

Livin' the Dream!

or Life on the Cutting Edge
Len Engel, Executive Director

ARB Transportation Symposium
February 8, 2015



Life as we know it



- ☀️ Two 40' WAVE Ready BYD 40' battery electric buses.
- ☀️ Construction began last month on the first WAVE 50kw inductive charger at Lancaster City Park.
- ☀️ Second soon (Note to self: low bid may not be the best approach).
- ☀️ Depot charging infrastructure project early summer.

to Infinity & Beyond!

Thank You, Governor Brown!

Transit & Intercity Rail Capital Grant

\$39.4M Project

\$24.4M from CalSTA • \$7.9M from FTA • \$7.1M AVTA

13 – 60' Battery Electric Articulated Buses

16 – 45' Battery Electric Commuter Coaches

11 – Primary 200+kw inductive chargers

34 – Secondary “receivers” (on the bus)



Now serving #60

- **A little background:**
 - November 2014 the Board Meeting to miss!
- **AVTA released an RFP for:**
 - 35 – 45' over-the-road battery electric commuter coaches.
 - 14 – 60' battery electric articulated buses (BRT project).
 - 36 – 40' battery electric transit buses.

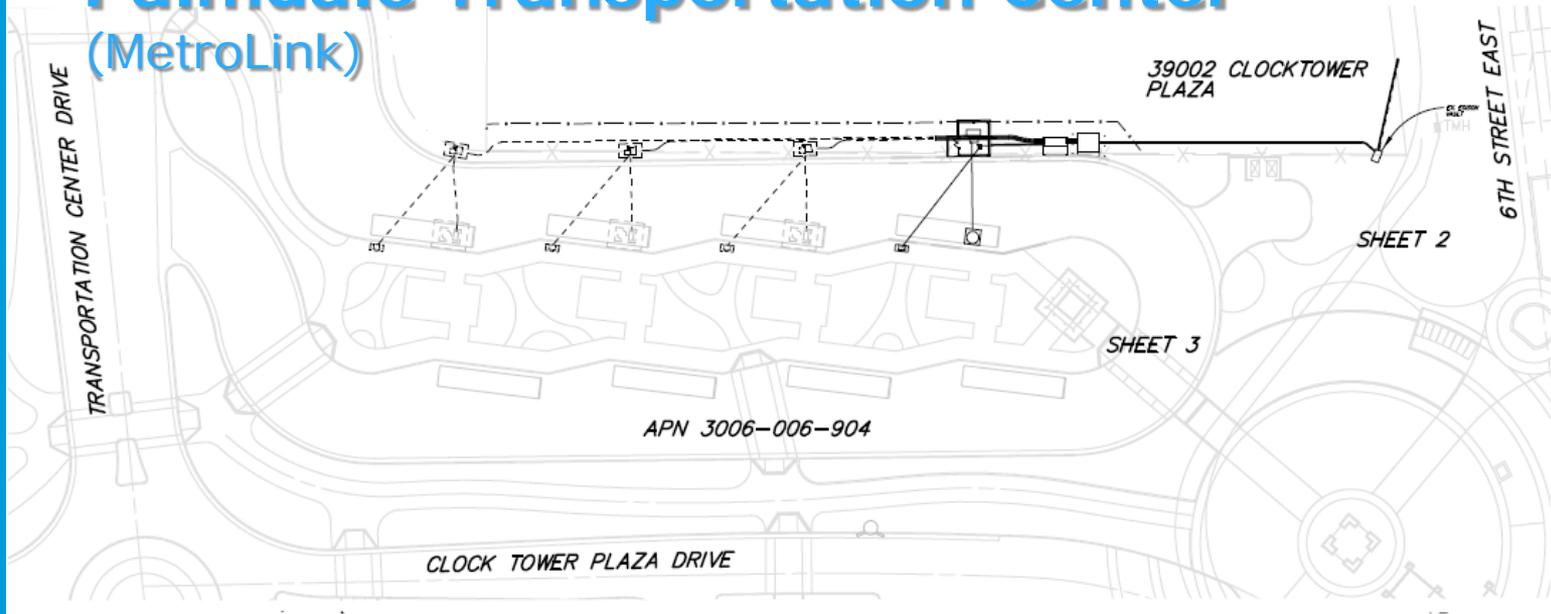


Energy:

