

Needs Assessment

San Francisco Eastern Neighborhoods

December 17, 2007

Prepared for:

San Francisco Planning
Department

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I. Introduction

The City of San Francisco Planning Department (Planning Department) is evaluating the potential rezoning of land within the Eastern Neighborhoods and Central Waterfront areas, as well as other areas of the City. In Spring 2006, the Planning Department retained Seifel Consulting Inc. (Seifel) to assess the current and future need for key services and amenities in the Eastern Neighborhoods and Central Waterfront areas in order to inform the Planning Department's evaluation. The initial needs findings were memorialized in the Draft Eastern Neighborhoods Needs Assessment, September 2006. In October/November 2007, Seifel updated the 2006 initial need findings in light of additional research and time passed.

The services and amenities covered in this assessment include open space, parks and recreational facilities, community facilities and services, neighborhood serving businesses, and housing.

The Planning Department is evaluating funding mechanisms to address the needs for some key services and amenities. This report will help inform the rezoning process and the decision of what funding mechanisms to pursue for various needs.

This report begins by describing the study area in Chapter II, and then outlines demographic sources and techniques used to perform the needs analysis in Chapter III. Chapter IV provides a summary of findings including tables showing projected needs and need category definitions. Chapter V presents the needs analysis by category, and Chapter VI concludes the report.

II. Study Area

Seifel evaluated the current and future needs in four neighborhoods within the Eastern Neighborhoods and Central Waterfront areas.

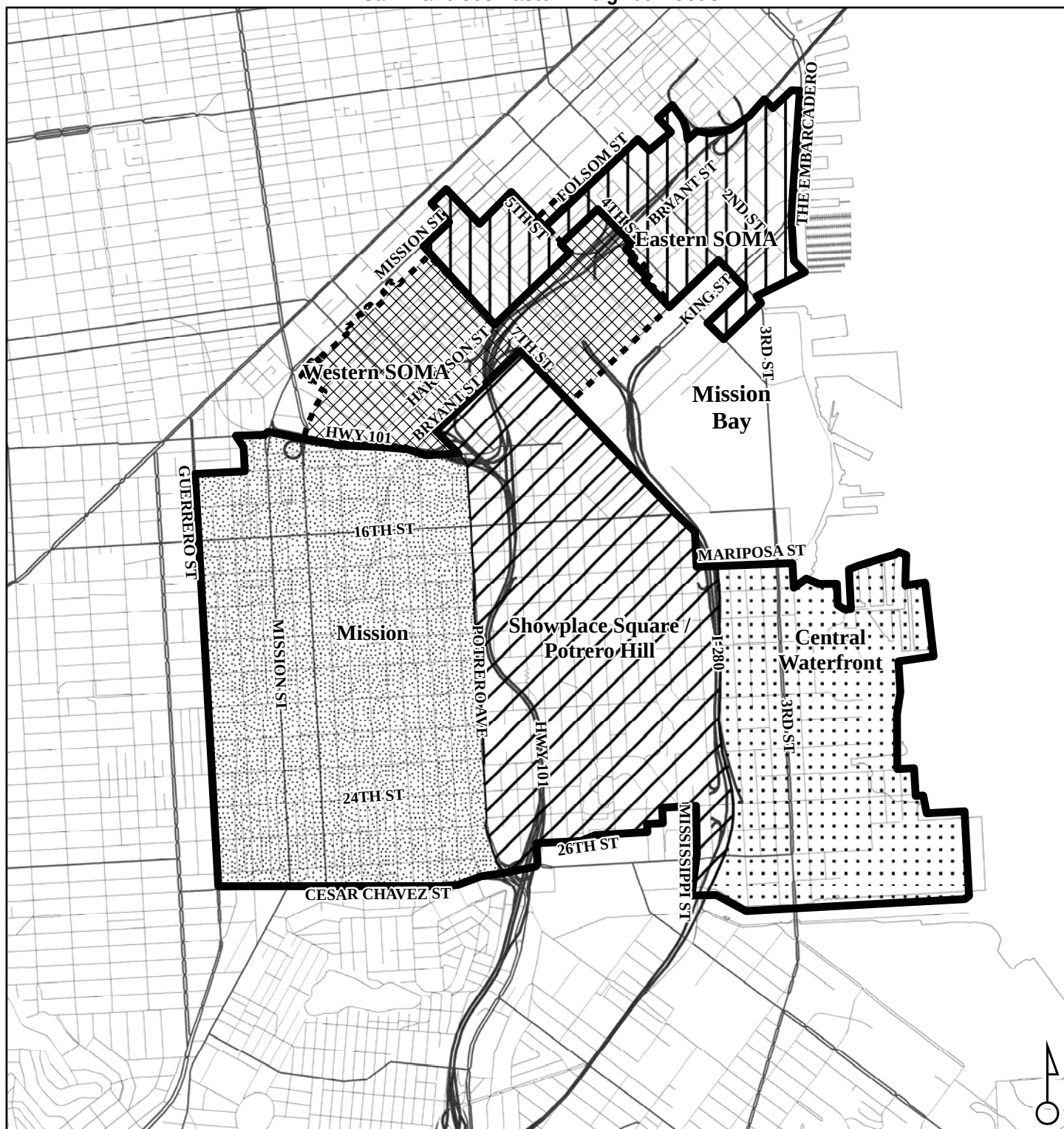
- Mission
- Showplace Square/Potrero Hill
- Eastern South of Market Area (SOMA)
- Central Waterfront

In the rest of this memo, these areas are collectively called the "Eastern Neighborhoods."

The findings and methodology from the needs assessment for these four neighborhoods are described within this memorandum. Appendix A includes a summary needs table and detailed tables by neighborhood. In addition, Seifel assessed the current needs in the Western SOMA neighborhood, which is included in Appendix B.

See Figure II-1 for boundaries of the study area.

**Figure II-1
Study Area Boundary and Subareas
San Francisco Eastern Neighborhoods**



Eastern Neighborhoods Study Area Boundary

Western SOMA Additional Area

Eastern Neighborhoods Subareas

Central Waterfront

Eastern SOMA

Mission

Showplace Square / Potrero Hill

0 0.25 0.5 1
Miles

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III. Demographic Sources and Techniques Used to Perform Needs Analysis

A. Techniques

Four main techniques were used to perform the needs analysis:

- Review of available studies, maps and reports, including the General Plan, existing City impact fee studies, departmental databases, and facility plans.
- Review of work performed to date on the potential expansion of the City's development impact fee program.
- Interviews regarding future capital needs and planning with personnel from key City departments, including: Department of Aging and Adult Services, Department of Children, Youth and Families (DCYF), Human Service Agency, San Francisco Arts Commission, San Francisco Fire Department (SFFD), San Francisco Police Department (SFPD), Department of Public Health (DPH), Recreation and Park Department (RPD), and San Francisco Unified School District (SFUSD).
- Estimates of current and future need assuming that the City meets standard levels of service provision for the Eastern Neighborhoods in each key need area.

B. Demographic Sources

1. Socioeconomic Impact Analysis

As a part of the Eastern Neighborhoods Community Planning Process, the Hausrath Economics Group (Hausrath) prepared a Socioeconomic Impact Analysis. The Administrative Draft Socioeconomic Impact Analysis (Draft for Public Review), which was released in March 2007, outlines the impacts on employment and housing due to the proposed rezoning. The socioeconomic data contained in the Hausrath report was used as a baseline for the needs assessment.

2. Demographic Projections

In determining future needs, Seifel used the 2025 demographic projections for the land use scenario, Revised Option B, developed by the Planning Department and first introduced in the February 2003 report *Community Planning in the Eastern Neighborhoods: Rezoning Options Workbook—First Draft*.¹

¹ The Option B Revised land use scenario reflects updated planning area boundaries and additional pipeline projects, but is essentially the same as the growth scenario outlined in 2003.

IV. Summary of Preliminary Findings

The needs assessment evaluated both the current levels of service and projected need for service in the Eastern Neighborhoods, as well as the net remaining need at build-out. The following key findings were observed:

- Current levels of service are adequate for the future in the following analysis categories:
 - Citywide open space
 - High school facilities
 - Library facilities
 - Police and fire stations
- Based on the build out projections, the following services/amenities will be needed in the future:
 - District, neighborhood and subneighborhood open space and maintenance
 - Recreational facilities and maintenance
 - Public health centers
 - Human service centers
 - Cultural centers
 - Middle and elementary schools
 - Licensed childcare spaces
 - Library materials
 - Transportation and transit service
 - Neighborhood serving businesses²
 - Affordable housing

Table IV-1 summarizes the projected need for each key service category at build out of the Eastern Neighborhoods. Table IV-2 describes each need category and outlines which analysis categories are included.

² While specific data regarding current levels of service for neighborhood serving businesses is not readily available, anecdotal evidence indicates a lack of neighborhood serving businesses. Furthermore, new neighborhood serving businesses will be needed at build out to serve the new residents.

**Table IV-1
Need Projections
San Francisco Eastern Neighborhoods**

Analysis Categories	2025 Need Projection	Notes on Need Provision
Open Space and Recreation Facilities		
Open Space & Parks – District, Neighborhood & Subneighborhood	14.5 acres	New parks and/or intensified use of existing parks & open space
Open Space & Parks Maintenance	\$89,000 per year	
Open Space Recreational Facilities	707,760 SF	
Recreational Facilities Maintenance	\$79,000 per year	
Community Facilities & Services		
Education		Potential need could be met through relocation or new facility
Middle School (6-8)	up to 1 school	
Health Care	0.65 centers	Expansion and/or shared facility
Human Service Agencies	0.49 centers	Expansion and/or shared facility
Cultural Centers	0.16 centers	Expansion and/or shared facility
Public Libraries (Materials)	\$74 fee/resident	
Police (Equipment)	11 squad cars	
Child Care	4,447 spaces	
Infants (0 to 24 months)	619 spaces	
Pre-School (2 to 5 years)	2,099 spaces	
School Aged (6 to 13 years)	1,729 spaces	
Neighborhood Serving Businesses		
Drug Stores	9,748 SF	
Supermarkets	60,040 SF	
Restaurants without liquor	42,611 SF	
Restaurants with liquor	29,466 SF	
Personal Service	18,093 SF	
Other Neighborhood Serving Retail	9,231 SF	
Affordable Housing	4,716 units	
Very Low (<50% AMI)	1,901 units	
Low (<80% AMI)	771 units	
Moderate (<120% AMI)	2,044 units	
Transportation and Transit	Unknown	To be specified through further study

