Parking Management around BART Stations

City of Union City: Mark Evanoff, Presenter

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If a city provides free parking around transit hubs, the spaces will fill with commuters and local residents

Paid parking, with active parking enforcement, is the only way to change behavior

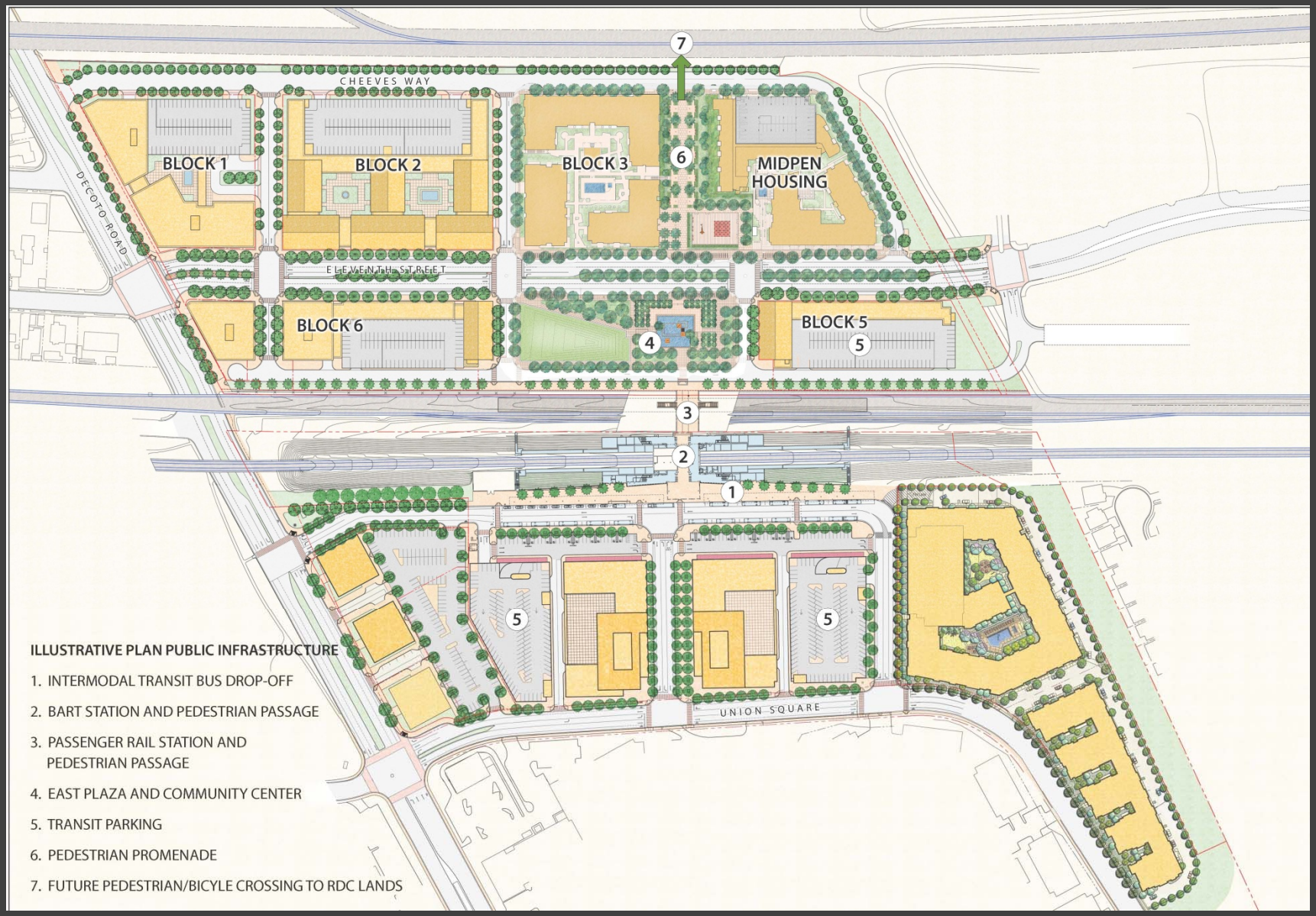
For TOD to succeed, a city needs to enter the parking business

