# Summary of Meter System Modernization Plan

**Benefits:**

* Customer-friendly and convenient.
* Unclutter the pedestrian right-of-way.
* More efficient and effective enforcement.
* Operating expense reduction.
* Stronger financial performance outcome.
* Enhanced management capability

**New Hardware and Services:**

* Single-Space Meters to Multi-Space Pay Stations
	+ Fewer Units; Self Diagnostics; Analytics; Solar Powered; 5G; Can accept citation payments
* Mobile License Plate Based Enforcement
	+ Violation mapping by block, zone and time of day; data collection of demand; expanded patrol coverage and reduce staff opportunity and more
* Pay-by-Phones Service
	+ No cost to acquire; cell and smart phone compatible; CC processing is absorbed by users; Reduces meter collection burden; can communicate to customers

**Programmatic and Regulatory Changes**

***Strongly Recommended:***

* Change to “Pay-by-Plate” for transaction processing and enforcement
* System-Wide Rate Increase *($1.00 and $1.50 Per hour)*
* Expansion of paid parking into new high demand areas
* Establish more locations where 4-hour parking time limits are allowed in CBD
* “Virtual Permits” linked to resident permitholder’s vehicle license plate.

***Strongly Suggested:***

* Authorize the establishment of “Pay-by-Phone Only” On-Street Parking Zones
* Extend enforcement and timeframe for paid parking *(Fridays/Saturdays)*
* “Special Event Parking Zones” with flat rates in the range of $10.00 to $25.00.

**Phased Implementation is Recommended**

***Phase 1***

* Central Business District
* Central Neighborhood
* Ohio City
* Detroit Shoreway
* University Circle

***Phase 2***

* Buckeye-Shaker
* Ohio Ciyt
* Old Brooklyn
* Tremont
* UCI

**Procurement Budget**

|  |  |  |  |
| --- | --- | --- | --- |
| **COST SUMMARY FOR PROJECT PHASING** | **Future Parking Spaces** | **New MSPM****Units** | **Estimated Cost of New MSPM Units** |
| **Phase I - Existing Meter Upgraded to MSPM Units (CBD & Selected Neighborhoods)** | **2,428** | **293** | **$1,904,500** |
| **Phase I - New Pay Parking Zones with MSPM Units (CBD Only)** | **286** | **40** | **$260,000** |
| ***Phase I - Eliminated Single Space Meters*** | ***(35)*** |  |  |  |
| **PHASE I PLAN SUBTOTALS** | **2,714** | **333** | **$2,164,500** |
| **Phase II - Existing Meters Upgraded to MSPM Units** | **138** | **18** | **$117,000** |
| **Phase II - New Pay Parking Zones with MSPMs Units** | **1,617** | **175** | **$1,137,500** |
| ***Phase II - Eliminated Single Space Meters*** | ***(42)*** |  |  |  |
| **PHASE II PLAN SUBTOTALS** | **1,755** | **193** | **$1,254,500** |
| **TOTAL PLAN SYSTEM SPACES AND PAY STATION KIOSKS TOTALS** | **4,469** | **526** | **$3,419,000** |
| ***Subtotal Existing Metered Spaces Upgraded to Multi-Space Pay Station Kiosks******Subtotal New Pay to Park Zones with Multi-Space Pay Station Kiosks*** | ***2,566******1,903*** | ***311******215*** | ***$2,021,500******$1,397,500*** |

**Return on Investment**

***3- to 4-year return on investment is not uncommon:***

* Parking meter rates increases *(including new special event parking rates)*
* More convenient payment options
* Credit cards drive higher per transaction payments
* CBD rate increase conservatively projected to yield over $500,000 annually
* Extended parking time limits *(fewer 2-hr maximum parking time zones)*
* Potential for 1,903 new pay to park on-street spaces across the City
* Extension of paid parking hours on Friday evenings and on Saturdays
* Elimination of piggybacking on unexpired meters
* Higher meter payment compliance due to ALPR enforcement

**On-Street Parking System Annual Operating Cost Summary**

