Downtown Baton Rouge Parking Strategy

AECOM Study

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City of Baton Rouge Downtown Parking Update December 2014



Submitted to: Downtown Development District

"Increase effective supply of on street parking through strategic pricing and enforcement"

- 5753 off street spaces, average utilization is 58%
- Public access to only 2887, of which over 1,000 is at the Belle of Baton Rouge
- East and West River Center Garage is important strategic facility. With 1350 spaces.

On Street parking

- 970 spaces downtown, about 540 metered. Utilization is high, at 89%
- Meter revenue:
 - 2014 \$251,000
 2015 \$164,000
- (drop in revenue due to lack of enforcement and other causes)
- If all meter revenue were collected theoretical revenue is \$550,000





River Center Garages (1350 Spaces)



- 55% utilization
- 2014 income \$715,000
- 2014 expenses \$737,000
- 2013 expenses \$1,079,000 (due to major repair)
- Self-sustaining Revenues
- 24/7 operations
- Universal price \$/hr
 across downtown

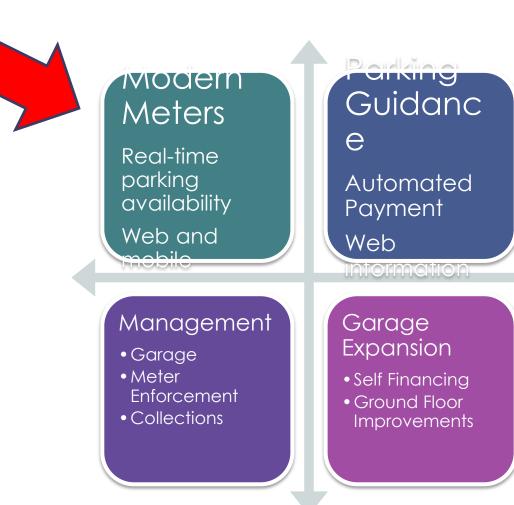


Downtown Parking Goals

- Modernize and make downtown parking more effective
- Improve access to parking by visitors and employees
- Improve customer service by using modern technology
- Self fund all improvements through better revenue generation and collection
- Change parking from a revenue negative to a revenue positive



4 Part Strategy





Modern Meters



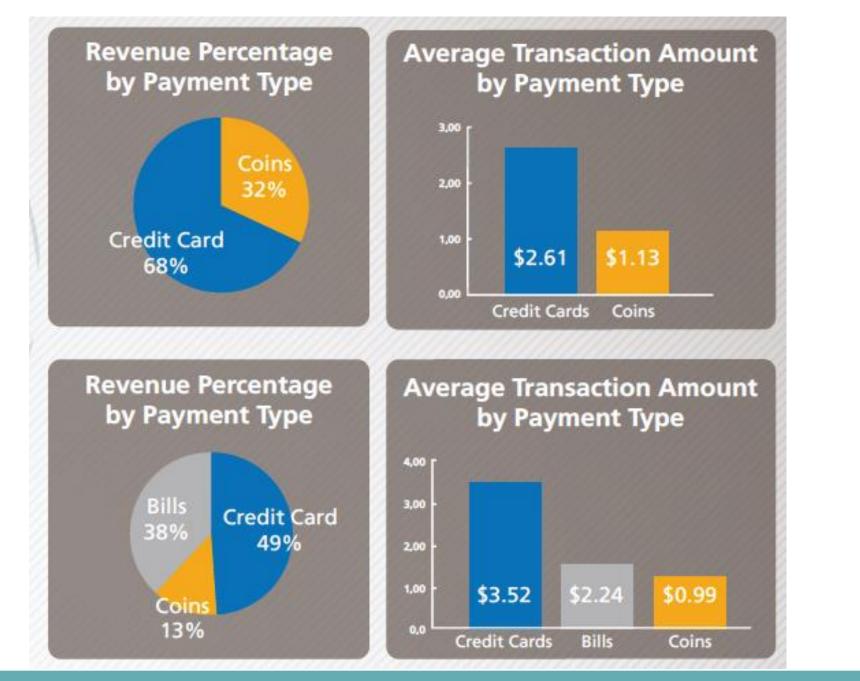




 Solar powered multi-space parking meters that replace coin only single head parking meters