**Table IV-2
Definitions for Needs Assessment
San Francisco Eastern Neighborhoods**

Need	Definition	Analysis Categories	Explanation
Open Space & Recreational Facilities	A variety of publicly-accessible spaces including traditional parks, walkways, landscaped areas, recreation facilities, playing fields and unmaintained open areas.	Open Space & Parks - Citywide	Flagship parks, Regional parks, Undeveloped open space, Civic squares and plazas, Large public gardens, Lakes, Greenbelts, Viewsheds
		Open Space & Parks - District, Neighborhood & Subneighborhood	Land and maintenance of: Neighborhood parks, Greenscapes, Mini-parks, Improved alleyways, Widened amenitized sidewalks, Median strips, Greenways, Community Gardens
		Recreational Facilities	Facilities and Maintenance of: Activity Centers, Senior Centers, Arts and Community Centers, Archery, Basketball Courts, Clubhouses, Day Camps, Dog Parks, Equestrian Areas, Fieldhouses, Stadiums, Boating Facilities, Greenhouses, Maintenance Facilities, Museums and Programmed Areas, Offices, Performance Spaces, Picnic Areas, Play Areas and Structures, Playing Courts and Fields, Recreation Centers, Restrooms, Shelters, Shops and Concessions, Skateparks, Swimming Pools, Tennis Courts, Volleyball Courts
Community Facilities & Services	Facilities serving the basic social, health and educational needs of a neighborhood or community.	Education - Student Facilities	Classroom space needed for public education, grades K-12
		Public Libraries	Library facilities and materials
		Police	Police stations and equipment
		Fire	Fire stations and equipment
		Health Care	Publicly-funded health clinics and facilities serving low income residents
		Human Services	City funded "one-stop" centers that include employment and workforce development services, services for senior and adults with disability, and/or youth and family services ^a
		Cultural Facilities	City-owned facilities providing providing accessible arts opportunities for all San Franciscans through cultural arts and programs
Neighborhood Serving Businesses	Businesses catering to the daily needs of neighborhood residents and not necessarily drawing many customers from outside the neighborhood.	Child Care	Licensed child care facilities
		Drug Stores	N/A
		Supermarkets	N/A
		Restaurants	Includes full-service restaurants, specialty restaurants such as coffee shops, ice cream parlors, donut shops, and fast food restaurants
		Personal Service	Coin-operated laundry, dry cleaning, hair, nail and personal care salons
Housing	Impact on affordable housing needs resulting from zoning Option B revised.	Other Neighborhood Serving Retail	Specialty food stores, convenience stores, gift shops, florists, nurseries and garden supply
		Supply to meet affordable housing needs	N/A
Transportation	Infrastructure serving the transportation needs of residents and businesses through adequate streets, transit, bicycle and and pedestrian facilities.	Streets	System capacity, traffic signals, physical condition, and safety
		Public Transit	System capacity, frequency of service, service reliability, stop location and physical condition
		Bicycle Facilities	Bicycle lanes, bicycle racks, off-street bicycle parking
		Pedestrian Facilities	Sidewalks, crosswalks, collision control at dangerous intersections

a. Recreation centers for youth and seniors are analyzed in the Open Space and Parks - Facilities section.

Source: San Francisco Planning Department and Seifel Consulting Inc.

V. Needs Analysis

The purpose of this chapter is to present the needs as analyzed given the projected future growth in the Eastern Neighborhoods. For each analyzed need, the methodology used is introduced as well as a need factor given that methodology. This need factor is then considered alongside the projected future growth to determine and assess the need. Analyzed needs are accompanied by a table summarizing findings and, where relevant, a map showing the location of existing facilities and amenities.

The chapter is organized as follows:

- A. Open Space, Parks and Recreational Facilities
- B. Community Facilities and Services
- C. Neighborhood Serving Businesses
- D. Housing

A. Open Space, Parks and Recreational Facilities

The City's open space, parks and recreational facilities are grouped into three categories using the definitions found in the Recreation and Open Space Element of the General Plan, which reflect the different types of services and amenities available:

- Citywide Open Space and Parks—Generally categorized as a publicly accessible space that is 30 acres and over. The special nature of these larger spaces enables residents from other San Francisco neighborhoods to make use of these amenities.
- District, Neighborhood and Subneighborhood Open Space and Parks—District open space is over 10 acres and less than 30 acres and serves more than a single neighborhood or community. Neighborhood open space is categorized as publicly accessible space that is from one to ten acres. These smaller spaces generally serve a single community or neighborhood. Subneighborhood open space and parks are less than one acre and serve immediately adjacent areas.
- Recreational Facilities—Facilities operated by the Recreation and Park District (RPD) that include community centers, sports facilities, performance spaces, and play areas.

San Francisco's Sustainability Plan calls for parks service to be maintained at a level of 5.5 acres per 1,000 residents.³ Seifel's analysis of current acreage of citywide and neighborhood open space and parks reveals that levels of service are provided at approximately a 4:1 ratio of citywide to district/neighborhood/subneighborhood open space and parks. Therefore, a need factor of 4.5 acres per 1,000 residents for citywide parks and one acre per 1,000 residents for district, neighborhood and subneighborhood parks was used to assess current and future need.

³ Per the Quimby Act (California Governmental Code §66477), a city may require the dedication of land or the payment of fees to provide up to 5 acres of park area per 1,000 residents.

1. Open Space and Parks—Citywide

Need factor: 4.5 acres/1,000 residents

No citywide open space currently exists within the study area. However, sufficient amounts of citywide open space are accessible to neighborhood residents. Currently, the City provides approximately 6.3 acres of open space per 1,000 residents and will remain far above the citywide Sustainability Plan standard of 4.5 acres per 1,000 residents, even with the projected future demand from new residents.⁴

Sufficient amounts of citywide open space are accessible to neighborhood residents, and proposals for new citywide spaces, such as Brannan Street Wharf, an open space development over piers on the Embarcadero in Eastern SOMA, Pier 70 in the Central Waterfront, and the Blue Greenway Public Waterfront Trail, a planned 13-mile greenway/waterway network located along the southern waterfront, will increase citywide open spaces within easy access of new residents of the Eastern Neighborhoods.

2. Open Space and Parks—District, Neighborhood and Subneighborhood

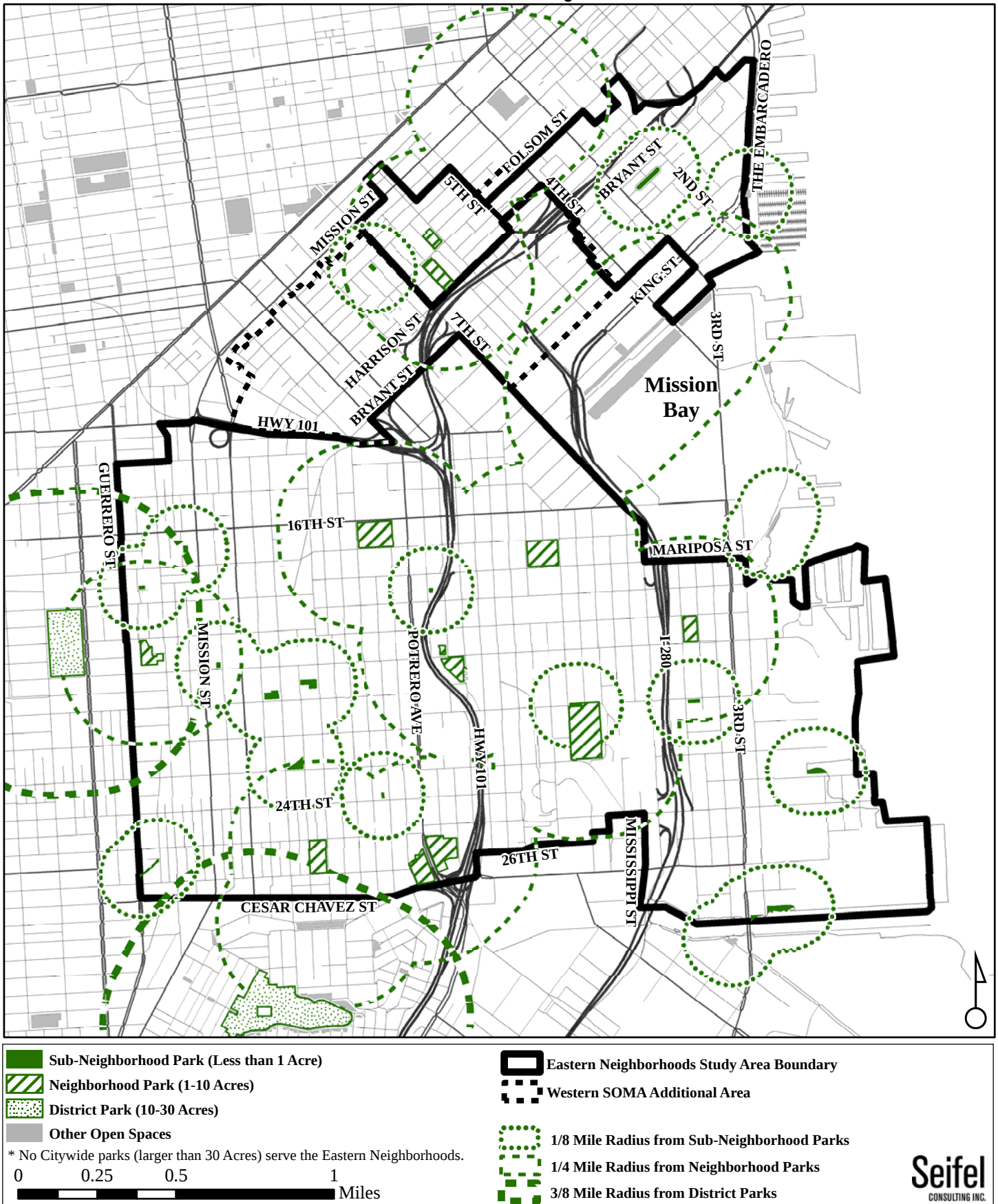
Need factor: one acre/1,000 residents

In order to maintain adequate levels of service, new residents will need additional accessible open space and parks. Using the Need factor of one acre of open space per 1000 residents, Seifel projects that the Eastern Neighborhoods will need approximately 14.5 acres of new neighborhood and/or subneighborhood parks and open space. However, RPD has indicated that needs could be met through intensification of existing park space into more active space.

In addition, the location of these open spaces and parks is also critical to meeting neighborhood needs. The General Plan standards indicate that a neighborhood area has adequate access to open space if it is within one-half mile of citywide open space, three-eighths mile of district open space, one-quarter mile of neighborhood open space or one-eighth mile of subneighborhood open space. The Central Waterfront and portions of the other three neighborhoods lack access to neighborhood and/or subneighborhood open space (Figure V-1).

⁴ Calculations based on inventory from San Francisco Recreation and Park Department, May 2006.

Figure V-1
Public Open Space
San Francisco Eastern Neighborhoods



3. Maintenance and Operating Expenses—Parks

Cost of \$7,835/acre for labor

According to RPD, the existing parks within the Eastern Neighborhoods are relatively well maintained, with an average score of 84 percent on the RPD park maintenance evaluations conducted since June 2005.⁵ While neighborhood residents have reported maintenance deficiencies, Seifel was unable to quantify these deficiencies or the associated costs of rectifying them because RPD has not identified or analyzed these deficiencies.⁶

The current structure of the RPD budget does not allow precise estimation of the costs of maintaining neighborhood parks and open space because the budget does not link park maintenance outcomes to the cost of the relevant inputs (maintenance personnel, capital equipment, etc). In lieu of this detailed information, Seifel estimated a minimum cost factor for maintenance and operating expenses based on direct labor costs and a small overhead factor.