Choose appropriate technology

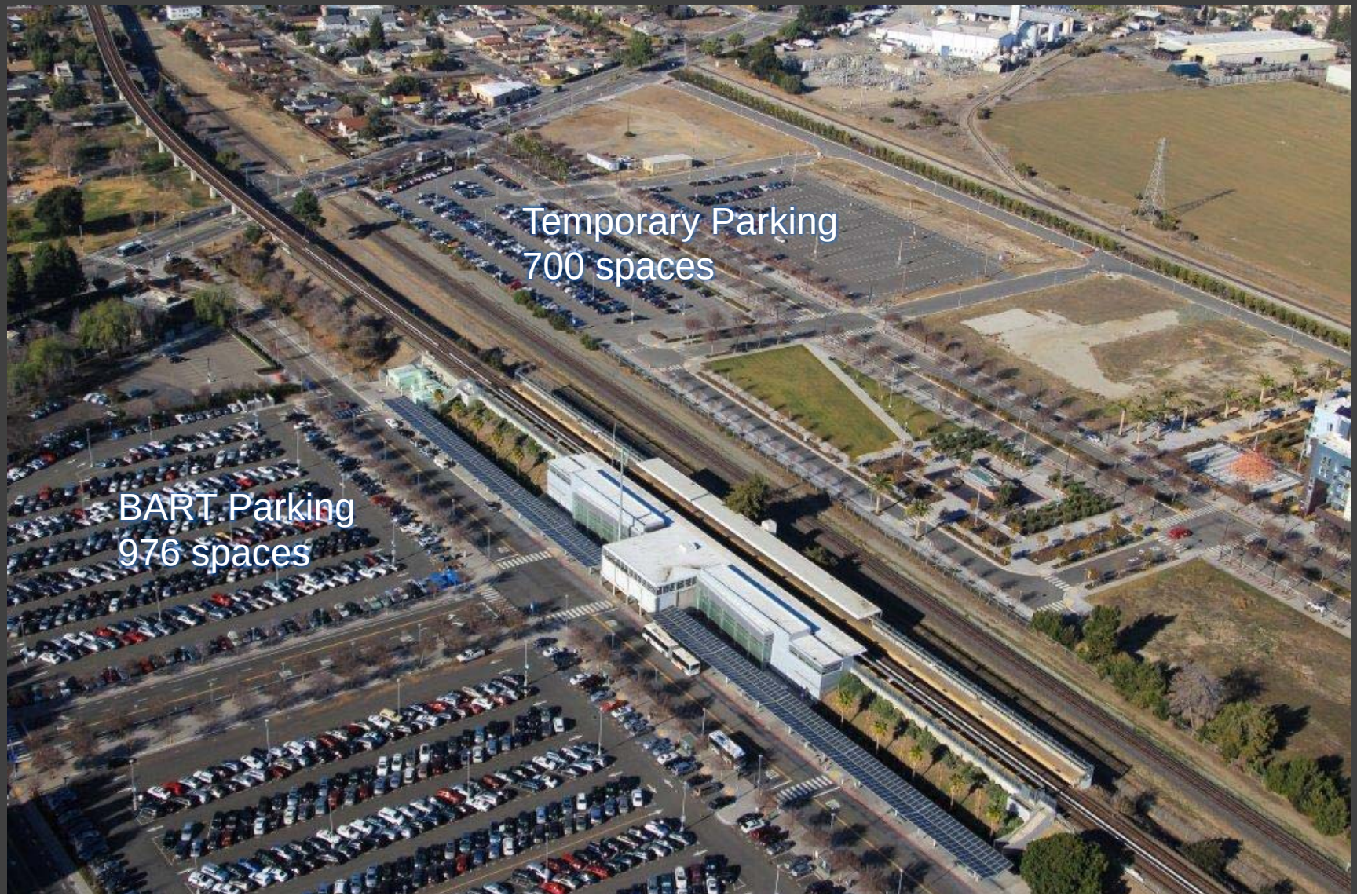
BART
PROPOSED BART EXTENSION
PROPOSED DUMBARTON SERVICE
CAPITOL CORRIDOR
ACE (ALTAMONT COMMUTER EXPRESS)
CALTRAIN
MAJOR HIGHWAYS
SUISUN/FAIRFIELD
Sacramento
Solano County
MARTINEZ
Contra Costa County
RICHMOND
UC BERKELEY
BERKELEY
Oakland
UC SAN FRANCISCO
San Francisco
OAK INTERNATIONAL AIRPORT
SAN FRANCISCO BAY
DUBLIN
HAYWARD
Central Valley
SFO INTERNATIONAL AIRPORT
UNION CITY
Redwood City
STANFORD UNIVERSITY
Silicon Valley
SJC INTERNATIONAL AIRPORT
San Jose

