

## ATTACHMENT A



### MIAMI BEACH PILOT PROGRAM TERM SHEET

Comprehensive License Plate Recognition (LPR) Parking Enforcement System with Violation Detection, DMV Lookup, Citation Mailing and Reporting

#### Introduction

This proposal outlines a comprehensive License Plate Recognition (LPR) parking enforcement system designed to streamline parking enforcement, increase violation detection, increase payment compliance for parking sessions and citations, and better allocate staff resources to areas that require manual enforcement (i.e. residential zones, freight-loading zones, etc.).

#### System Components

- LPR Cameras: At PAVE's sole cost and expense, high-resolution cameras will be strategically installed at parking lot entrances and exits to capture license plates.
- Violation Detection Software: PAVE's advanced software will automatically read and recognize license plates, cross-check them against all payment platforms and credentialed parkers to identify potential violations such as:
  - Non-payment
  - Overstaying parking time limits
  - Expired or invalid parking permits
- DMV Lookup: PAVE's system integrates with third parties and/or directly to Department Motor Vehicles (DMV) to obtain real-time vehicle ownership information, ensuring accurate citations are issued in the event of a violation is detected.
- Parking Citation Issuance and Reporting
  - Upon detecting a violation, PAVE's system will automatically generate a parking citation with all necessary details, including:
    - License plate number
    - Vehicle description
    - Date and time of violation with photos of vehicles' entries/exits
    - Location of violation
    - Type of violation/statute violated
    - Citation amount
  - PAVE will perform DMV lookup and mail citation.
  - PAVE's system will integrate with Miami-Dade County Clerk of Court to push the citation into the Clerk's system where it can be paid or disputed/adjudicated within the Clerk's existing citation processing system.



- Robust Reporting and Business Intelligence System:
  - PAVE will provide comprehensive reports and analytics to gain valuable insights into parking activity, violation trends, and revenue collection.
  - Reports can be customized and generated on various metrics such as:
    - Number of vehicles parked versus number of citations issued by location and violation type
    - Revenue collected from transient payments as well as citation revenue
    - Parking space utilization rates
  - These insights can be used to optimize parking operations, identify areas for improvement, and make data-driven decisions for enhanced enforcement strategies.

#### Implementation and Training

PAVE will handle the entire implementation process, including:

- Site survey and camera installation
- System configuration and integration with DMV database
- User training for Parking Department staff on the system operation

#### Costs (assumes only 4 parking lots)

<b><u>Option 1</u></b> <b>12 Month Pilot</b>	<b><u>Option 2</u></b> <b>24 Month Pilot</b>	<b><u>Option 3</u></b> <b>36 Month Pilot</b>
Owner ID & Mailing per citation - \$1.85	Owner ID & Mailing per citation - \$1.85	Owner ID & Mailing per citation - \$1.85
Total Per Paid Citation - \$8.20	Total Per Paid Citation - \$6.35	Total Per Paid Citation - \$5.73

#### Benefits of PAVE's LPR System

- Increased Efficiency: Automates the citation issuance process, freeing up staff time for other tasks.
- Improved Accuracy: Reduces human error in license plate recognition and citation issuance.
- Enhanced Revenue Collection: Streamlines the payment process and increases collection rates.
- Reduced Administrative Costs: Eliminates manual data entry and paperwork associated with citations.
- Real-Time 24/7 Enforcement: Enables real-time detection of violations, including scofflaws, for immediate action.
- Data-Driven Decisions: Provides valuable insights to optimize parking management strategies.