The city will likely need to hire one additional Gardener (class 3417) to service the 14.5 acres of new neighborhood and/or subneighborhood parks and open space projected to be needed in the Eastern Neighborhoods.⁷ The total labor cost of a Gardener is approximately \$74,400 per year, which includes wages plus required benefits.⁸ Since maintenance of the new parks will require additional management and supervisory oversight, Seifel multiplied this cost by an overhead factor of 1.2, to reach a total estimated labor cost of \$89,300 for new Eastern Neighborhood parks. This figure translates to \$7,835 per acre for future park maintenance.⁹

⁵ Evaluations are based on park maintenance standards published by RPD in May 2005. Most parks in the Eastern Neighborhoods were evaluated at least twice through Summer 2006.

⁶ The Neighborhood Parks Council gave some playgrounds within the Eastern Neighborhoods failing or almost failing grades and has criticized the RPD evaluations for being inconsistent, but the NPC 2006 Report Card also granted As and Bs to most of the playgrounds in the study area.

⁷ According to Isabelle Wade of the Neighborhood Parks Council, the national standards for landscaping are one gardener for every 16 acres, but dense urban areas typically require more. However, new parks in the Eastern Neighborhoods are expected to have relatively low landscaping requirements, as they will be neighborhood serving without intense citywide or tourist-driven demand. Maintenance needs may increase over time as the parks age, and every facility has unique maintenance and environmental factors affecting its maintainability. According to RPD, current staffing of gardeners is inadequate, and detailed staffing analysis is underway to quantify staffing needs.

⁸ FY 2006-2007 total compensation (base salary plus mandatory fringe benefits) from Katie Petrucione, Director of Finance and Administration, Recreation and Parks Department.

⁹ The estimated per acre maintenance cost does not include an allowance for the maintenance trades or supplies. This omission is because it was not possible to reasonably assign these costs on a per-park or per-acre basis given available RPD budget information. However, new parks in the Eastern Neighborhoods are unlikely to have significant skilled labor or capital equipment maintenance needs once they are completed.

4. Recreational Facilities

Citywide provision of 21.58 square feet/resident

The City does not have published standards for provision of recreational facilities. Seifel analyzed current citywide levels of facility square footage per capita in order to establish a need factor for recreational facilities. All of the neighborhoods except for Potrero Hill/Showplace Square have an existing need for recreational facilities based on current citywide provision levels, and future residents will need an additional 312,000 square feet of recreational facilities, totaling 708,000 square feet of recreational facilities needed in the Eastern Neighborhoods. See Table IV-2 for the types of facilities included in the calculation.

5. Maintenance and Operating Expenses—Recreation Facilities

Cost of \$0.32/SF for labor

RPD has not yet published maintenance standards for recreation facilities. As with parks, budget data constraints prevent comprehensive analysis of the cost of maintaining new recreation facilities projected for the Eastern Neighborhoods. One additional Custodian (class 2708) will be needed to maintain the 312,000 square feet of recreation space projected to serve new Eastern Neighborhood residents.¹⁰ One additional Custodian would maintain approximately the same ratio of custodians per square foot throughout the city as exists currently.¹¹ At a cost of \$66,100 per year in salary plus benefits times an overhead factor of 1.2, the estimated additional maintenance labor is \$79,300 or \$0.32 per square foot.¹²

Table V-1
Current and Future Needs
Open Space, Parks and Recreational Facilities
San Francisco Eastern Neighborhoods

Analysis Categories	Need Factor	Existing Need (Surplus)	Growth in Need	Future Conditions Needed	Need Projection
Open Space & Parks - Citywide ^a	4.5 acres/1,000 residents	(1,366) acres	14,477 residents	65.1 acres	0.0 acres
Open Space & Parks - District, Neighborhood & Subneighborhood	1.0 acres/1,000 residents	See Figure V-1	14,477 residents	14.5 acres	14.5 acres
Open Space & Parks (Operating Costs)	7,835 \$/acre	Average maintenance rating of 85% but cannot cost out deficiencies	14.5 acres	\$ 89,322 annual labor cost	\$ 89,322 annual labor cost
Recreational Facilities	21.58 SF/resident	395,346 SF	14,477 residents	312,414 SF	707,760 SF
Recreation Facilities (Operating Costs)	0.25 \$/SF	N/A	312,414 SF	\$ 79,325 annual labor cost	\$ 79,325 annual labor cost

a. The existing city-wide open space condition refers to all areas of this size across the city, not only in the Eastern Neighborhoods.

Source: San Francisco Planning Department, RPD, Seifel Consulting Inc.

¹⁰ Since Seifel was unable to estimate the costs of existing maintenance deficiencies in recreation facilities citywide, it did not calculate the “current need” for recreation maintenance.

¹¹ According to RPD, existing staffing levels of custodians are inadequate to meet current needs, but the Budget Analyst’s Management Audit recommends reassigning custodians to better meet demand. RPD is currently conducting a staffing analysis that will allow better quantification of this issue. The recommendation of one additional custodian is conservative.

¹² As with parks, this factor does not include skilled labor maintenance, equipment, or other supplies. It also does not include the cost of additional programming at the recreational facilities.

B. Community Facilities and Services

This section of the report focuses on various facilities and services that maintain or enrich the quality of life for residents of the City of San Francisco's Eastern Neighborhoods. The City's Community Facilities and Services are grouped into the following eight categories:

1. Education
 - Elementary Schools
 - Middle Schools
 - High Schools
2. Public Libraries
 - Facilities
 - Materials and Renovation
3. Police
 - Facilities
 - Equipment and Officers
4. Fire
5. Health Care
6. Human Service Agencies
7. Cultural Facilities
8. Child Care

1. Education

Need factor: Based on desired number of students per school type in San Francisco

SFUSD has a full choice student assignment system that provides families the opportunity to apply to any school within the District. Many families do not list their local school as their first choice. According to SFUSD officials, “the extent to which families opt to attend schools in their neighborhood, the rate at which families from other neighborhoods attend schools in this area, and the overall number of students in the City will determine the actual need for additional “seats” in the Eastern Neighborhoods.”¹³

This is an important consideration that must be taken into consideration when determining the need for new and/or expanded school facilities. However, the proximity of schools to neighborhoods remains significant for many current and future Eastern Neighborhoods residents. Seifel thus investigated school capacity in the Eastern Neighborhoods as a whole and by subneighborhood.

¹³ Nancy Waymack. Director of Policy and Operations, SFUSD (December 2007).

The capacity study performed as part of the 2002 SFUSD Facilities Master Plan found excess capacity existed for the Eastern Neighborhood Schools for each school type (elementary, middle, and high school). However, aggregate numbers do not show the extent to which some schools are under-enrolled and others over-enrolled, or the schools' ability to absorb the increased population anticipated as part of the rezoning. Moreover, the issue of location and proximity of schools to current and future populations are lost in aggregate numbers.

Figures V-2, V-3 and V-4 contain current school locations in and around the Eastern Neighborhoods. These maps show that the Mission currently has the majority of the educational facilities in the Eastern Neighborhoods, while Eastern SOMA has one elementary and one small middle school and the Central Waterfront has no open facilities.

Seifel based the household student generation factors for market rate and affordable housing units on the SFUSD's 2002 Demographic Analyses and Enrollment Forecasts (DAEF), assuming that the ratio of elementary, middle and high school students is consistent with existing and projected proportions in the DAEF. Table V-2 shows the projected growth in future public school students in elementary, middle and high school categories.¹⁴ Factoring in current excess capacity where applicable, Seifel used design capacity assumptions from the 2005 Residential Development School Fee Justification Study in order to calculate how many new schools may be needed in the Eastern Neighborhoods.¹⁵

Table V-2
Current and Future Needs
School Capacity
San Francisco Eastern Neighborhoods

Analysis Categories	Need Factor	Existing Need (Surplus)	Growth in Need	Future Conditions Needed	Net Future Conditions Needed (Surplus)	Need Projection
Student Capacity and Demand						
High School (9-12)	0.102 students/housing unit	(982) student capacity	7,385 housing units	753 students	(229) students	N/A
Middle School (6-8)	0.069 students/housing unit	(443) student capacity	7,385 housing units	510 students	67 students	N/A
Elementary School (K-5)	0.146 students/housing unit	(1,742) student capacity	7,385 housing units	1,078 students	(664) students	N/A
School Capacity and Demand						
High School (9-12)	1,611 students/school	(0.61) schools	753 students	0.47 schools	(0.14) schools	0 schools
Middle School (6-8)	1,389 students/school	(0.32) schools	510 students	0.37 schools	0.05 schools	* schools
Elementary School (K-5)	656 students/school	(2.66) schools	1,078 students	1.64 schools	(1.01) schools	0 schools

a. Based on citywide and affordable housing student generation rates from Demographic Analyses and Enrollment Forecasts (DAEF), San Francisco Unified School District (SFUSD), July 2002.

Assumes ratio of elementary to middle to high schools students is consistent with existing and projects proportions in the DAEF and that 25% of new SF Eastern units are affordable.

Design capacity for elementary and high schools from SFUSD's 2005 School Fee Justification Study and estimated for middle schools based on elementary school capacity, adjusted for the years spent in middle school and the relative number of middle schools in SFUSD. Current capacity and enrollment information from SFUSD, December 2007.

*Seifel recommends that a middle school be considered for the Eastern SOMA, Showplace Square/Potrero Hill, and/or Central Waterfront Neighborhoods.

Source: San Francisco Planning Department, SFUSD, Seifel Consulting Inc.

¹⁴ DAEF (San Francisco Unified School District, July 2002) estimates a student generation rate of 0.2 students per housing unit and 0.7 students per affordable unit. Seifel estimates that 25 percent of new housing units in the Eastern Neighborhoods will be affordable to low and moderate income households (see Housing section at end of this report).

¹⁵ These design capacity assumptions are that a high school has the capacity for 1,611 students and an elementary school for 656 students. Design capacity for middle schools was not analyzed in the 2005 Residential Development School Fee Justification Study—Seifel estimated middle school capacity of 1,389 students based on the design capacity for elementary schools, adjusted for the fewer number of grade levels and the fewer number of middle schools citywide.

The student capacity calculations above demonstrate the need for an elementary school, and this is reinforced by the fact that no elementary schools are located in the eastern portion of the Study Area (Figure V-2). Seifel therefore recommends that a new elementary school be located in the Central Waterfront, Eastern SOMA or Showplace Square/Potrero Hill neighborhoods.

The student capacity calculations above demonstrate sufficient capacity for projected elementary school students, although some neighborhoods, namely Eastern SOMA and the Central Waterfront, will not be able to meet the demand for new elementary school spaces within their boundaries. Seifel therefore recommends maintain existing elementary schools and monitoring choice patterns of families in the Eastern Neighborhoods for increased demand for local elementary schools.