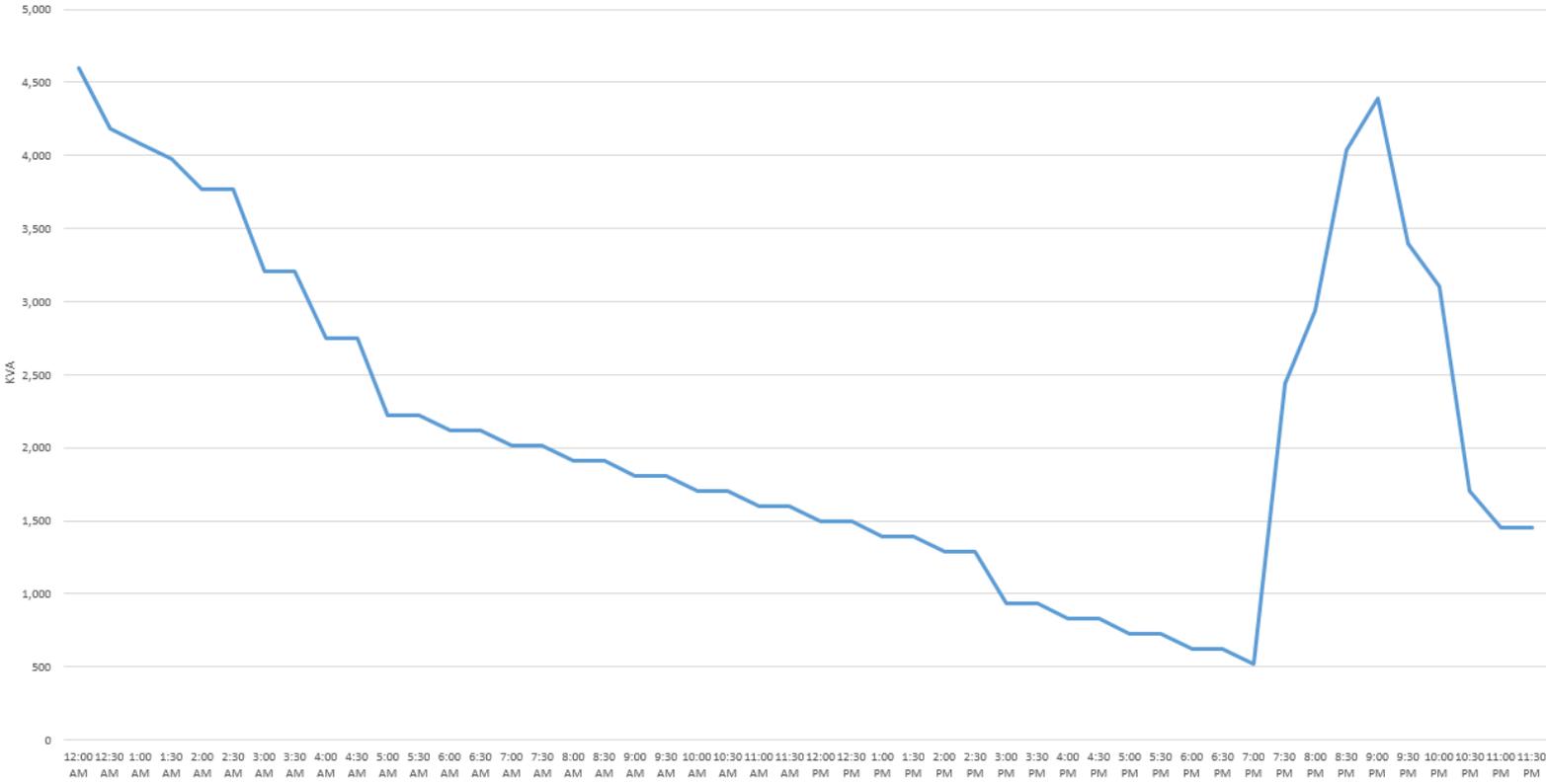
- Four inductive chargers at each of our transit centers
 - Lancaster City Park and Palmdale Transit Center.
 - AVTA will supply energy for the LCP chargers.
- Current plan calls for additional chargers near Lancaster Metrolink Station and southeastern Palmdale.
- Depot (at the barn for us older guys) charging.



