PARKING EQUIPMENT REPLACEMENT
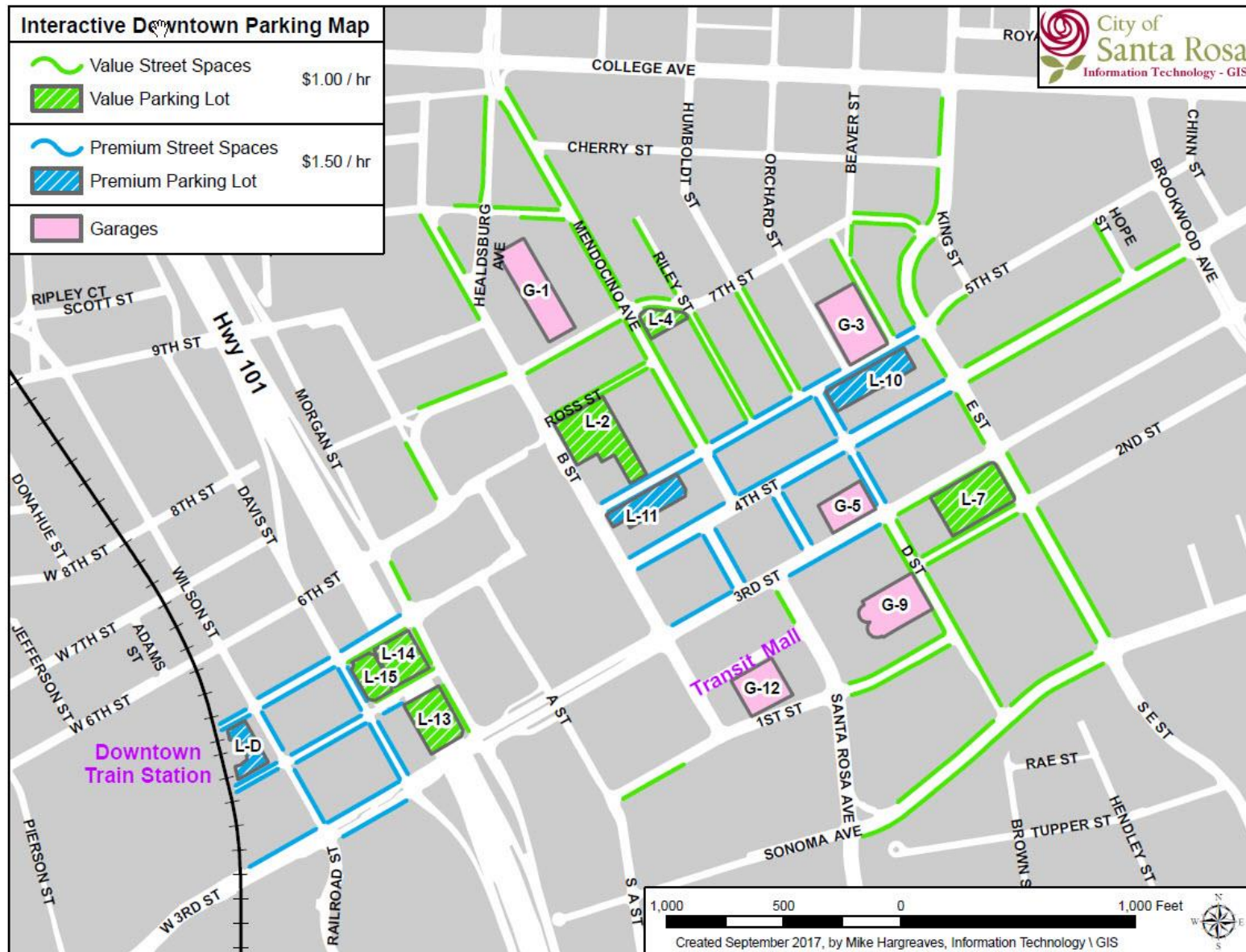
Downtown Subcommittee Meeting
May 3, 2018