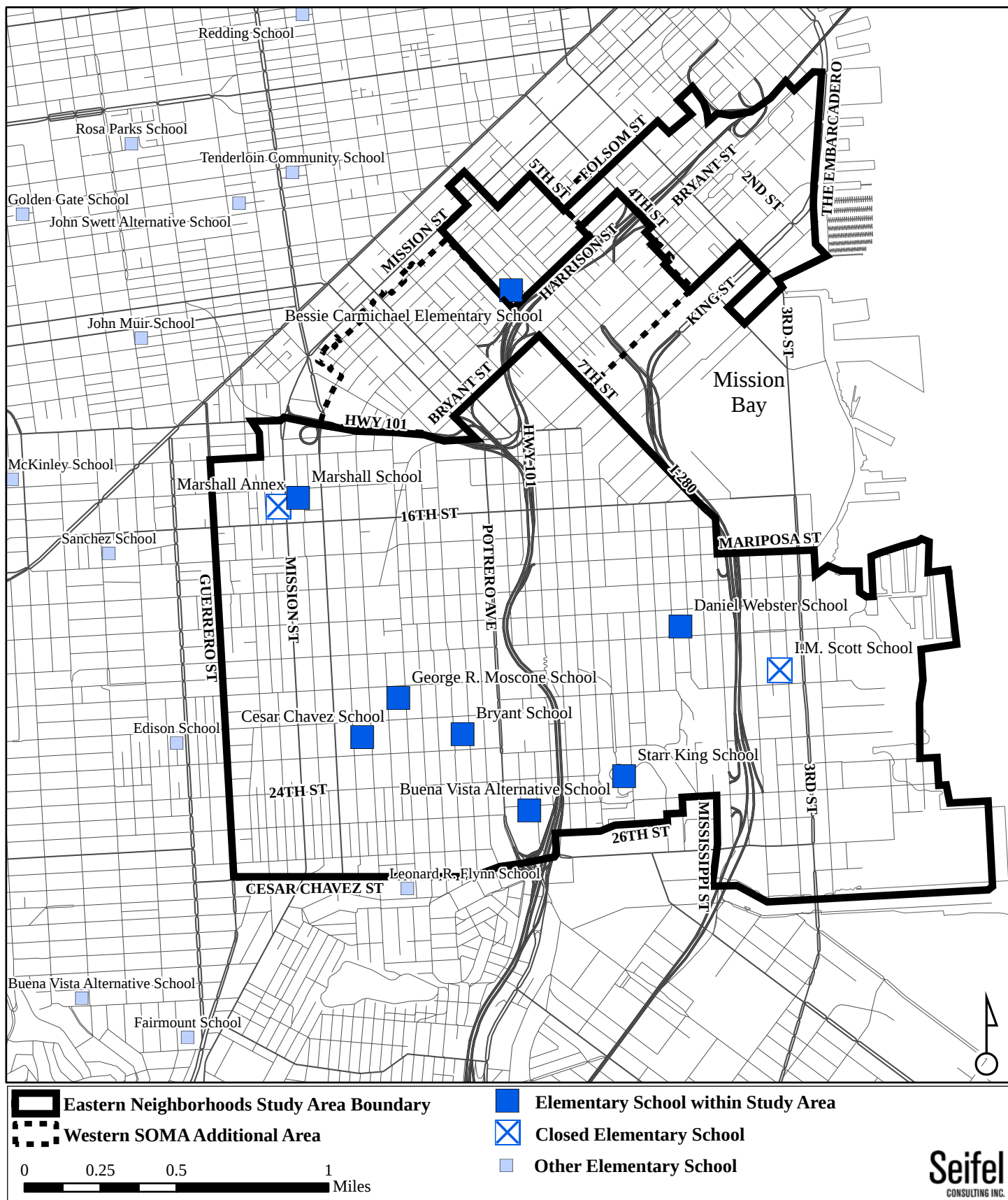
Seifel also recommends that the Planning Department and SFUSD consider adding capacity for middle school students in the Central Waterfront, Eastern SOMA or Showplace Square/Potrero Hill neighborhoods. This recommendation is based on new student projections and limited capacity for middle school students in the area now; currently there is only one middle school in the Eastern Neighborhoods, Horace Mann Middle School, located on the western side of the Mission neighborhood, and one K-8 school, Bessie Carmichael, within Eastern SOMA.¹⁶

Student capacity currently exists in Eastern Neighborhoods high schools. These schools are centrally located in the Eastern Neighborhoods, and future student generation would not be great enough to warrant construction of an additional high school (Figure V-4).

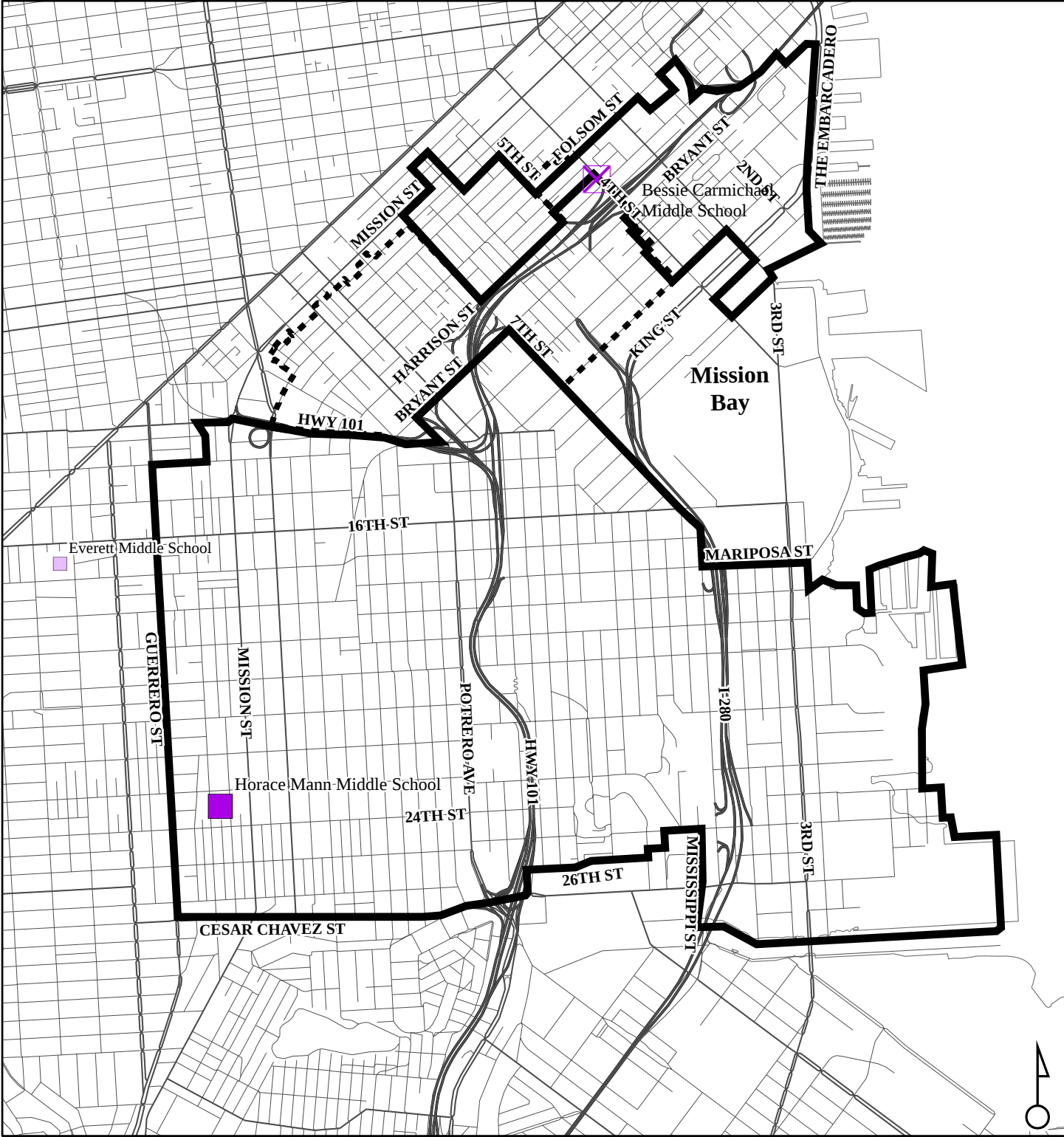
The calculations and recommendations contained in this memo will be impacted by future SFUSD school closures, relocation and merger decisions, as well as future attendance trends in the Eastern Neighborhoods and rest of the District. Updated information about these decisions and trends should be considered before any particular policy or plan is actively pursued.

¹⁶ The middle school at Bessie Carmichael is currently operating out of portable classrooms, with its permanent facility under construction at 824 Harrison Street. There is an additional K-8 school, Paul Revere K-8 School, south of the Eastern Neighborhoods in Bernal Heights.

**Figure V-2
Public Elementary Schools
San Francisco Eastern Neighborhoods**



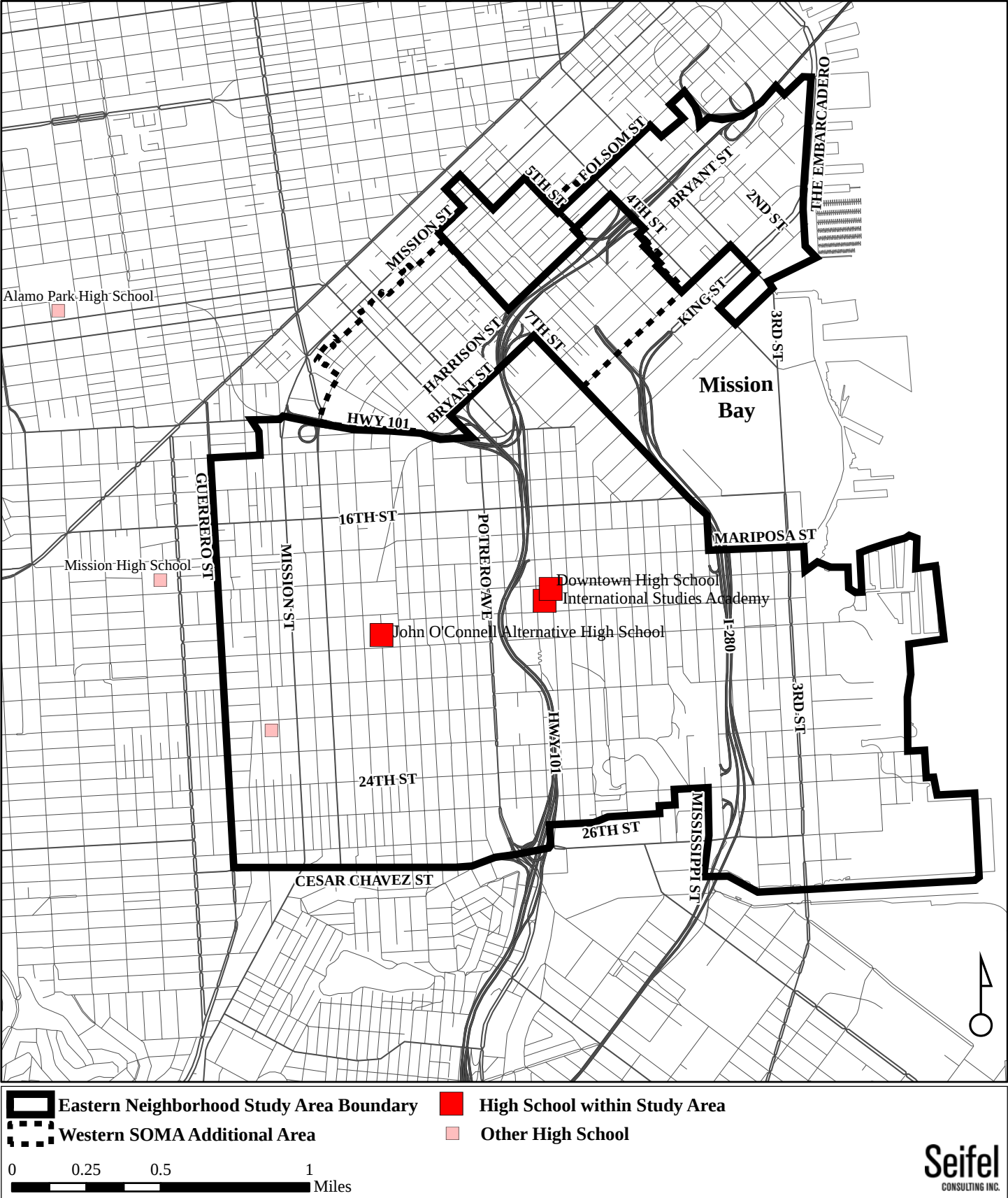
**Figure V-3
Public Middle Schools
San Francisco Eastern Neighborhoods**