TOD Growth Opportunity/Future Parking Challenge

Union City Station District



Temporary Parking During Construction

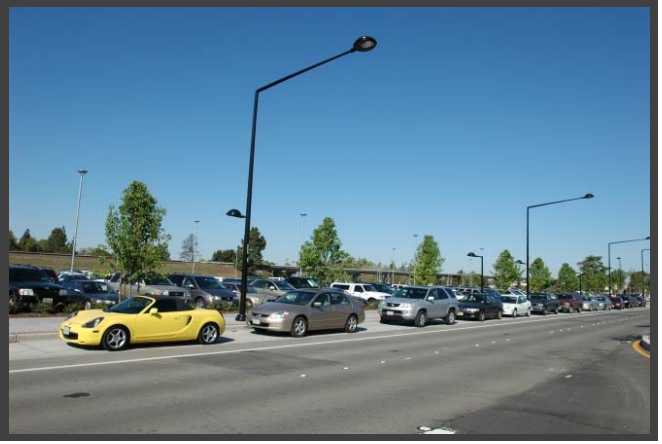


City Lots and Streets Fill Before Paid Parking 8:30 am

City Lot 1

Union Square

11th Street



Studying Paid Parking

Refining the Vision

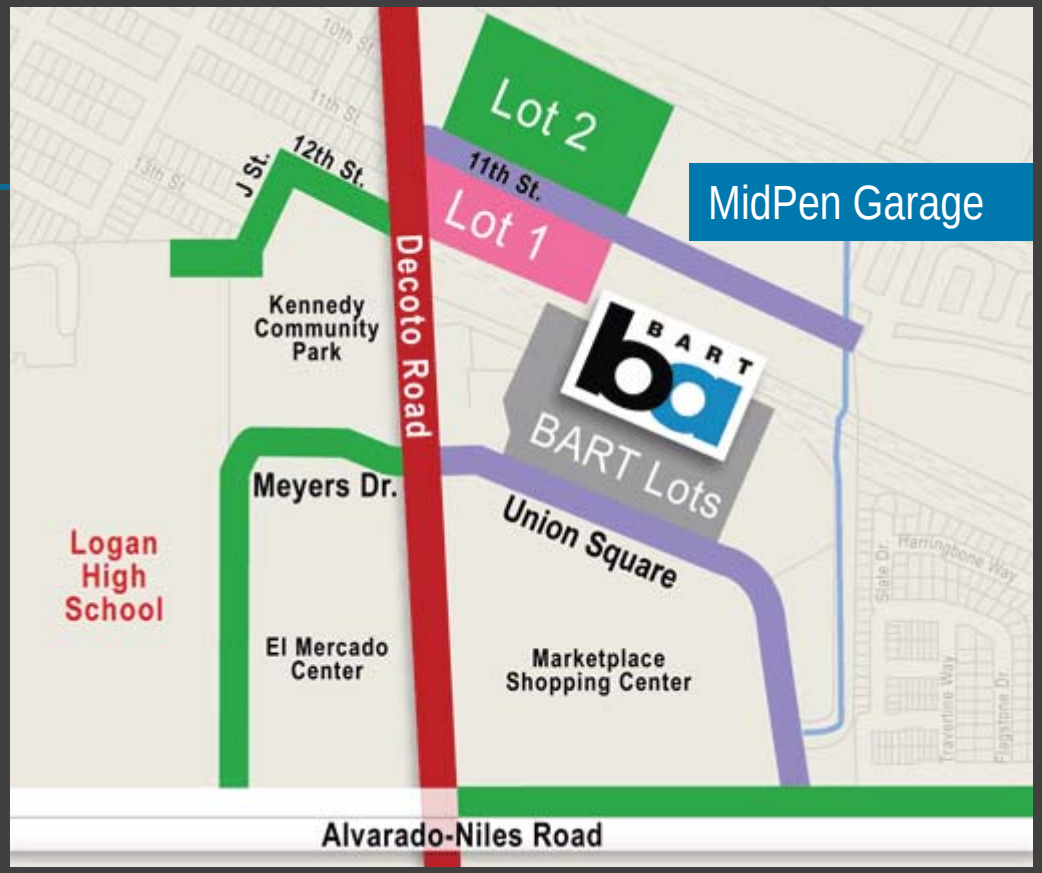
- Parking Principles
  - Incremental implementation
  - Reduce the core demand in the District over time
  - Shared parking
  - Plan for the "parking domain," about ½ mile around BART
  - Parking standards for the future (one stall per unit)
  - Fair share contributions

Parking Pricing to Redirect Parking

Union City Parking District

Parking Supply

- BART lot 976 stalls
- Temporary lots 700 stalls
- Parking garage 117 stalls
- Streets 359 stalls



