L. A. Metro’s Parking Management Program Principles Applied

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What is Parking Management?

- Various policies and programs that result in more efficient use of parking resources
- Developing optimal parking management in a particular situation
- Essential component of a transportation system
Parking: Ease of Transit Network

Accessibility

Los Angeles County Metro System

Rail
- 79.1 miles of existing rail lines
- 350,000 Average Weekday Boardings

Bus - Orange Line BRT included
- 183 routes
- 1,433 sq mi service area
- 1.1 mil Average Weekday Boardings

Combined Bus & Rail Ridership
Parking Management Principles Applied

• Guiding planning principles
  - Customer Choice
  - User Information
  - Sharing
  - Efficient Utilization
  - Flexibility
  - Prioritization
  - Pricing
  - Peak Demand Management
  - Quality vs. Quantity
  - Comprehensive and Ongoing Analysis
Bikeway Planning and Parking Considerations

Metro funds bicycle routes in Los Angeles County

- Bike Routes 520 miles
- Bike Lanes 481 miles
- Bike Paths 251 miles
- Bike Lockers 526
- Bike Racks All Locations
In Terms of Parking Inventory

- Metro has developed or funded 60,000+ park and ride spaces in Los Angeles County
- Operates approximately 20,000 parking spaces near transit facilities
- ...and growing...Inventory Increasing in 2011-2013
Metro Parking Management

- 43 Stations with parking amenities
- Over 16,000 free parking spaces
- Reserved Paid Parking Program (R3P) at 8 Metro stations w/ 431 R3P spaces
- 3,000 paid parking spaces at Union Station
- Shared Parking
  (Lake Ave, Fillmore, Mission, Del Mar Stations)

MORE TO COME...
Parking Challenges

- Parking demand approaching or exceeding capacity at many key transit stations

- Designing Mobility and Accessibility improvements for existing stations & for future station locations for all modes

- Improving information for users to access transit stations & parking

- Using existing parking resources more efficiently
Parking Management Strategies

- Reduced development costs
- More compact, multi-modal community planning
- Encourage use of alternative modes
- Improved user options
- Improved Design flexibility
- Ability to accommodate new uses
- Environmental and Aesthetic benefits

Parking Management: The Best Solution to Parking Problems
Increasing Options…Increasing Efficiency

- Increase /Decrease Parking Supply
  - Off-street
    - Expand shared parking program
    - Install mechanical systems
    - Buy or lease land to build more parking
    - Integrate transit parking in joint development projects
  - On-Street
    - Explore opportunities for lifting parking
Metro L.A. Plans for the Future

Parking Task Force

- Ethics
- Planning - County Wide
- Bicycle Station Design & Parking
- Joint Development
- Operations
- Engineering
- Maintenance
- Safety / Enforcement
- Marketing & Design

GOAL:

Parking Management Program Development, Implementation & Enforcement
Parking Enhancements

- Enhance parking and access information for users
  - Website, signage, brochures, maps... Concise, Consistent, & Capturing

- Station parking availability
- Alternative off-site parking locations
- Coordinated way-finding system

NEW IDEAS?
Improving Efficiency…

- Improve efficiency of existing parking resources
  - Install innovative parking technology
    - Device to count cars and monitor demand
    - Electronic signage/parking space availability
    - Web and wireless real time parking information
  - Increase parking enforcement
  - License Plate Recognition - LPR
Safety & Enforcement

- Los Angeles Metro Protective Services
  - Transit Security
  - L. A. County Sheriffs
  - California Highway Patrol

Citation at Stations Owned By Others (Caltrans)

Common Citation Issued include but are not limited to...

- 15.20.070: Failure to obey signs/markings
- 22507.8 (a): *CVC - No parking without handicapped placard
- 22514: *CVC - Fire Hydrant - No parking on crosshatch

*California Vehicle Code - CVC
Technology Implementation

- License Plate Recognition
  Safety / Enforcement
- Notifying law enforcement of vehicles on the Terrorist Early Warning Group's Watch List as well as any noteworthy vehicles, as designated by any government entity
Metro’s License Plate Recognition

- Decrease the threat of terrorism within the entire regional public transportation system.

- Enhance law enforcements response giving immediate notification when a vehicle on the terrorist watch list enters a monitored parking lot or structure.

- Establish criteria unique to a single parking lot or structure or for multi location specific parking pattern behaviors and alert the security monitoring center when a pattern is broken or unusual parking habits are detected.
Parking Management Benefits for All

- Supports transit
- Facility Cost Savings
- Improved quality of service
- More flexible facilities locations and designs
- Revenue generation
- Reduces land consumption
- Supports mobility management
- Supports Smart Growth
- Improved walkability
- Reduced storm water management costs
- Supports equity objectives
- More livable communities
Thank You for Your Participation!

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