	Eastern Neighborhoods Study Area Boundary		Middle School Under Construction
	Western SOMA Additional Area		Middle School within Study Area
			Other Middle School



**Figure V-4
Public High Schools
San Francisco Eastern Neighborhoods**



2. Public Libraries

a. Facilities

Need factor: Library Department does not indicate need for new library branches.

The public library system consists of one Main Library and 27 branch libraries. The City's level of service exceeds State levels, and new construction is not the Branch Library Improvement Program's highest priority.¹⁷ According to San Francisco Public Library service area maps, the Eastern Neighborhoods are currently served by the Main Library, Mission Branch, Potrero Branch, and Mission Bay Branch (see Figure V-5).¹⁸ The Library Department does not indicate that a new library would be needed in the Eastern Neighborhoods but does indicate that improvements are needed at the Potrero Branch.

The Potrero Branch is the only library serving the Eastern Neighborhoods in need of renovation, and it is slated for renovation in 2008, with partial funding from the Proposition A bond measure. The Mission Branch library was one of the five branches seismically renovated and made code compliant during the 1990s, the Main Library was completed in 1996, and the Mission Bay Branch is the City's first new branch in 40 years.

b. Materials and Renovation

Need Factor: \$74/new resident for materials

While the Library Department does not indicate a need for future branch libraries, an increase in residential population could add to the need for library materials and improvements. The Rincon Hill impact fee formula of \$69/new resident is consistent with the service standards used by the San Francisco Public Library for allocating resources to neighborhood branch libraries.¹⁹ Seifel escalated the fee to reflect inflation from 2005, when the fee was initially determined, to 2007 resulting at a current dollar amount of \$74/new resident.²⁰ This fee is intended to offset the need for additional materials, branch renovation and rehabilitation caused by increased use in all library branches.

¹⁷ California Library Statistics 2007 (FY 2005-06) by the California State Library Foundation indicate that per capita library expenditures in San Francisco are nearly two and a half times the State average. The Branch Improvement Program was initiated under Proposition A in 2000.

¹⁸ Branch Facilities Plan, San Francisco Public Library, 2006.

¹⁹ Rincon Hill Area Plan, City 2005 General Plan.

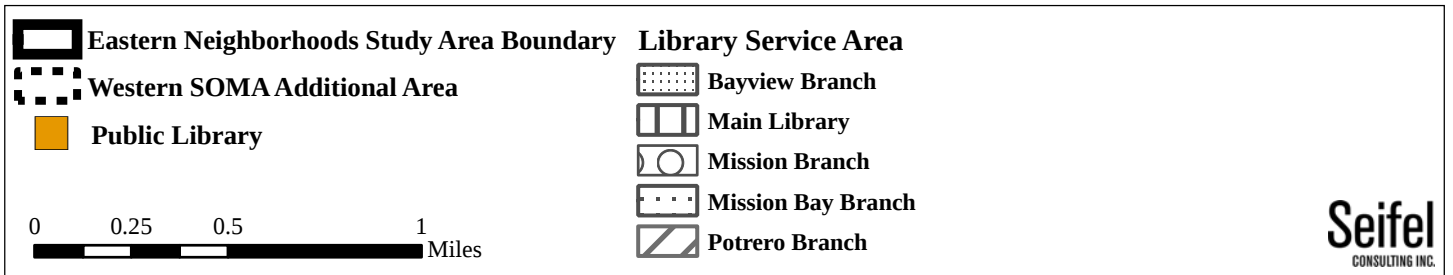
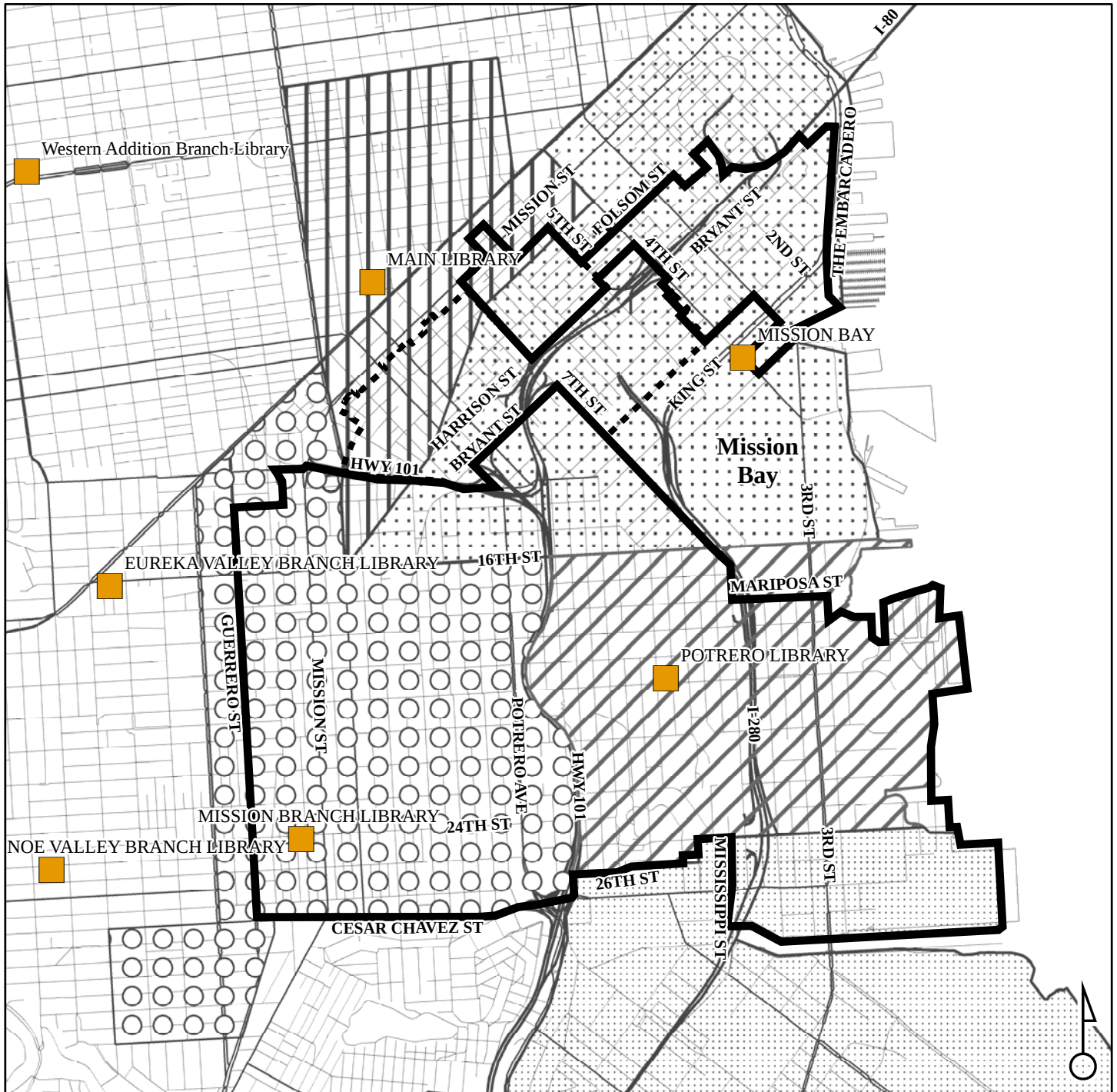
²⁰ Seifel escalated the 2005 materials cost to 2007 dollars using the Consumer Price Index for the San Francisco/Oakland/San Jose area.

**Table V-3
Current and Future Needs
Public Libraries Facilities and Materials
San Francisco Eastern Neighborhoods**

Analysis Categories	Need Factor	Existing Need (Surplus)	Growth in Need	Future Conditions Needed	Need Projection
Public Libraries (Facilities)	No standard need factor, no additional facilities anticipated to be needed	0 libraries	Based on Geography	0 libraries	0 libraries
Public Libraries (Materials)	\$ 74 fee/resident	N/A	14,477 residents	\$ 1,066,342 total fees	\$ 74 fee/resident

Source: San Francisco Planning Department, San Francisco Library Department, Seifel Consulting Inc.

**Figure V-5
Public Libraries
San Francisco Eastern Neighborhoods**



3. Police

a. **Facilities**

Need factor: Police Department does not indicate need

San Francisco, like most U.S. cities, does not have a standard for provision of police stations. The San Francisco Police Department (SFPD) indicated that no additional police stations would be needed in the Eastern Neighborhoods as a result of projected population growth. The SFPD identifies three stations that currently serve the Eastern Neighborhoods—Bayview, Mission and Southern (to be replaced by Mission Bay) police stations (see Figure V-6).

b. **Equipment and Officers**

Need factor: 0.77 squad cars/1,000 residents

Seifel was unable to obtain information on the adequacy of current equipment or current equipment needs. Seifel evaluated the future need for equipment, specifically squad cars, according to SFPD standards. This analysis projects a future need for 11 new squad cars, which currently cost the SFPD approximately \$30,000 each.²¹ The SFPD indicates that the new Mission Bay station, which is replacing Southern station, will accommodate new officers to serve Mission Bay and the surrounding area. A precise estimate of how many new officers are needed only in Eastern Neighborhoods was not available given the department's system wide approach.