Palmdale Transportation Center (MetroLink)



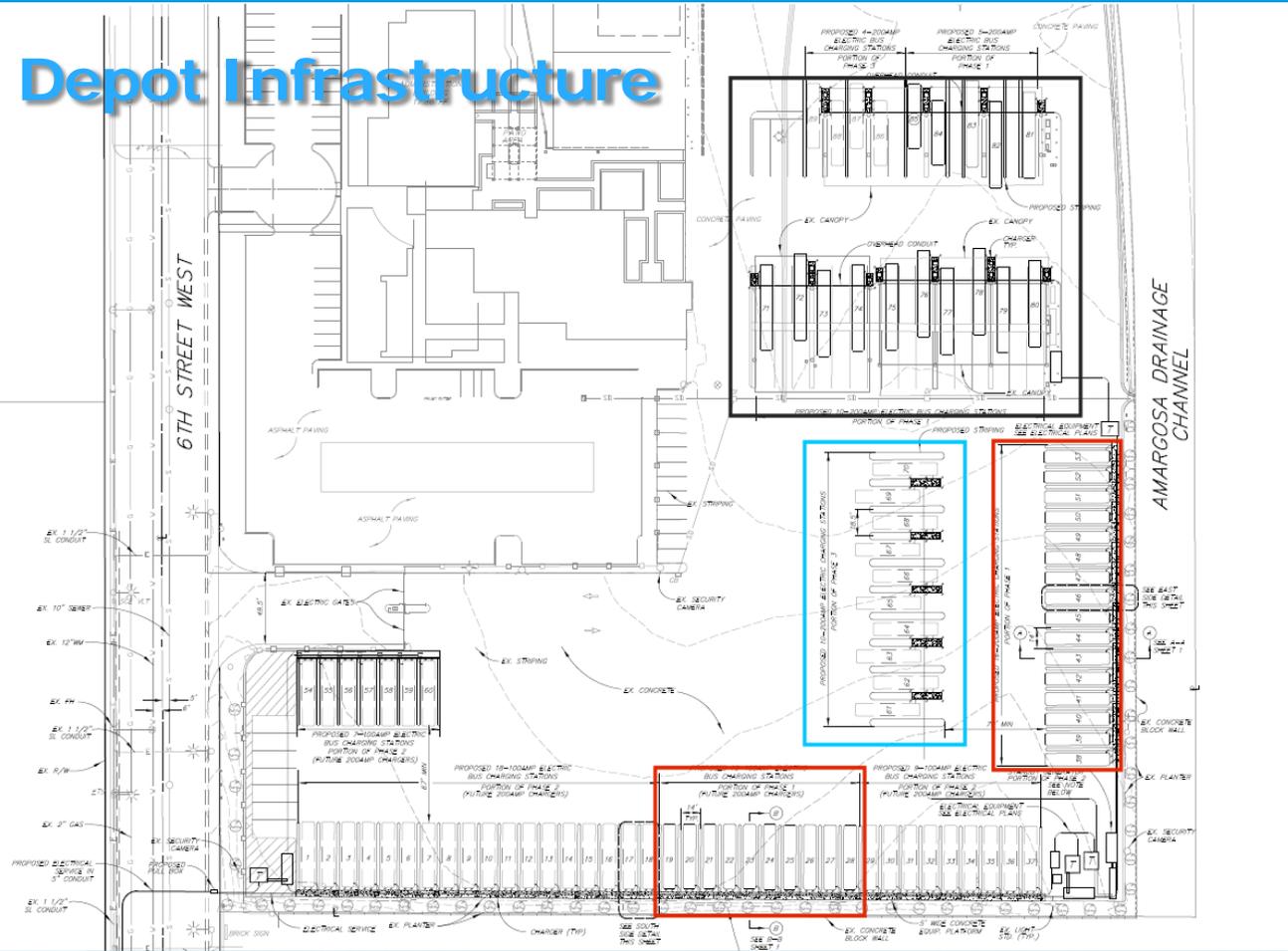
POWER DRAW



Axis Title



Depot Infrastructure





COME VISIT!

*We are the...
Antelope Valley Transit Authority!*

