/> 45' Transit bus	
<input type="checkbox"/> 40' Transit bus	
<input type="checkbox"/> 35' Transit bus	
<input type="checkbox"/> 30' Transit bus	
<input type="checkbox"/> Suburban	
<input type="checkbox"/> Trolley replica	
<input type="checkbox"/> Small vehicle	
<input type="checkbox"/> Trolleybus	
<input type="checkbox"/> Other, please specify _____	

#### NEW PURCHASES & DELIVERY

1) Has your agency purchased or awarded a contract(s) for new buses this year?

- Yes      *(Continue with Question #2)*
- No      *(Skip to Question #4)*

2) If **yes**, what type, how many, and at what cost?

Type of Bus (please indicate make & model)	Number and Price of Vehicles Purchased
<input type="checkbox"/> Articulated bus Make/Model:	No. of vehicles: \$
<input type="checkbox"/> Intercity (35'-45') bus Make/Model:	No. of vehicles: \$
<input type="checkbox"/> 45' Transit bus Make/Model:	No. of vehicles: \$

<input type="checkbox"/> 40' Transit bus Make/Model:	No. of vehicles: \$
<input type="checkbox"/> 35' Transit bus Make/Model:	No. of vehicles: \$
<input type="checkbox"/> 30' Transit bus Make/Model:	No. of vehicles: \$
<input type="checkbox"/> Suburban Make/Model:	No. of vehicles: \$
<input type="checkbox"/> Trolley replica Make/Model:	No. of vehicles: \$
<input type="checkbox"/> Small vehicle Make/Model:	No. of vehicles: \$
<input type="checkbox"/> Trolleybus Make/Model:	No. of vehicles: \$
<input type="checkbox"/> Other, please specify_____	No. of vehicles: \$

3) Please discuss the primary reason(s) for selecting the cited type(s) of vehicles your agency procured, or plans to procure, this year. (e.g., aging equipment, unique features, low cost, etc.)

4) If **no**, please discuss the primary reasons for not purchasing new vehicles this year.

5) How many vehicles, if any, and what types will be **delivered in 2005** (including those delivered to date)?

Vehicle Type (please indicate make & model)	Number of Vehicles Delivered or Scheduled for Delivery in 2005	Year the Vehicles were Ordered
<input type="checkbox"/> Articulated bus Make/Model:		
<input type="checkbox"/> Intercity (35'-45') bus Make/Model:		
<input type="checkbox"/> 45' Transit bus Make/Model:		
<input type="checkbox"/> 40' Transit bus Make/Model:		
<input type="checkbox"/> 35' Transit bus Make/Model:		

<input type="checkbox"/> 30' Transit bus Make/Model:		
<input type="checkbox"/> Suburban Make/Model:		
<input type="checkbox"/> Trolley replica Make/Model:		
<input type="checkbox"/> Small vehicle Make/Model:		
<input type="checkbox"/> Trolleybus Make/Model:		
<input type="checkbox"/> Other, please specify _____		

6) How many **transit buses** have been retired or downsized in 2005? Please discuss the primary reasons for removing these buses from your fleet.

**BUS SERVICES & NEEDS**

1) What type(s) of **fixed-route transit bus service** does your transit agency offer? Please check all that apply and indicate the number of routes by service type.

Type of Service	Number of Routes
<input type="checkbox"/> Local	
<input type="checkbox"/> Express	
<input type="checkbox"/> Limited-stop	
<input type="checkbox"/> Bus Rapid Transit (BRT)	
<input type="checkbox"/> Other	

2) What **new bus service**, if any, is your transit agency planning to provide in the next 5-7 years? Please check all that apply and indicate planned start date.

Planned Type of Service	Number of Routes
<input type="checkbox"/> Local	
<input type="checkbox"/> Express	
<input type="checkbox"/> Limited-stop	
<input type="checkbox"/> Bus Rapid Transit (BRT)	
<input type="checkbox"/> Demand Response	
<input type="checkbox"/> Other, please specify	
<input type="checkbox"/> No new service – <i>Please skip to Question #4</i>	

3) Based on your response to the previous question, what types and sizes of vehicles are critical for your transit agency over the next 5-7 years to meet the demands of **current and new** service? Please explain.

4) What bus-related challenges do you predict that your agency will face over the next 5-7 years? Please explain.

### **NEW TECHNOLOGY**

1) If cost were not an issue, what technologies (excluding propulsion systems) would be “must haves” in the next 5-7 years for your **transit buses**? (e.g., APC, AVL, electronic fare collection, obstacle detection device, etc.)

2) Does your agency currently use ultra-low sulfur diesel (i.e. “clean” diesel) for **transit buses**?

- Yes (Please indicate for how many transit buses: \_\_\_\_\_)
- No

3) Does your agency currently use, or plan to use in the next 5-7 years, any power source other than diesel and/or gasoline for your **transit buses**?

a. If **no**, what are the primary reasons for not using a clean/alternative fuel and propulsion system?

*Please proceed to the **PROCUREMENT ISSUES** section of the questionnaire.*

b. If **yes**, please check all that apply and indicate the number of buses. *Please proceed to Question #4.*

Power Source	Number of Transit Buses
<input type="checkbox"/> Compressed Natural Gas (CNG)	
<input type="checkbox"/> Liquefied Natural Gas (LNG)	
<input type="checkbox"/> Diesel-Electric Hybrid	
<input type="checkbox"/> Diesel-Gasoline Hybrid	
<input type="checkbox"/> Biodiesel	
<input type="checkbox"/> Hydrogen fuel-cell	
<input type="checkbox"/> Other, please specify _____	
<input type="checkbox"/> Plan to use one of the above, but have not decided yet	

4) Please give the approximate total capital costs and annual maintenance & operation costs for the alternative fuel buses.

Total capital costs (including new bus purchase, retrofit, facilities and training):  
\$ \_\_\_\_\_

Annual maintenance & operation costs: \$ \_\_\_\_\_

5) Why did your agency decide to use the cited power source(s)? Please check all that apply.

- |   |   |
|---|---|
| <input type="checkbox"/> To comply with federal emissions standards | <input type="checkbox"/> As a response to public demand |
| <input type="checkbox"/> To comply with state emissions standards   | <input type="checkbox"/> For public relations purposes  |
| <input type="checkbox"/> For fuel efficiency                        | <input type="checkbox"/> To stimulate the local economy |
| <input type="checkbox"/> To save costs in the long run              | <input type="checkbox"/> Other, please specify: _____   |

6) Based on your response to Question #5, have those goals been met? Please rate on a scale of 1-5.

1  
not at all
2  
mostly not
3  
somewhat
4  
mostly
5  
fully

### PROCUREMENT ISSUES

1) FTA currently is conducting a pilot **pooled procurement** program called the Cooperative Procurement Pilot Program (CPPP). What is your opinion about partnering with other transit agencies to procure buses through a single and standardized RFP for buses that share the same specifications, features and design?

2) How does the ***Buy America*** policy affect your agency's procurement process for federally funded procurement of buses?

3) What are the most significant challenges that your agency is facing currently with regard to procurement of buses?