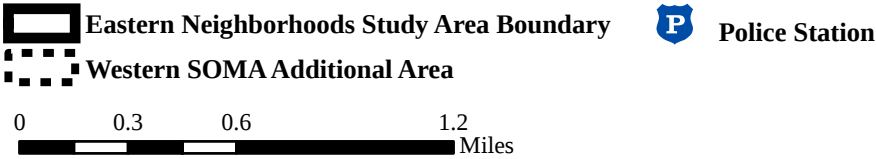
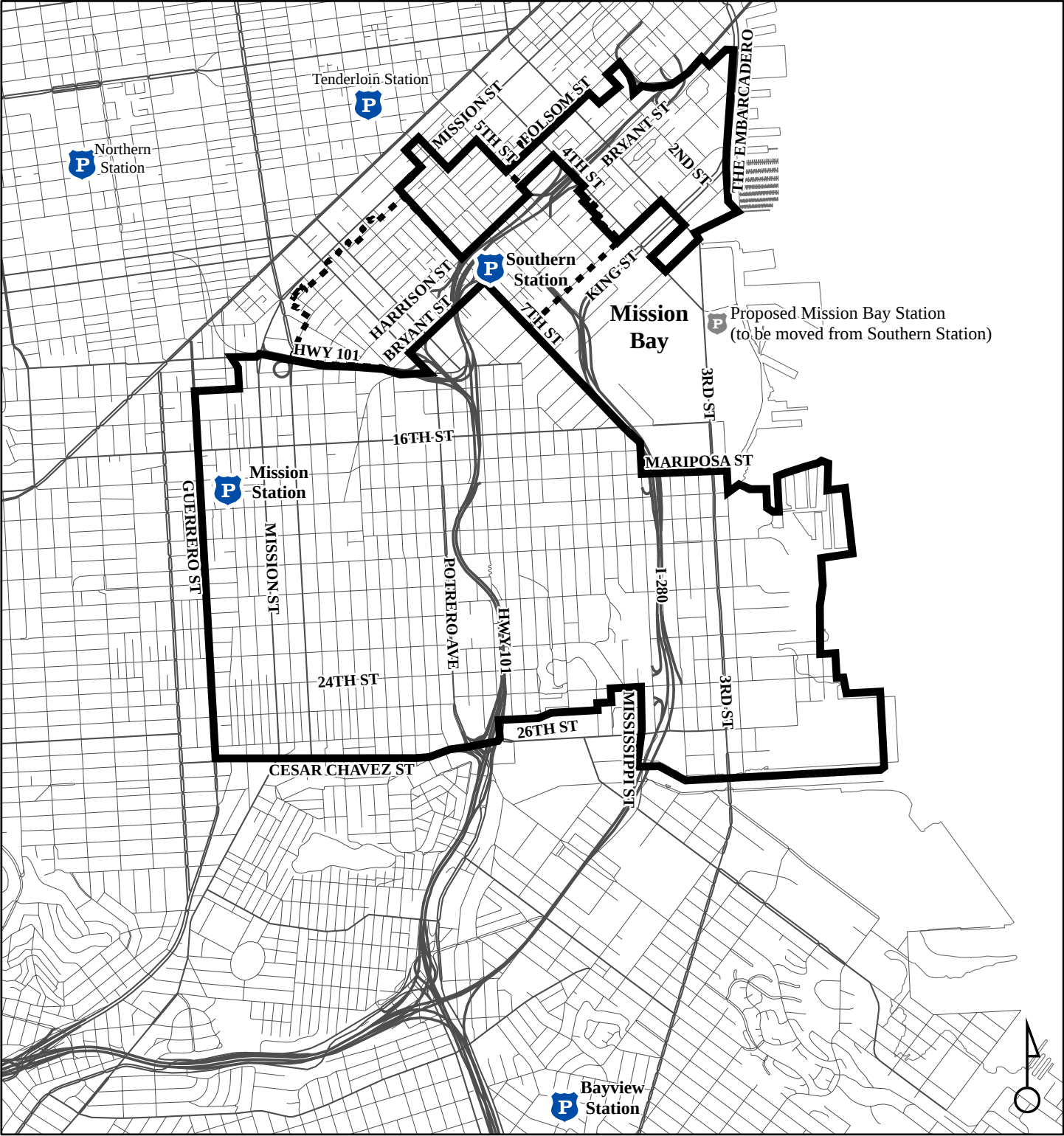
Table V-4
Current and Future Needs
Police Facilities and Equipment
San Francisco Eastern Neighborhoods

Analysis Categories	Need Factor	Existing Need (Surplus)	Growth in Need	Future Conditions Needed	Need Projection
Police (Facilities)	No standard need factor, no additional facilities anticipated to be needed	0 stations	Based on Geography	0 stations	0 stations
Police (Equipment)	0.77 squad cars/1,000 residents	N/A	14,477 residents	11.2 squad cars	11 squad cars

Source: San Francisco Planning Department, SFPD, Seifel Consulting Inc.

²¹ Based on interviews with the SFPD, May 2006.

Figure V-6
 Police Stations
 San Francisco Eastern Neighborhoods



Seifel
 CONSULTING INC.

4. Fire

General Plan factor: 1/2 mile service area; Fire Department factor: Based on response time

According to the Community Facilities Element of the City's General Plan, "In general, firehouses should be distributed throughout the city so that each firehouse has a primary service area extending within a radius of one-half mile." As shown in Figure V-7, the San Francisco Fire Department (SFFD) currently has 10 fire stations that serve the study area and an additional station planned in Mission Bay. While the Central Waterfront and the Mission are not entirely within a 1/2-mile service area, this does not necessarily indicate inadequate levels of service. The SFFD bases service standards on response time. The department's 300-second response time goal is currently being met in the study area.²² In addition, the SFFD does not anticipate a need for future stations to serve the Eastern Neighborhoods based on adequate response time. However, while a need does not exist at the neighborhood level, the SFFD has indicated a need may exist citywide when the comprehensive citywide system is considered. Similarly, the department does not indicate a need for new officers or firefighters in the Eastern Neighborhoods, but a need may exist when the citywide system is considered.

Table V-5
Current and Future Needs
Fire
San Francisco Eastern Neighborhoods

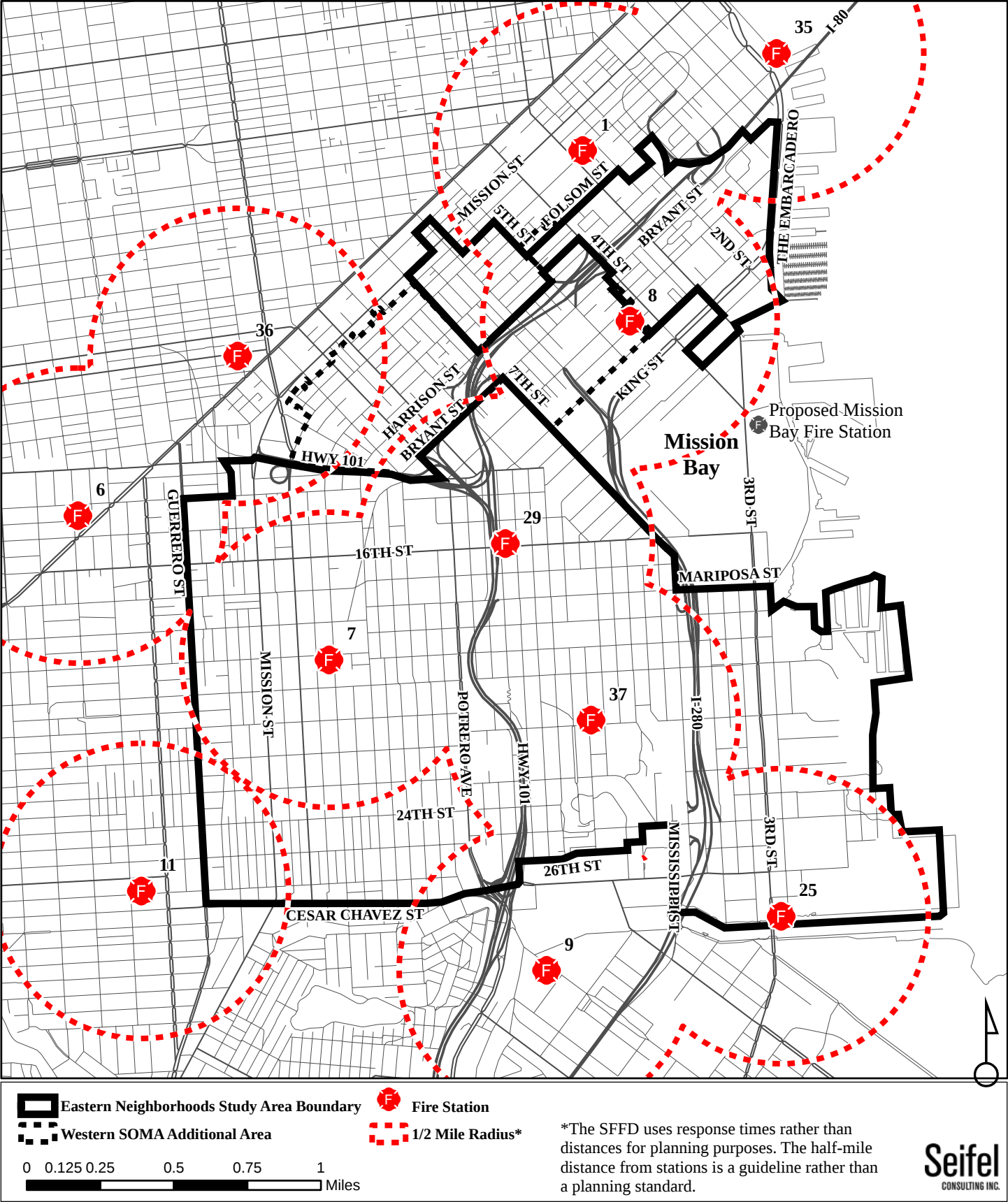
Analysis Categories	Need Factor	Existing Need (Surplus)	Growth in Need	Future Conditions Needed	Need Projection
Fire ^a	1/2 mile service area	0 stations	Based on response time	0 stations	0 stations

a. The City's General Plan states "In general, firehouses should be distributed throughout the city so that each firehouse has a primary service area extending within a radius of one-half mile." However, the San Francisco Fire Department relies on response times in order to determine service areas for fire stations.

Source: San Francisco Planning Department, SFFD, Seifel Consulting Inc.

²² Per a 2005 questionnaire of the SFFD by ESA.

Figure V-7
 Fire Stations
 San Francisco Eastern Neighborhoods



5. Health Care

Need factor: 0.057 centers/1,000 residents

Currently, the City has 24 public health clinics, four of which are located in the Eastern Neighborhoods.²³ The Department of Public Health (DPH) recommends a one-mile access to health care centers, and all of the Eastern Neighborhoods are within a one-mile radius of a public health center except for the eastern most edges of the Eastern SOMA and Central Waterfront neighborhoods (Figure V-8).²⁴

On a per capita basis, the Eastern Neighborhoods have more facilities than exist citywide, which is appropriate as public health centers primarily serve low-income residents and the Eastern Neighborhoods house a disproportionate share of the City's low-income residents. Seifel assumed that income distribution will remain relatively constant and that the current neighborhood service level of 0.057 centers per 1,000 residents would therefore be necessary to serve future residents. Given projected population growth in the Eastern Neighborhoods, additional facilities or expansion of existing facilities equivalent to 0.65 centers are needed.