 Our multi-space meters accept credit cards, coins, bills, and can even accept payments via cell phones

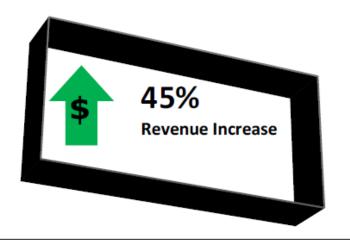
 A powerful parking management tool to track revenues, manage maintenance and collections activity, and analyze parking occupancy/turnover





Austin TX Example

Austin, TX - By The Numbers



Percentage of Revenue by Payment Type

System Maintenance

System Uptime 99.8%



Service Calls Decreased by 85%

Component Failure Rate
Under 1.5%



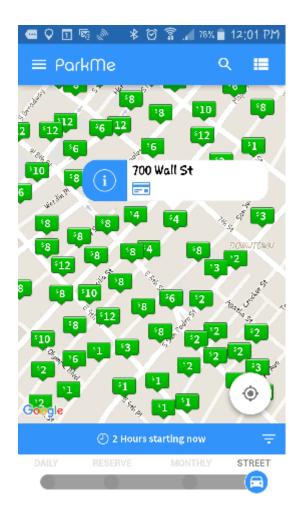
Smart Parking



- Review of state of practice in "smart meter" technology
- Cost estimates for meters
- Online database of realtime on-street parking availability