Best for BART commuters	Ideal for neighborhood visitors	For the occasional BART user
Area S Permit	**Pay & Display**	**Pay by Space**
Where: Parking Lot 2, Meyers Dr., J st. and Lot. 12th St. Alvarado - Niles Rd. (Northbound).	**Where:** Union Square, 11th St	**Where:** Parking Lot 1
Hours: Monday - Friday 8AM - 6PM	▸ Enter hours to park	▸ Enter space number
Cost: $120 per quarter	▸ Use credit/debit card or coin	▸ Enter hours to park
Buy online: www.ucparking.org	▸ Take receipt	▸ Use credit/debit card or coin
(510) 477-1780	▸ Return to car and diplay receipt on dashboard	▸ Keep receipt, no need to return to car
	Cost: $0.50 per hour	**Cost:** $0.50 per hour • $3 max.
	Hours Mon - Sat , 8 am - 8 pm	**Hours** Mon - Fri, 8 am - 6 pm

Two hours limited FREE parking is also available on Meyers Drive, 12th Street, J Street Parking Lot and Alvarado-Niles Road.

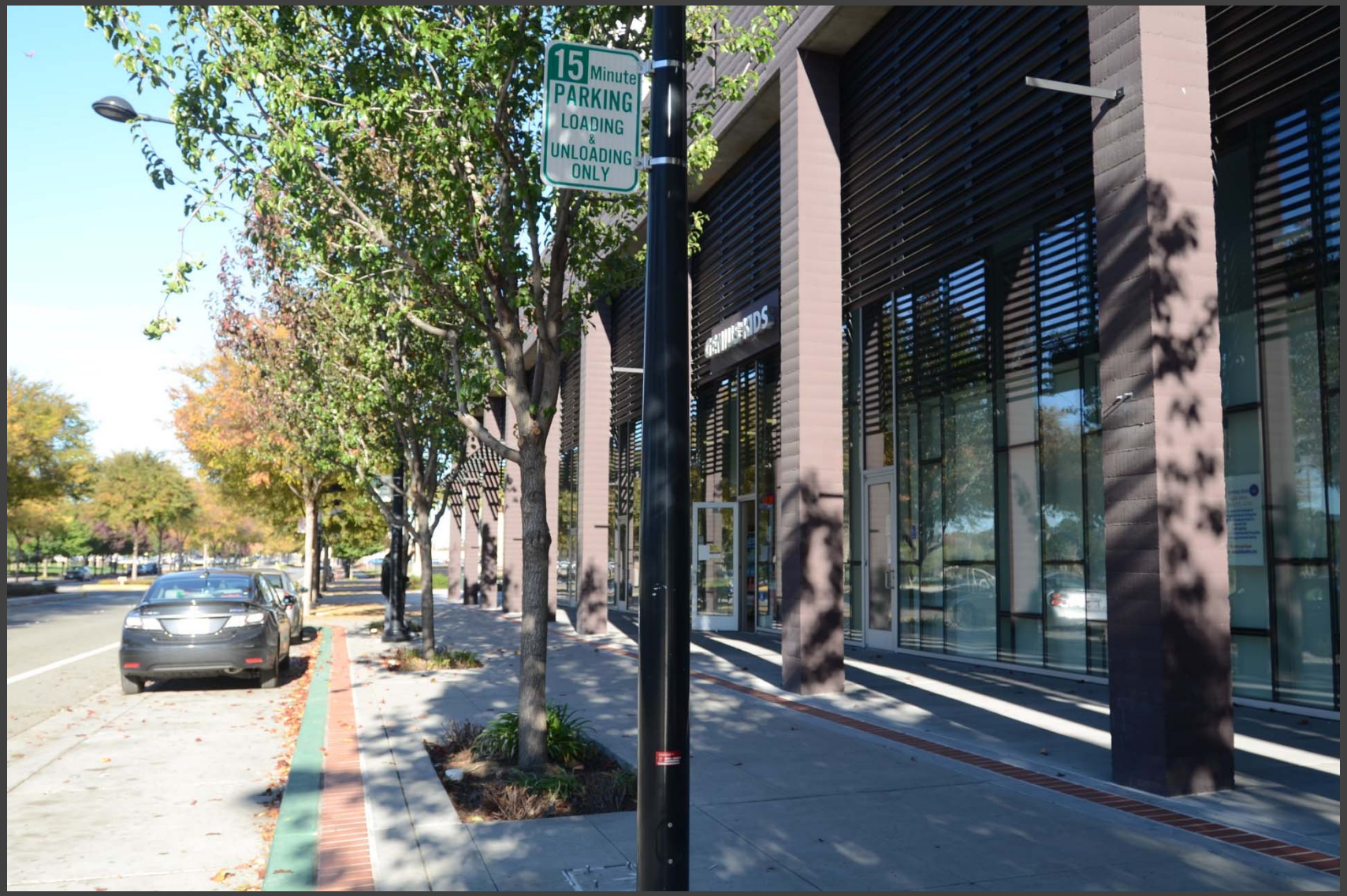
Parking Lots -- BART Commuters
Install multiple parking stations hard wired

