San Francisco Police Department
District Station Boundary Analysis

Police Commission Presentation
December 10, 2014
Project Overview

• The San Francisco Police Department and Controller’s Office issued an RFP in 2013 to analyze the police district boundary lines

• The project required a data driven approach to developing potential line changes as a collaborative effort between the vendor and the City
Project Timeline

- October 2013 - City Selected PSSG
- February 2014 - Project Scoping
- April 2014 – Interviews with City stakeholders
- May 2014 - Working Group and Steering Committee
- June 2014 - SFPD Data Received
- July 2014 - Initial Mapping
- August 2014 - Working Group Map Review
- October 2014 - Working Group Selects Four Maps, Steering Committee Reviews Maps
- November 2014 - Chief Submits Final Map
- December 2014 - Police Commission Meeting
- December 2014-March 2015 Public Comment/Feedback
Project Drivers

- New Southern District Police Station
- Anticipated population growth
- Imbalanced SFPD workload between districts
- Board of Supervisors legislation requires a district station boundary analysis study every 10 years
Project Objectives

• Develop data driven boundary restructuring options that will:
  – Consider parity across the districts
  – Preserve neighborhoods and constructed and natural boundaries
  – Adjust for district specific operational considerations
  – Minimize response time, if possible
  – Consider alignment with political boundaries
  – Allow for short-term implementation given SFPD facilities and IT constraints
Multi-Tiered Project Structure

City’s Team

Focus Groups
Internal City Stakeholders

Working Group

Steering Committee

City Engagement Strategy
Analysis Methodology

Analysis Process Overview

Obtain City Stakeholder Feedback
Convene Working Group
Interview the following groups:
- District Personnel
- Command Staff
- Specialized Units
- Other City Departments

Assess Distribution of Workload between Districts
Calls for Service (CFS)
Citations
Incidents
Special Events
Other factors

Align Boundaries to Meet Service Goals
Workload distribution
Response times
Other policing goals

Incorporate other City Features
Socioeconomic data
Housing
Landmarks
Neighborhoods
Supervisory districts
Other key geographic or political features

Select Maps
Working Group Ranks Maps
Steering Committee Selects Final Map
City and SFPD Data Review

- CAD (2008-2013)
- CABLE (2008-2013 - 20% sample)
- Human Resource Management System (HRMS)
- SFPD Internal Databases (events, homicides, shootings)
- Alcohol Outlets
- Daily Ridership Density on Public Transit
- Employment Density
- Civic Events
- Healthcare Facilities by Type
- Homeless Shelters
- Household Income - Higher than Average
- Household Income - Poverty Level
- Neighborhood Districts
- Parks
- Pedestrian Density
- Pedestrian High Injury Locations
- Population Density
- Population Density - non-white
- Public Housing
- Satellite Maps
- Schools
- Senior Centers
- Senior Density
- SROs
- Supervisorial Districts
- Topographic Maps
- Universities/Colleges
- Violent Crimes
- Youth Density
- TransBASE
- U.S. Census 2010
District Map Selection Process

1. Focus Groups propose single line changes
2. 30 initial maps with combined line changes
3. Working Group ranking and editing
4. Working Group final recommendations
5. Steering Committee selects final map
Citywide Proposed and Current District Lines
Bayview Proposed and Current District Lines
Tenderloin Proposed and Current District Lines
Southern Proposed and Current District Lines
Central Proposed and Current District Lines
Northern Proposed and Current District Lines
Richmond Proposed and Current District Lines
Park Proposed and Current District Lines
## Impact of Line Changes on CAD and CABLE

### Comparisons Between Maps

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<th>Citywide Calls for Service and Crime Incidents</th>
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<td><strong>Map</strong></td>
<td>Standard Deviation</td>
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<td>CAD</td>
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