Parking Apps









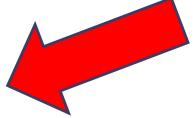
Mobile phone payment





4 Part Strategy





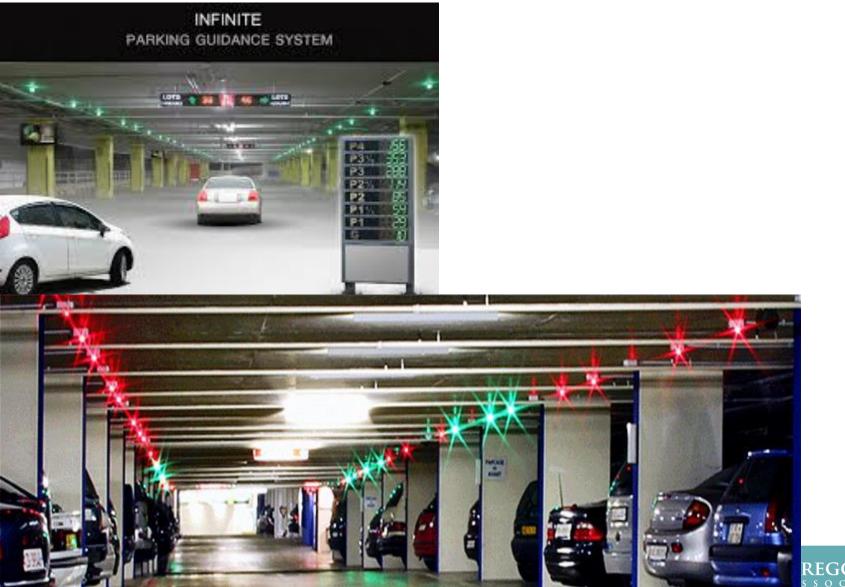


Parking Guidance



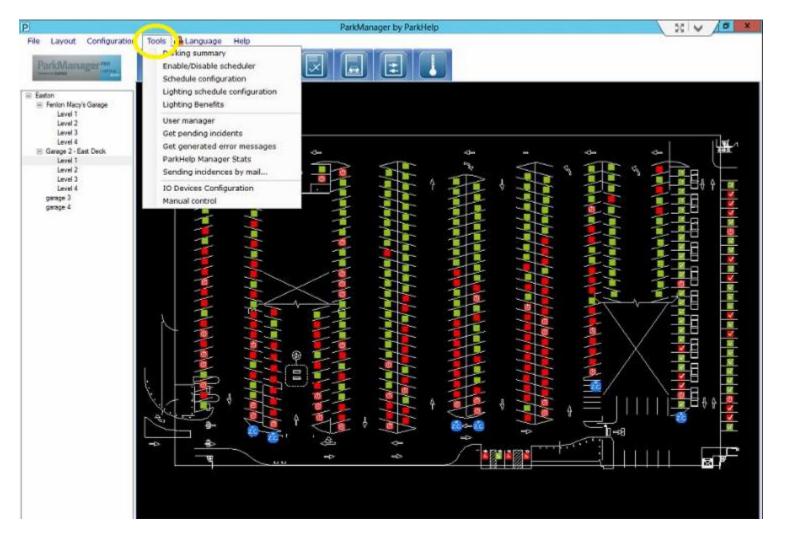


Parking guidance



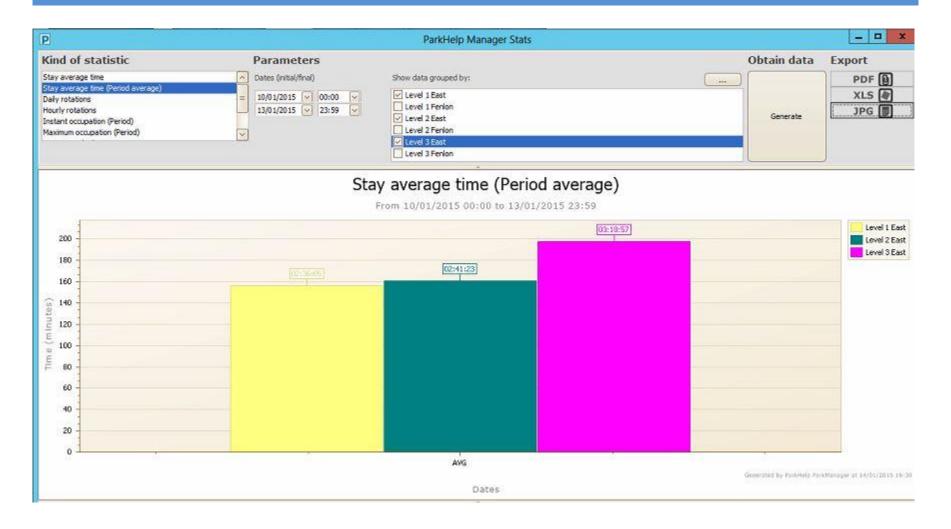
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Online Management Tools



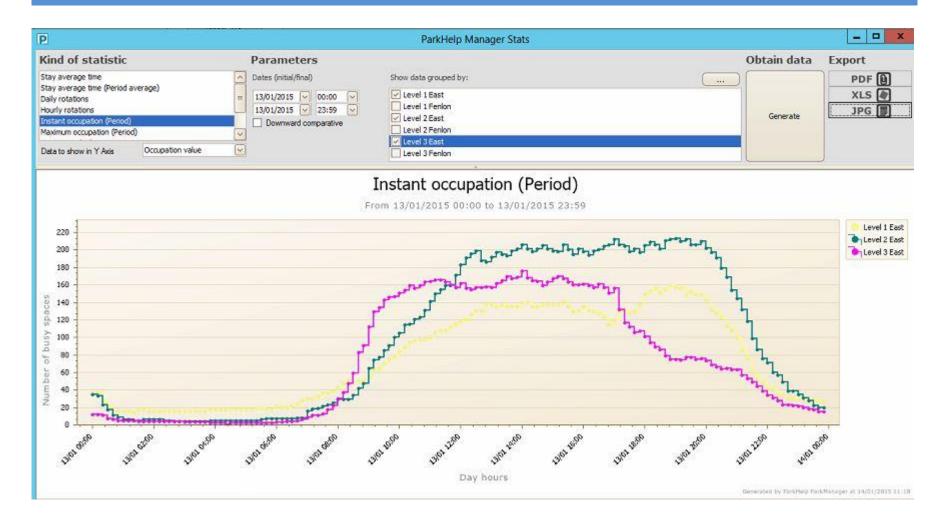
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2. Average stay time (per period) Per floor: Average of the selected period total per floor