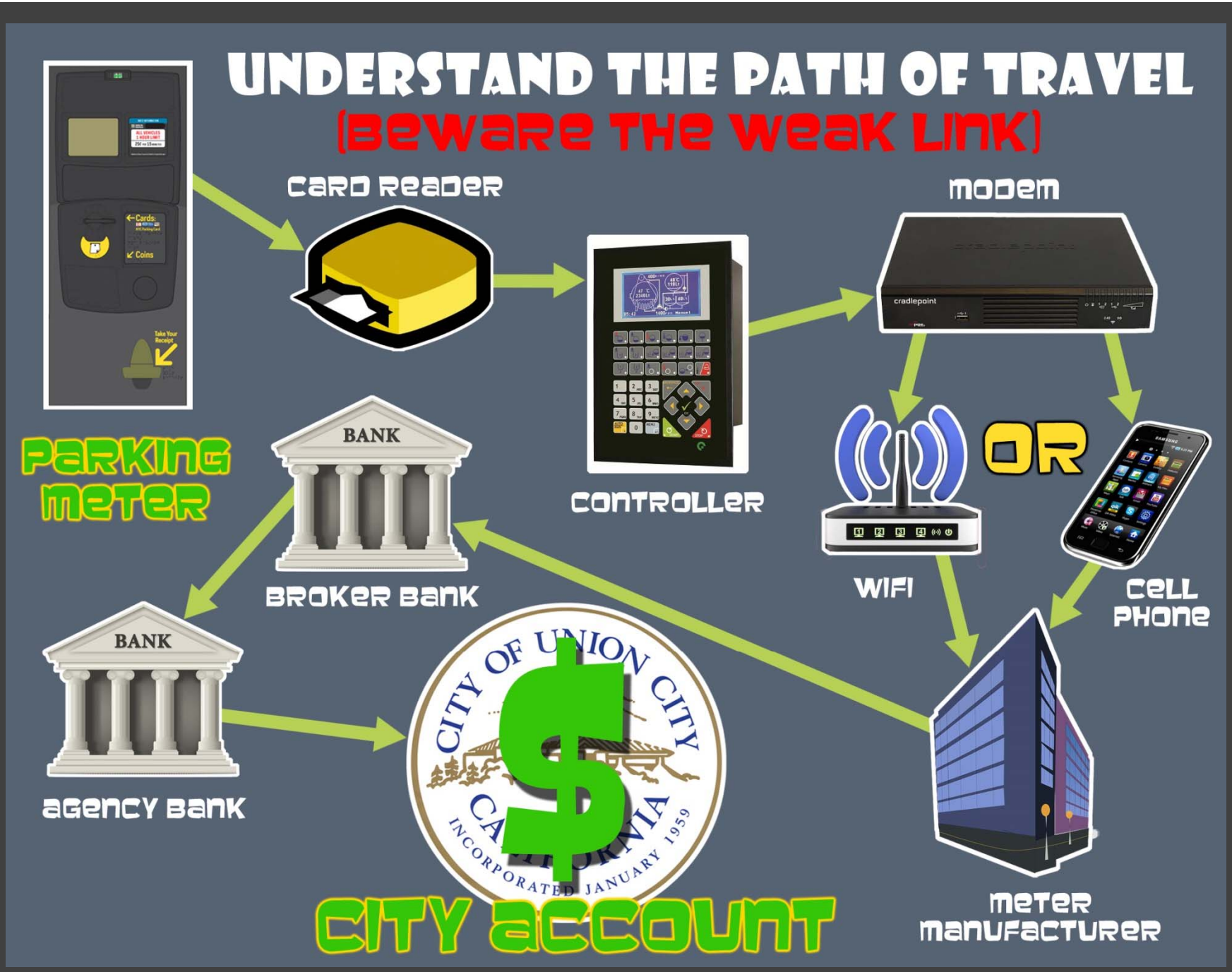
On-Street Parking Stations – Short Term Visitors