6. Human Service Centers

Need factor: 0.043 centers/1,000 residents

Staff of the City's Human Service Agency acknowledge the difficulty in establishing a definition of human service centers. For the purposes of this report, the human service facilities include City funded "one-stop" centers that include employment and workforce development services, services for senior and adults with disability, and/or youth and family services.²⁵

Currently, the City has 45 human service centers, three of which are located in the Eastern Neighborhoods (Figure V-8). With projected population growth in the Eastern Neighborhoods, additional facilities or expansion of existing facilities equivalent to a 16 percent increase in capacity is needed to maintain the neighborhood level of service of 0.043 centers per 1,000 residents.²⁶ The Human Service Agency indicates a need for consolidation of existing service providers rather than construction of more facilities.

²³ Information about public health clinics located on the DPH website, <http://www.dph.sf.ca.us/chn/healthcenters.htm>.

²⁴ While the Central Waterfront does not currently have any public health centers, the current and future populations could be served by the Potrero Hill Health Center.

²⁵ Recreation centers for youth and seniors are analyzed in the Open Space and Parks - Facilities section. This analysis does not include cultural centers.

²⁶ While the Central Waterfront does not currently have any human service centers, the current and future populations could be served by the Potrero Hill Family Resource Center.

7. Cultural Facilities

Need factor: 0.014 centers/1,000 residents

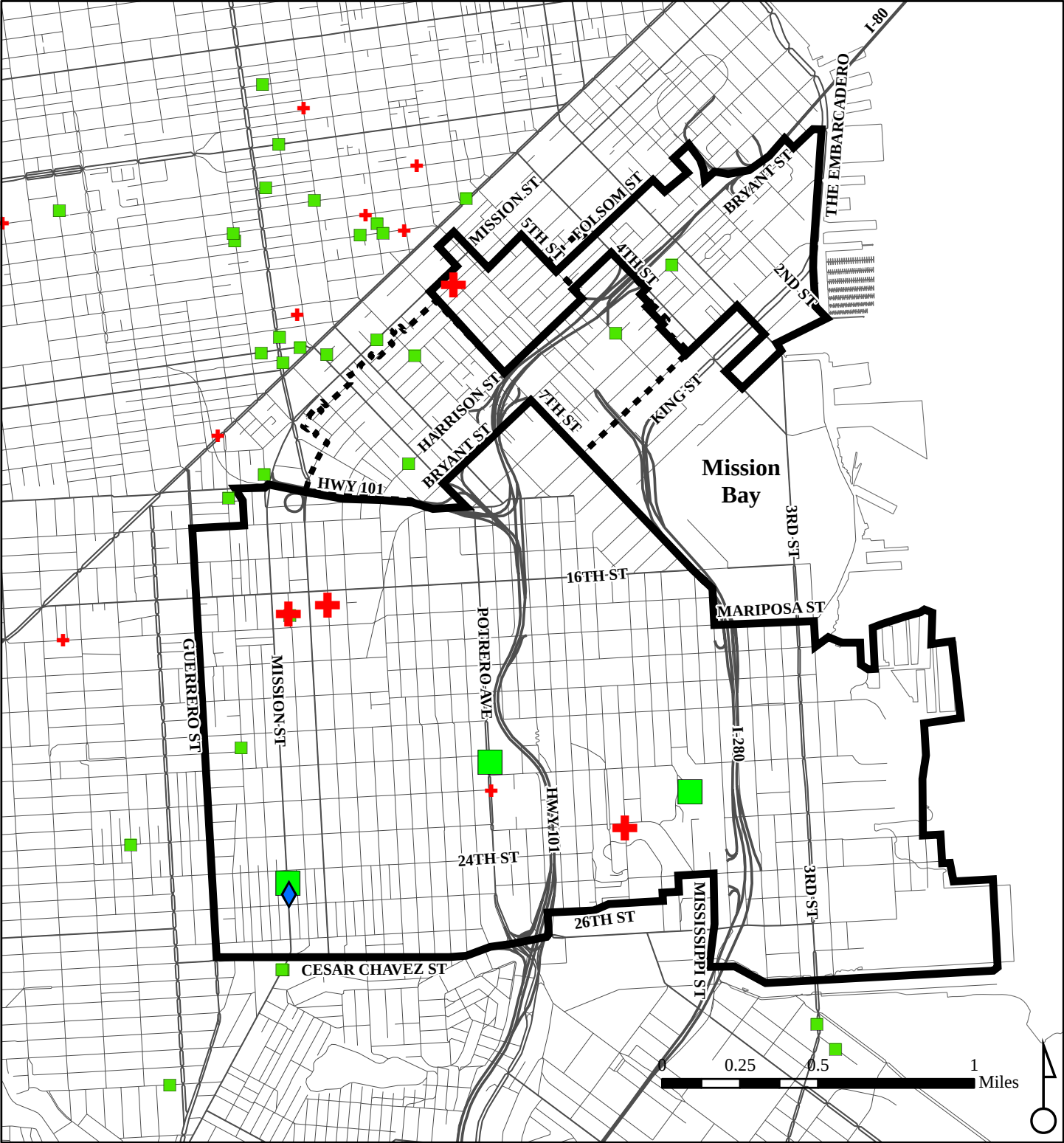
The City's Arts Commission currently maintains four city-owned cultural centers throughout the City, one of which is in the Eastern Neighborhoods (Figure V-8). The Mission Cultural Center operates at full capacity serving the current population. With projected population growth in the Eastern Neighborhoods, additional facilities or expansion of the Mission Cultural Center equivalent to a 16 percent increase in capacity is needed to maintain the level of facilities at the neighborhood level of service of 0.014 centers per 1,000 residents.

Table V-6
Current and Future Needs
Health Care, Human Services, and Cultural Center Facilities
San Francisco Eastern Neighborhoods

Analysis Categories	Need Factor	Existing Need (Surplus)	Growth in Need	Future Conditions Needed	Need Projection
Health Care	0.057 centers/1,000 residents	0.0 centers	14,477 residents	0.82 centers	0.65 centers
Human Service Agencies	0.043 centers/1,000 residents	(0.1) centers	14,477 residents	0.62 centers	0.49 centers
Cultural Centers	0.014 centers/1,000 residents	(0.0) centers	14,477 residents	0.21 centers	0.16 centers

Source: San Francisco Planning Department, DPH, HSA, SF Arts Commission, and Seifel Consulting Inc.

Figure V-8
 Neighborhood Community Facilities
 San Francisco Eastern Neighborhoods



	Health Centers in Needs Assessment		Human Service Centers in Needs Assessment
	Health Centers not in Needs Assessment		Human Service Centers not in Needs Assessment
	Mission Cultural Center		Eastern Neighborhoods Study Area Boundary



8. Child Care

Need factor: 52.7 spaces/1,000 residents, 22.4 spaces/1,000 workers

In order to assess current and future need, Seifel followed a methodology that accounts for the current and future needs of both residents and workers formulated in conjunction with the Planning Department, the Department of Children, Youth and Their Families (DCYF), and Brion Associates.²⁷

Resident need was calculated based on household population and share of that population that is an infant (0 to 24 months), pre-school age (2 to 5 years old) or school age (6 to 13 years old). The estimate of total children was then adjusted to account for children with working parents, children needing licensed child care, and those who were likely to seek that care from child care centers (as opposed to family care establishments).

Estimated need by workers was calculated based on jobs within each neighborhood. So as not to overstate demand by counting workers who are also residents, Seifel estimated the number of jobs held by workers living outside of the area (non-resident workers). Child care required by non-resident workers was then calculated based on the share of those workers who would require child care and the type of child care they would need.²⁸

Existing child care supply was determined by neighborhood using the San Francisco Child Care Information Management System.²⁹ The analysis determined an existing need of 3,472 licensed child care spaces in the Eastern Neighborhoods. New development is anticipated to increase that need by 975 spaces, for a total future need of 4,447 spaces, as illustrated in table V-7. For need by neighborhood and/or age group, see Appendix A.

²⁷ Brion & Associates is the firm currently consulting on child care for the Citywide Development Impact Fee Study.

²⁸ Sources and assumptions for child care analysis: **Population/Jobs**—US Census 2000 and Planning Department ‘Option B’ Projections for 2025. **Children as % of Population**—Based on estimated number of children by age categories for San Francisco from CA Department of Finance P-3 Report as analyzed by Brion & Associates, 2006. **Children with Working Parents**—Labor force participation rates for parents in families with two working parents or a single working parent from the 2000 Census. Rates vary by age, under 6 years and over 6 years. **Children Needing Licensed Care**—Many children with working parents are cared for by family members, nannies, friends, and unlicensed care. This analysis assumes that approximately 37% of infants, 100% of pre-school age children, and 66% of school age children need licensed child care. Assumptions are based on a detailed review of other child care studies performed by Brion & Associates and DCYF direction. **Non-Resident Workers**—Share of San Francisco jobs held by workers living outside of the City was used as a proxy for share of jobs held by workers living outside of the Eastern Neighborhoods. **Workers need for Child Care**—Assumes 5% of non-resident employees need child care and one space per employee. Also assumes that 25% of those spaces will be for infants and 75% for pre-school children. School age children are assumed to have care near their place of residence. These assumptions were made by Brion & Associates under DCYF direction.

²⁹ San Francisco Child Care Information Management System (www.sfccmap.com), a project of the Low Income Investment Fund and San Francisco State University’s Institute for Geographic Information Science, with collaboration from the City and County of San Francisco (September 2006). Seifel analyzed spaces in each neighborhood using a GIS file containing licensed child care centers from the SFCCIMS provided via the SF Department of Children, Youth and Their Families (DCYF).

**Table V-7
Current and Future Needs
Child Care Spaces
San Francisco Eastern Neighborhoods**

Analysis Categories	Need Factor	Existing Need (Surplus)	Growth in Need	Future Conditions Needed	Need Projection
Child Care ^a	52.7 spaces/1,000 residents; 22.4 spaces/1,000 workers	3,472 spaces	975 spaces	4,447 spaces	4,447 spaces
Infants (0 to 24 months)	3.3 spaces/1,000 residents; 5.6 spaces/1,000 workers	518 spaces	101 spaces	619 spaces	619 spaces
Pre-School (2 to 5 years)	19.2 spaces/1,000 residents; 16.8 spaces/1,000 workers	1,661 spaces	438 spaces	2,099 spaces	2,099 spaces
School Aged (6 to 13 years)	30.1 spaces/1,000 residents; 0 spaces/1,000 workers	1,293 spaces	436 spaces	1,729 spaces	1,729 spaces

a. Child care existing and projected demand methodology and assumptions developed by the SF Department of Children, Youth and Families and Brion & Associates. Uses residential and employment data from SF Planning Department and US Census. Supply data from the SF Child Care Information Management System .
Source: San Francisco Planning Department, Brion & Associates, Seifel Consulting Inc.

C. Neighborhood Serving Businesses

No standard need factors

While neighborhoods need businesses that provide retail and personal services to residents, no citywide standards for their provision currently exist. In addition, while community residents have indicated a need for additional neighborhood serving businesses in the Eastern Neighborhoods, the Planning Department does not have information on the current number and square footage of neighborhood serving businesses in the Eastern Neighborhoods.