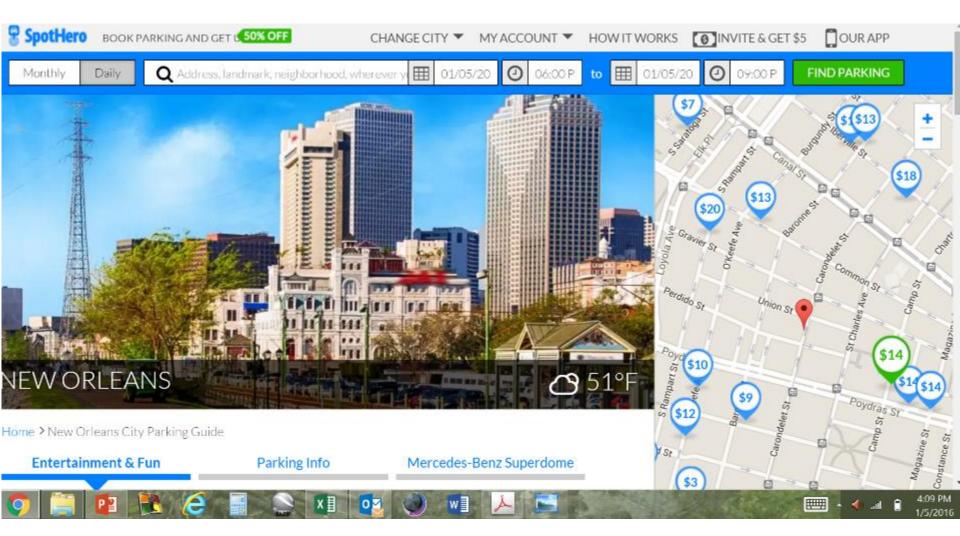




5. Instant occupation Per floor: Number of occupied space show per hour



Book a space online





Parking Lighting_ LED Smart lighting

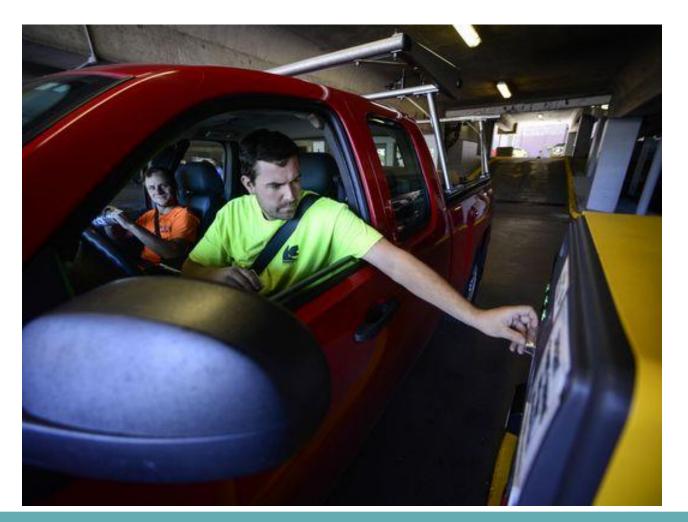


before

after



Automated Revenue Collection Station





Finances

- Current revenue from both garages is
 \$715,000 (2014)
- Hourly, event, and monthly rates are below market.
- Potential is there for the improvements to have a very short payback time
- Use opportunity to normalize rates across all public garages downtown