Area S Parking Permits Outlying Areas

- Contract Vendor
- Web based payment
- Customer Service

Loading Zone in Front of Retail




UNDERSTAND THE PATH OF TRAVEL
(BEWARE THE WEAK LINK)
CARD READER
MODEM
cradlepoint
PARKING METER
BANK
BROKER BANK
CONTROLLER
OR
WIFI
CELL PHONE
BANK
AGENCY BANK
CITY OF UNION CITY
CALIFORNIA
INCORPORATED JANUARY 1959
$
CITY ACCOUNT
METER MANUFACTURER

City Department Coordination

- Coordinate with all departments that implement parking
- Jointly select technology to implement policy goal
- Equipment must be vertically compatible: parking station payment, Wi-Fi, parking station payments to city, citation devices, citation processing
- When selecting technology, ask detailed questions of communities that purchased the equipment

Questions to Ask

- Customer ease of operation
- Transaction time – 60 seconds ***not*** acceptable
- Connection to WiFi – not all brands connect well
- Frequency of programming/technical adjustments
- Technical support – ability to dispatch technician, not just phone support
- Component durability: printers, coin acceptors, credit card readers, controller, locks

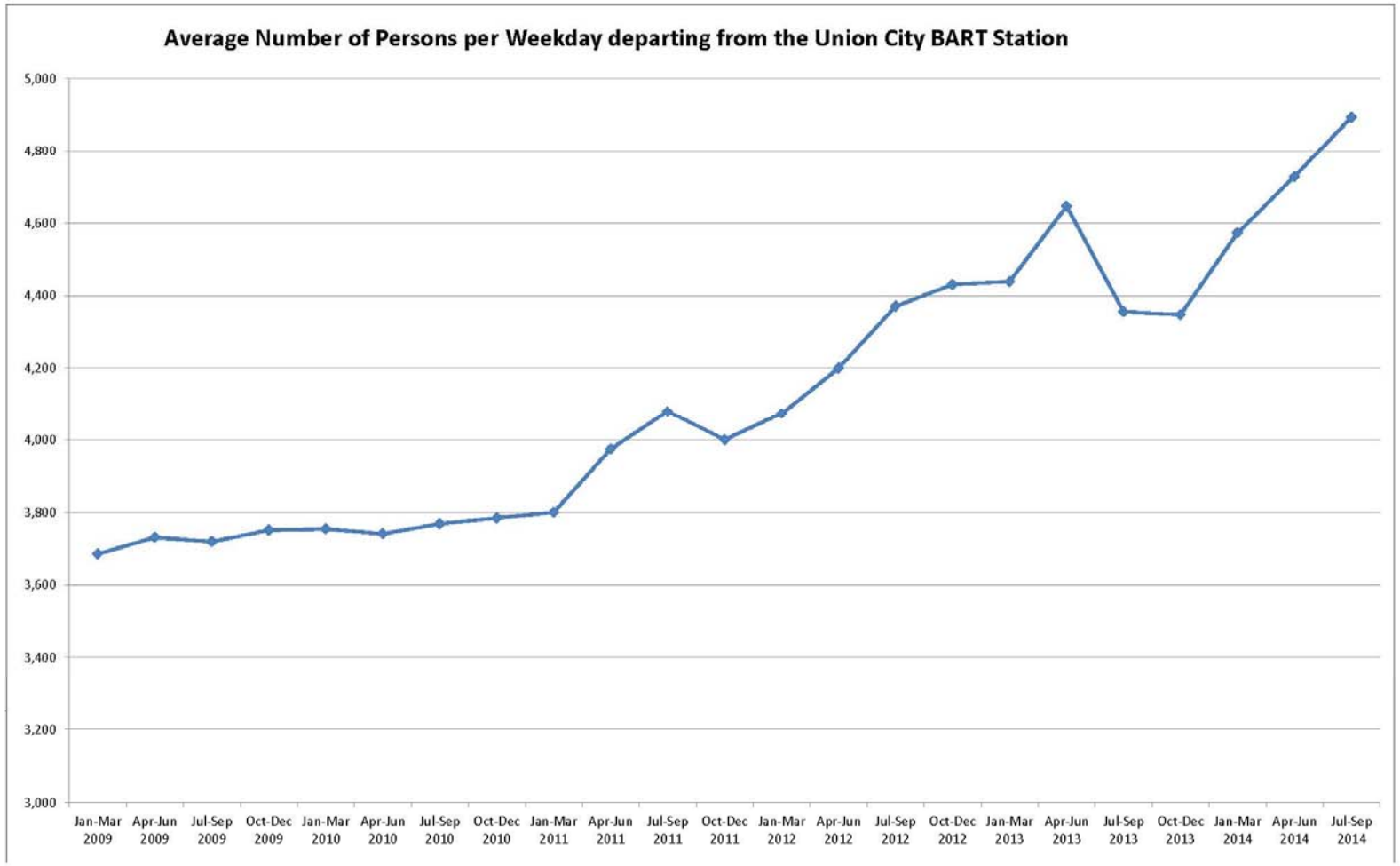
Parking Station Vendor Selection

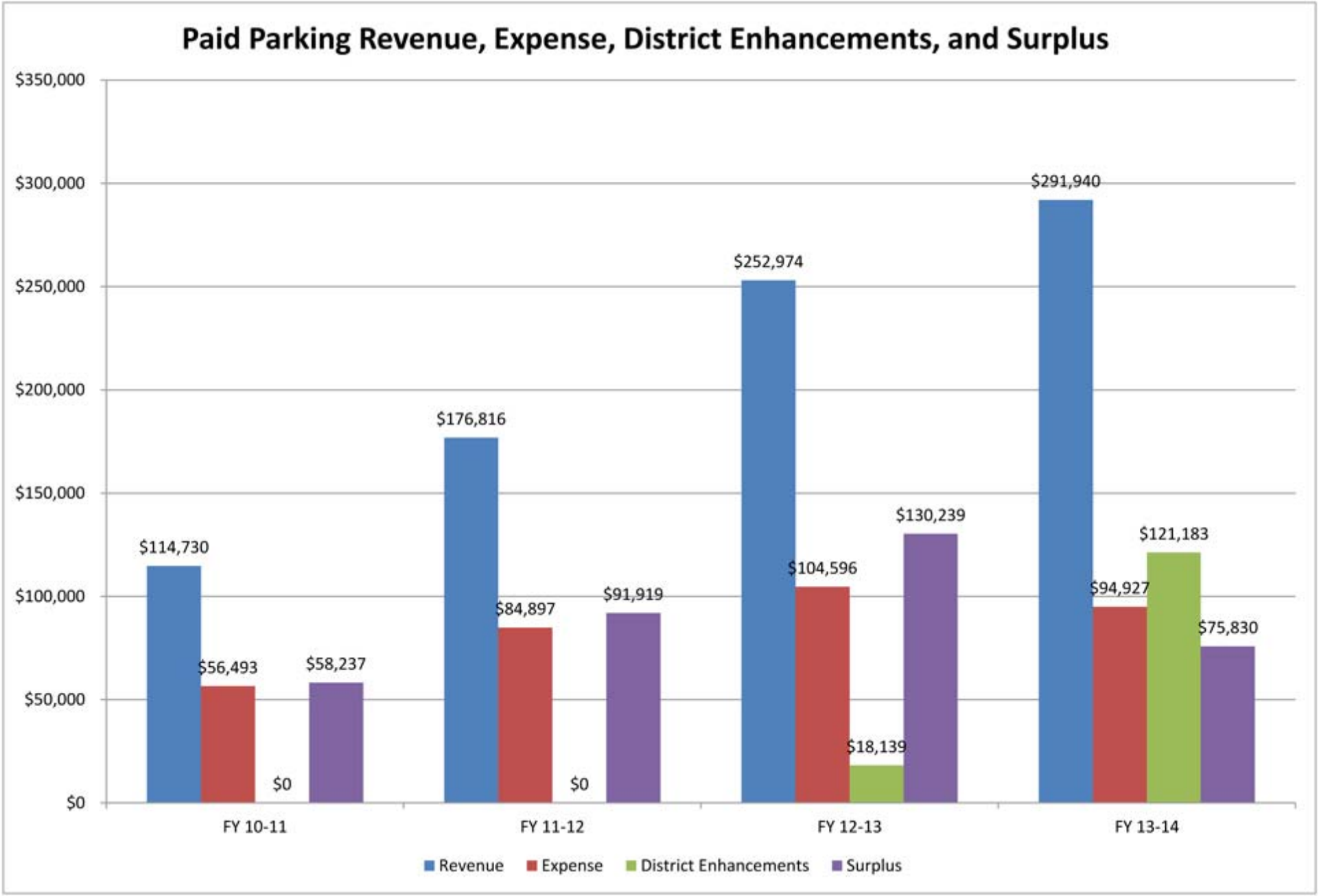
- Purchase meters from manufacturer, not operator
  - Manufacturer sells meters to operator at wholesale
  - Parking operator sells to city at retail
  - Negotiate with manufacturer to purchase wholesale
  - Manufacturer will sell parts to city at discount
  - Parking operator may lack IT skills