Kim Nadeau, Parking Manager
Finance Department

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Why Replace Existing System

- Existing system is 17 years old
- Limitations with current system
- New System will:
  - Increase Revenue
  - Minimize Operation Costs Maintenance and Server Management
- Modernize Equipment
- Improve Customer Experience
- Reduce liabilities with payment transactions
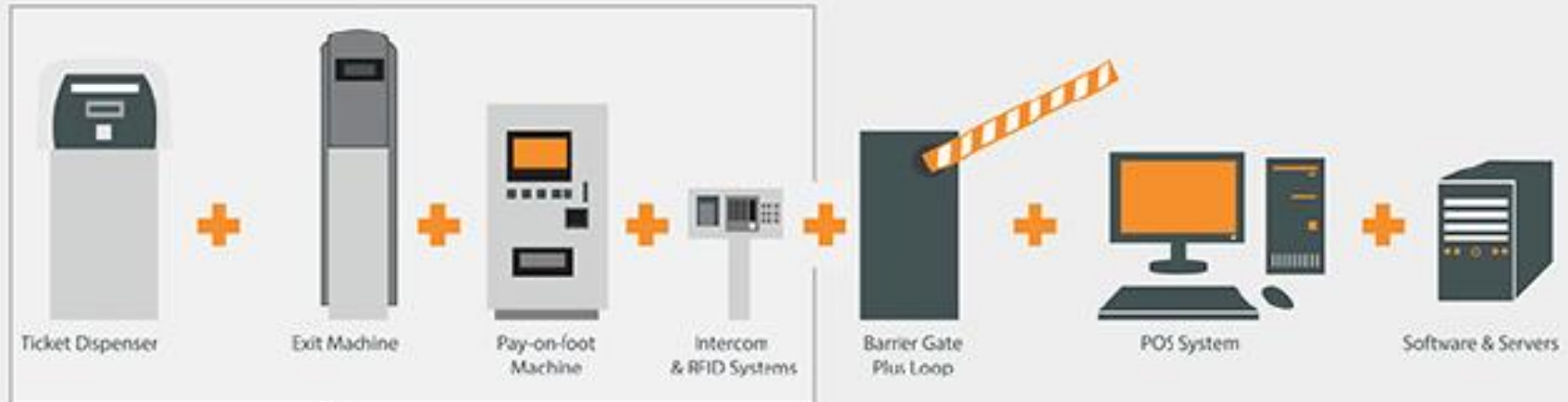
GARAGE LOCATIONS

PROPOSED

- Add nested area for Hotel Valet

- Remove booths

- Replace all existing equipment

- Locate pay stations in better locations if necessary

- Update car coming signage

- Remove and replace all loop detectors

- Improve visibility in lanes if possible

- Linking to Parking Apps and City Website
    - ✓Payments
    - ✓Vehicle Counts

PARCS Introduction

Components of Parking Access Revenue Control System

Typical PARC Setup Includes:

Ticket Dispenser + Exit Machine + Pay-on-foot Machine + Intercom & RFID Systems + Barrier Gate Plus Loop + POS System + Software & Servers

Credential Types:

- Tickets

- Prepaid Tickets

- Bar code/QR code

- Proximity cards

- AVI – City Vehicles

Payment types:

- Credit Card
- Cash
- Validations/Coupons
- NFC Reader (Apple Pay, Google Pay)
- Credit Card pay on exit
- Bar Code/QR Code
- Pay by Phone

Validation equipment options:

- Chaser tickets
- Web based
- Ticket encoder
- Electronic validator
- Bar code/QR code of any type

Tentative Schedule

- Develop RFP   June 2018
- Issue RFP   July 2018
- Evaluation to start   Aug 2018
- Intent to Award   Sep 2018
- Negotiate Agreement   Oct 2018
- Council Approval   Nov 2018
- Phased Construction   2019

Stakeholder Input

- Key System Features
- Opportunities to Improve Existing System
- Wish List Features
- QUESTIONS?