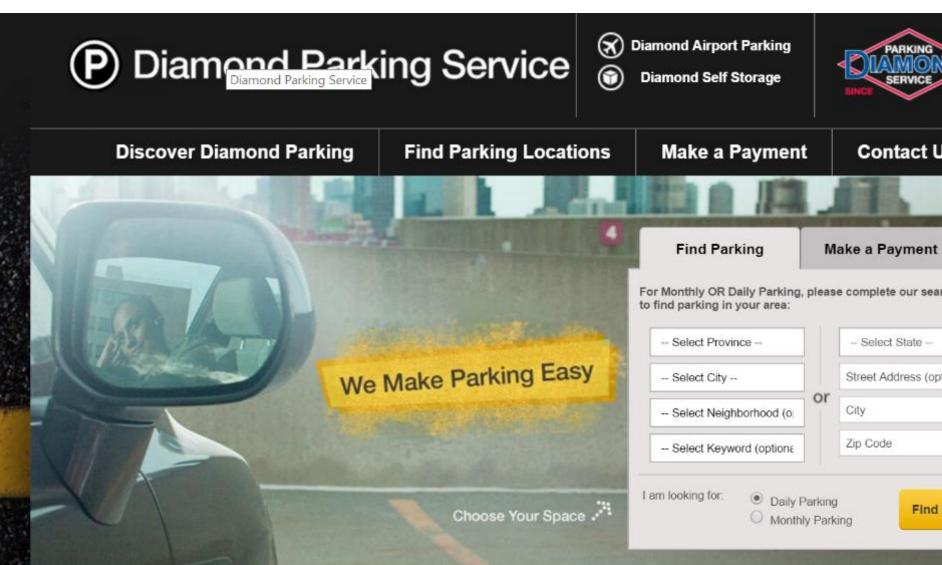


4 Part Strategy





Professional enforcement and management - Garage



Professional enforcement and management – On Street



Privatization can save money and increase enforcement Free up police resources for more important responsibilities





Downtown Parking Marketing



LOTS & GARAGES

With 7 parking garages/lots available throughout the city you can feel confident knowing we have the parking space you need. Locate the facility that is closest to your destination.

ON-STREET PARKING

There over of 946 metered parking spaces located throughout the city of Lancaster. The meters have a 2 hour limit from 8:00 AM to 6:00 PM Monday through Saturday.

PAY PARKING ONLINE

Pay your monthly lease, remittance slip or invoice online.

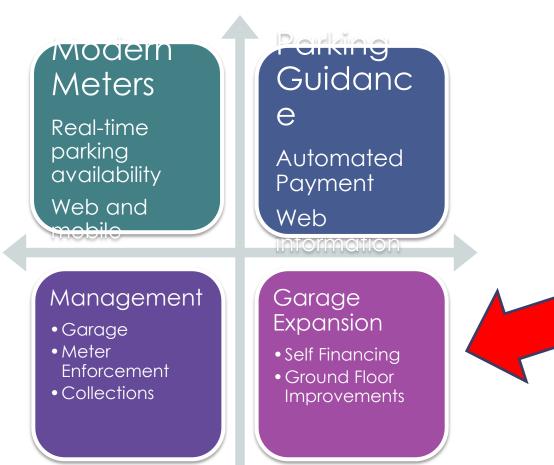


ALERTS

Snow & Related Weather Emergency.

REGONESE

4 Part Strategy





Garage Expansion



- Cost estimates for the expansion of the River Center East Garage (including retail wrapper).
- Funding plan for garage renovation and expansion
- Self Fund 800 space addition



East Garage Expansion

Feasibility Study

- Potential Site related items
- Retail
- On-Street Parking
- Revenue
- Enforcement