Parking Station Realities

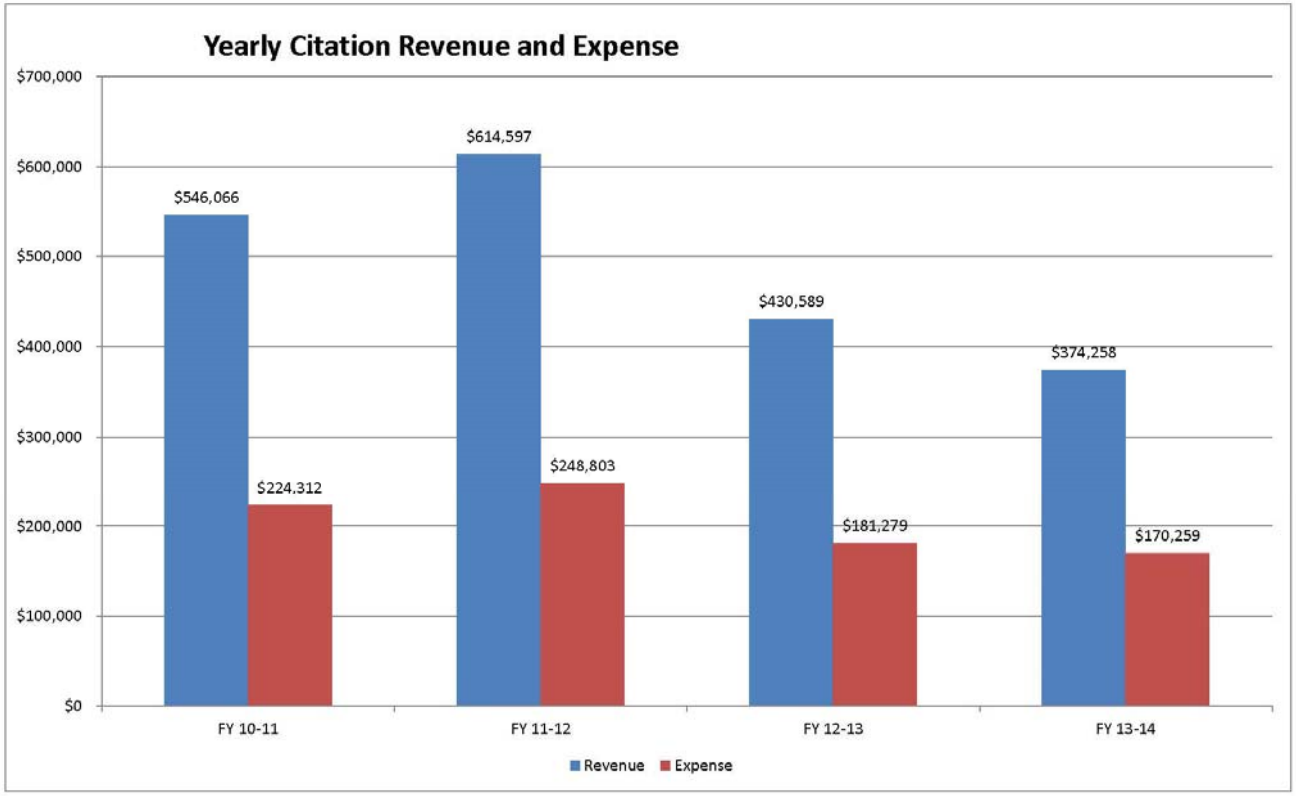
- Solar meters don't work on tree lined streets
- Purchase extra batteries, recharge
- Electrical feed for parking lots
- Install extra meters parking lots
- On-street parking stations may not be cost effective
- On-street stations accommodate seven cars
- Parking lot stations accommodate 70 cars

Union City BART Weekday Boardings




Paid Parking Revenue, Expense, District Enhancements, and Surplus
$350,000
$300,000
$250,000
$200,000
$150,000
$100,000
$50,000
$0
$114,730
$56,493
$0
$58,237
$176,816
$84,897
$0
$91,919
$252,974
$104,596
$18,139
$130,239
$291,940
$94,927
$121,183
$75,830
FY 10-11
FY 11-12
FY 12-13
FY 13-14
Revenue
Expense
District Enhancements
Surplus

Citation Revenues Expenses



UNION CITY STATION
BBQ? OMG!
STOP

Contact Information

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