

**RESOLUTION NO. 2014-01**

**RESOLUTION OF THE BOARD OF DIRECTORS  
OF THE ANAHEIM TRANSPORTATION NETWORK  
AUTHORIZING ACQUISITION OF A FLEET OF TRANSIT BUSES  
PURSUANT TO CALIFORNIA VEHICLE CODE SECTION 35554**

WHEREAS, California Vehicle Code Section 35554 states that a publically operated transit system shall not procure or acquire, on or after January 1, 2013, a transit bus whose weight limit on any single axle exceeds 20,500 pounds except under certain conditions, and

WHEREAS, California Vehicle Code Section 35554 sets forth that a publically operated transit system may procure or acquire a transit bus whose gross weight on a any single axle exceed 20,500 pounds if: (1) the transit bus is being acquired is of the same or lesser weight limit that the transit bus it is replacing, (2) the transit bus being acquired is expanding a current fleet class, or (3) the transit bus being acquired represents a new fleet class. Additionally, the purpose of the acquisition must be in order to address a need to serve a new or existing market pursuant to its most recently adopted transit plan, or to meet a federal, state, regional or local statutory or regulatory requirements; and

WHEREAS, for the purposes of California Vehicle Code Section 35554 "fleet class" means a group of transit buses designed by a for the publically owned transit system that have a combination of two or more of the following similar defining characteristics: (1) length, (2) seating capacity, (3) number of axles, (4) fuel of power system, (5) width, (6) structure, (7) equipment package; and

WHEREAS, in light of the conditions set by the California Vehicle Code Section 35554, in order for the Anaheim Transportation Network (ATN) to acquire new or used transit buses for its fleet, the Board of Directors must, at a public hearing, adopt specific findings that the acquisition meets on of the specified conditions for acquisition and also that the need to acquire and operate the proposed vehicles is based upon the need to serve a new or existing market pursuant to its most recently adopted transit plan, or to meet a federal, state, regional and local statutory or regulatory requirement.

NOW, THEREFORE, BE IT RESOLVED, that the Board of Directors of the Anaheim Transportation Network finds the following:

1. ATN has the need to acquire and operate thirty five (35) Liquefied Natural Gas (LNG) transit buses whose gross vehicle weight on any single axle will exceed 20,500 pounds. These thirty five (35) LNG transit buses are currently leased from Orange County Transportation Authority and will represent an expansion of ATN-owned fleet of transit buses.

2. ATN is in need to acquire and operate thirty five (35) LNG buses whose gross weight on any single axle will exceed 20,500 pounds to serve a new or existing market pursuant to its most recently adopted transit plan, and to meet a federal, state, regional or local statutory or regulatory requirement.

3. ATN may have a need to procure and operate a new fleet class of 40-foot electric propulsion motor transit buses whose gross weight on any single axle will exceed 20,500 pounds. These transit buses will represent a new fleet class separate and apart from ATN's existing fleet of transit buses. The defining characteristics of the new fleet class that sets it apart from ATN's existing fleet class are:

a. The new fleet class of buses will utilize a new power system provided through Iron-Phosphate ("Fe" Battery) technology;

b. The new fleet class of buses will utilize in-wheel traction motors to allow for ultra-low floor loading options; and

c. The new fleet class of buses will utilize an all-electric operating system with regenerative braking to reduce brake component wear and increase operating range to 150 miles.

4. ATN is in need in the future to acquire and operate 32-foot low floor Compressed Natural Gas (CNG) buses whose gross weight on any single axle will exceed 20,500 pounds to serve a new or existing market pursuant to its most recently adopted transit plan, and to meet a federal, state, regional or local statutory or regulatory requirement. The defining characteristics of the new fleet class that sets it apart from ATN's existing fleet class are:

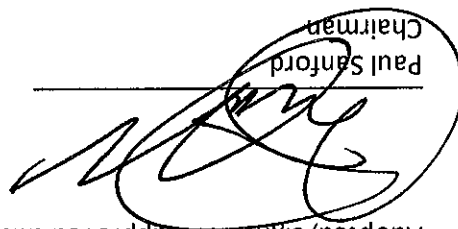
a. The new fleet class utilizes CNG-fueled John Deere 8.1 Liter CNG engine coupled to an Allison B300R transmission that meets Environmental Protection Agency and California Air Resources Board's 2013 emission standards;

b. The useful life of the new fleet class will be 12 years or 500,000 miles to provide extended useful life of the vehicle; and

c. The new fleet class will be a low-floor bus equipped with a fold-out handicap ramp and meets all Federal accessibility requirements. The new fleet class will expedite passenger loading factors and provides greater operating efficiencies.

5. The need to acquire and operate these new transit buses, whose gross vehicle weight exceeds 20,500 pounds on any single axle, is in order to expand an existing fleet class and to incorporate a new fleet class into the ATN's existing inventory to address the need to serve a new or existing market pursuant to the ATN's transit plan and to meet federal, state, regional and local statutory or regulatory requirements.

Adopted, signed and approved this 26<sup>th</sup> day of February, 2014.

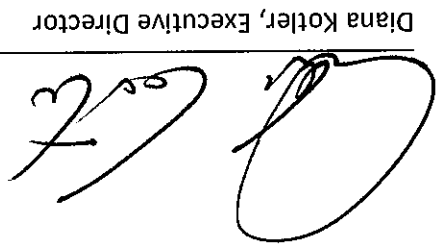
  
 Paul Sanford  
 Chairman

Diana Kotler, Executive Director

  
 Attest:

I, Diana Kotler, Executive Director of Anaheim Transportation Network, do hereby certify that the foregoing Resolution No. 2014-001 of the Board of Directors was duly adopted by the Board of Directors of Anaheim Transportation Network, a California nonprofit public benefit corporation, at a regular meeting of the Board on February 26, 2014, and that it was so adopted by the following vote:

YEAS:  
 NEAS:  
 ABST:

  
 Diana Kotler, Executive Director

**ATTACHMENT A**

**Anaheim Transportation Network  
Bus Fleet Classes Axle Weights**

<b>Current Fleet Class</b>	<b>Rear Axle – Unladen Weight (Pounds)</b>	<b>Rear Axle – Gross Weight (Pounds)</b>
32-foot Propane Buses	14,500	19,000
33-foot CNG Buses	14,706	19,500
32-foot Low Floor CNG Buses	24,010	29,910
40-foot LNG Buses (New Fleet Class)	22,160	26,000
<b>Fleet Class for Future Purchase</b>		
40-foot Electric Buses (New Fleet Class)	19,960	25,250