WALTER P MOORE

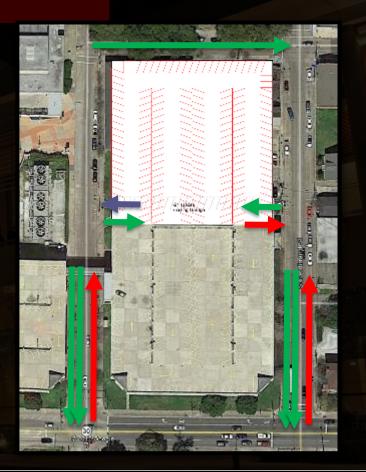


East Garage Expansion

POSSIBLE COSTS

- 800 spaces (Approx.) net addition on 5 levels
- Additional Parking Equipment or equipment lanes may be required to handle the increased traffic load
- Depending on additions to garage, cost per space can range from \$12,000-\$15,000
- This expansion could cost between \$9,000,000 and \$12,000,000

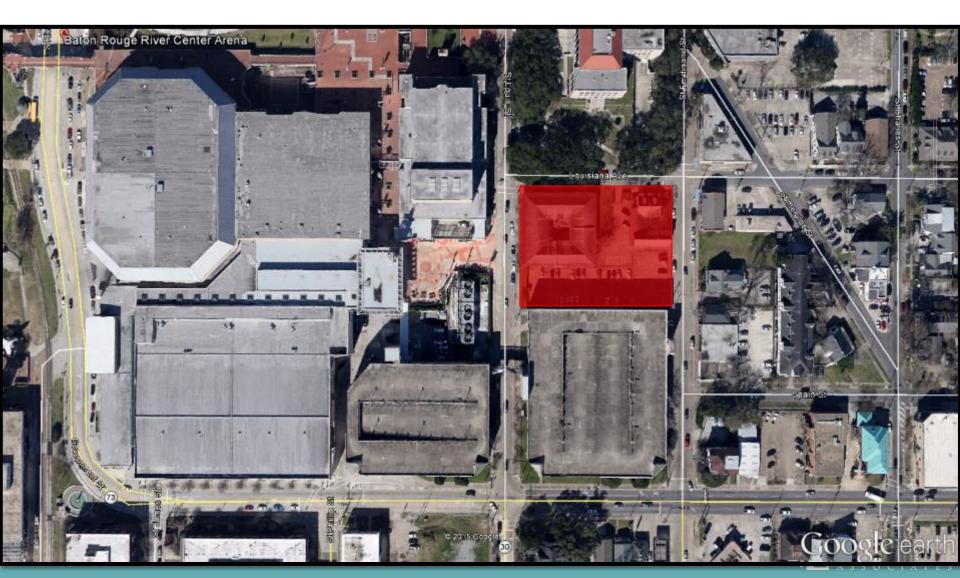
Note: Costs above assume Flat Floor expansion using same ramping system as existing garage. Costs may increase if existing ramping capacity is not adequate for expansion



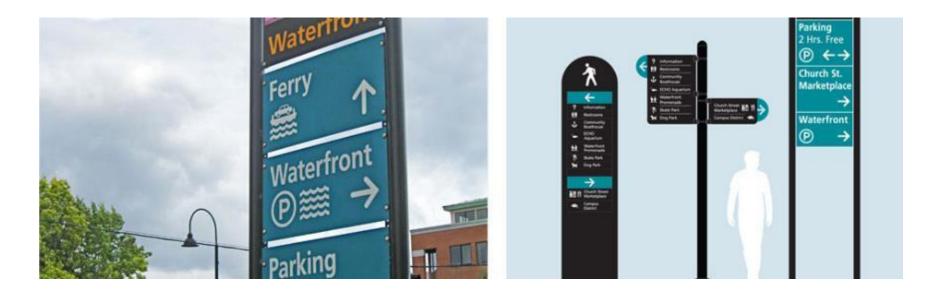
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Potential for TramLinkBR Stops



Wayfinding



- Build on existing wayfinding downtown
- Incorporate parking, transit (Streetcar), and local destinations
- Review of best practices in downtown wayfinding



Next Steps and Decisions

- Due Diligence on all 4 phases
- Meter Selection and Installation
- Management and Enforcement Contract RFP
- Parking Guidance Selection and Installation
- Parking Garage Expansion Feasibility Study and Cost Estimate
- Finance Plan for all the above



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