Seifel estimated the Eastern Neighborhoods' future retail needs by modeling the spending habits of households earning the Eastern Neighborhoods' median income with data from the Bureau of Labor Statistic's 2003 Consumer Expenditure Survey.³⁰ See Table IV-2 for types of businesses included in the analysis. Supportable square feet for each retail type was calculated using the Urban Land Institute's 2004 Dollars and Cents of Shopping Centers estimates.³¹ Overall, the analysis indicates that future Eastern Neighborhoods residents will likely demand an additional 169,000 square feet of neighborhood serving retail.

Table V-8
Current and Future Needs
Neighborhood Serving Businesses
San Francisco Eastern Neighborhoods

Analysis Categories	Need Factor	Existing Need (Surplus)	Growth in Need	Future Conditions Needed	Need Projection
Drug Stores	1.3 SF/housing units	Anecdotal evidence of lack of neighborhood serving businesses.	7,385 housing units	9,748 SF	9,748 SF
Supermarkets	8.1 SF/housing units		7,385 housing units	60,040 SF	60,040 SF
Full Service Restaurants	5.8 SF/housing units		7,385 housing units	42,611 SF	42,611 SF
Limited Service Restaurants	4.0 SF/housing units		7,385 housing units	29,466 SF	29,466 SF
Personal Service	2.5 SF/housing units		7,385 housing units	18,093 SF	18,093 SF
Other Neighborhood Serving Retail	1.3 SF/housing units		7,385 housing units	9,231 SF	9,231 SF
TOTAL	22.9 SF/housing units		7,385 housing units	169,190 SF	169,190 SF

Source: San Francisco Planning Department, Bureau of Labor Statistics, ULI's 2004 Dollars and Cents of Shopping Centers, and Seifel Consulting Inc.

³⁰ While the median household income varies within the Eastern Neighborhoods, Seifel assumes the projected increase in population will have a substantial impact on neighborhood demographics. We assume that the median household income for the entire Eastern Neighborhoods combined is a more stable figure upon which to base future income projections. The median household income for the Eastern Neighborhoods, reported by Hausrath Economics Group on August 17, 2006, escalated to 2003 dollars, is \$54,282. The Bureau of Labor Statistic's Consumer Expenditure Survey, 2003 provides estimates of annual household spending by product type for household income ranging from \$50,000 to \$75,000. Seifel's Retail Model converts dollars spent by product type to dollars spent annually by retail store type using US Census Bureau Product Line data.

³¹ Seifel escalated the Department of Labor Statistic's Consumer Expenditure Survey results to 2004 dollars. Dollars and Cents estimates are the median sales volume per square foot of gross leasable space for Neighborhood Shopping Centers in the Western Region. According to the Urban Land Institute definition in *2004 Dollars and Cents of Shopping Centers*, Neighborhood Shopping Centers provide for the sale of convenience goods and personal services. Typically they are built around a supermarket as the principal tenant and contain a gross leasable area of approximately 60,000 square feet.

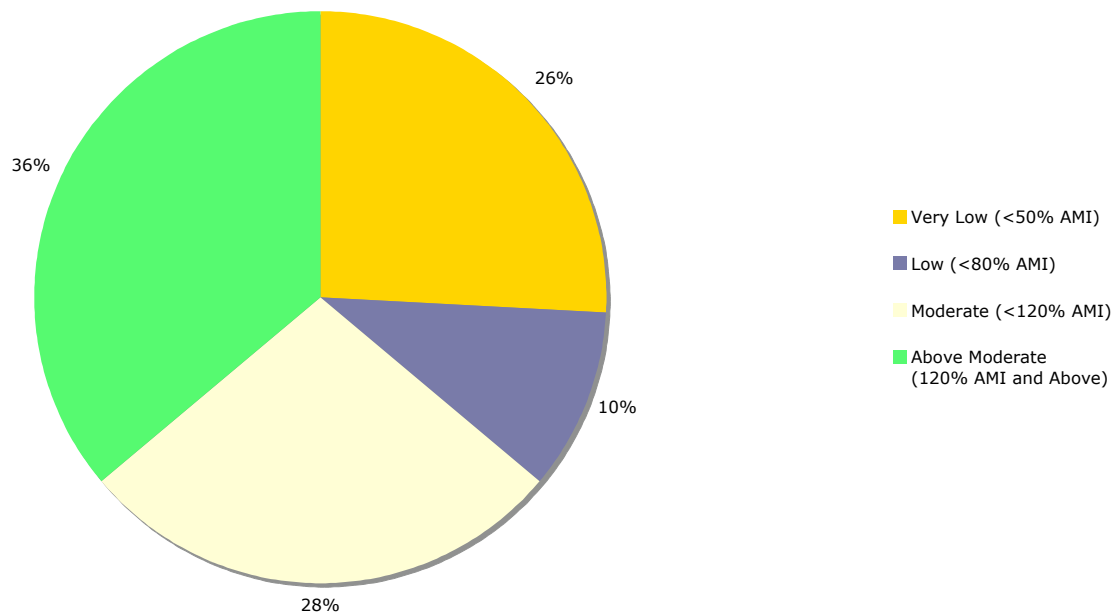
D. Housing

1. Affordable Housing Needs

Need factor: 26%, 10% and 28% of new production is affordable to very low, low and moderate income households

ABAG estimates that 64 percent of new housing production in San Francisco will need to be affordable to very low, low and moderate income households, as indicated in the Hausrath Socioeconomic Impact Analysis. Within the Eastern Neighborhoods, this translates to 1,901 units affordable to very low-income households, 771 to low-income households and 2,044 to moderate-income households, for a total of 4,716 of the 7,385 units anticipated.

**Figure V-9
Current and Future Needs
Affordable Housing
San Francisco Eastern Neighborhoods**



E. Transportation and Transit

No standard need factors

Due to the complexity of planning for transportation and transit needs, the calculation of future transportation needs is not feasible in a manner comparable to the analyses undertaken in this assessment. However, the Eastern Neighborhoods planning process has determined that the transit and transportation infrastructure that exists in these neighborhoods is already insufficient, and it is estimated that the population growth and development will increase need.

It is clear that land use change and new residential development in the Eastern Neighborhoods will require improvements to the existing transportation infrastructure. Industrial areas, historically focused on the movement of vehicles and trucks, are evolving to accommodate pedestrians, bicyclists and public transit. New traffic signals, transit service, and bicycle and pedestrian facilities are required to meet the transportation needs of new residents, visitors and employees in the Eastern Neighborhoods. While some needs have been identified at a broad level through the Eastern Neighborhoods planning process, and some improvements are being identified through planning efforts such as the San Francisco Municipal Transportation Agency's (SFMTA) Transit Effectiveness Project (TEP), further study is needed to identify the specific projects that will make up a comprehensive multi-modal transportation improvement program. In 2008, the SFMTA, San Francisco County Transportation Authority (SFCTA), and the Planning Department will commence the Eastern Neighborhoods Transportation Implementation Study to identify needed improvements.

VI. Conclusion

Based on current levels of service and projected growth in the Eastern Neighborhoods as estimated based on Zoning Option B Revised, future needs are projected for district/neighborhood/subneighborhood open space and maintenance, recreational facilities and maintenance, child care, police squad cars, elementary and middle school facilities, health care facilities, human service facilities, cultural center expansion, library funding, neighborhood serving retail, affordable housing, and transportation and transit.

Appendix A: Needs Tables

Table A-1
Current and Future Need (2025 - Option B Revised)
San Francisco Eastern Neighborhoods

Analysis Categories	Need Factor	Existing Condition*	Current Demand/Need	Existing Need (Surplus)	Growth in Need	Future Conditions Needed	Net Future Conditions Needed (Surplus)	Need Projection
Open Space & Parks - Citywide ^b	4.5 acres/1,000 residents	4,772 acres	756,967 residents	(1,366) acres	14,477 residents	65.1 acres	(1,301) acres	0.0 acres
Open Space & Parks - District, Neighborhood & Subneighborhood (Operating Costs)	1.0 acres/1,000 residents	50.4 acres	Based on Geography	See Figure V-1	14,477 residents	14.5 acres	N/A	14.5 acres
Recreational Facilities	7.835 \$/acre	Average maintenance rating of 85% but cannot cost out deficiencies			14.5 acres	\$ 89,322 annual labor cost	N/A	\$ 89,322 annual labor cost
Recreation Facilities (Operating Costs)	21.58 SF/resident	1,054,916 SF	67,204 residents	395,346 SF	14,477 residents	312,414 SF	707,760 SF	707,760 SF
Education (Schools) ^f	0.254 \$/SF	N/A	N/A	N/A	312,414 SF	\$ 79,325 annual labor cost	N/A	\$ 79,325 annual labor cost
High School (9-12)	0.317 students/housing unit	7,275 student capacity	N/A	(3,167) student capacity	7,385 housing units	2,341 students	(826) students	N/A
Middle School (6-8)	0.102 students/housing unit	2,050 student capacity	N/A	(982) student capacity	7,385 housing units	753 students	(229) students	N/A
Elementary School (K-5)	0.069 students/housing unit	1,025 student capacity	N/A	(443) student capacity	7,385 housing units	510 students	67 students	N/A
High School (9-12)	0.146 students/housing unit	4,200 student capacity	N/A	(1,742) student capacity	7,385 housing units	1,078 students	(664) students	N/A
Middle School (6-8)	1.611 students/school	3 schools	N/A	(0.61) schools	753 students	0.47 schools	(0.14) schools	0 schools
Elementary School (K-5)	1,389 students/school	2 schools	N/A	(0.32) schools	510 students	0.37 schools	0.05 schools	* schools
Public Libraries (Facilities)	656 students/school	8 schools	N/A	(2.66) schools	1,078 students	1.64 schools	(1.01) schools	0 schools
Public Libraries (Materials)	No standard need factor; no additional facilities anticipated to be needed	5 libraries	Based on Geography	0 libraries	Based on Geography	0 libraries	0 libraries	0 libraries
Police (Facilities)	\$ 74 fee/resident	N/A	67,204 residents	N/A	14,477 residents	\$ 1,066,342 total fees	N/A	\$ 74 fee/resident
Police (Equipment)	No standard need factor; no additional facilities anticipated to be needed	3 stations	Based on Geography	0 stations	Based on Geography	0 stations	0 stations	0 stations
Fire ^d	0.77 squad cars/1,000 residents	Data unavailable	67,204 residents	N/A	14,477 residents	11.2 squad cars	N/A	11 squad cars
Health Care	1/2 mile service area	11 stations	Based on response time	0 stations	Based on response time	0 stations	0 stations	0 stations
Human Service Agencies	0.057 centers/1,000 residents	4 centers	67,204 residents	0.0 centers	14,477 residents	0.82 centers	0.65 centers	0.65 centers
Cultural Facilities	0.043 centers/1,000 residents	3 centers	67,204 residents	(0.1) centers	14,477 residents	0.62 centers	0.49 centers	0.49 centers
Child Care ^e	0.014 centers/1,000 residents	1 centers	67,204 residents	(0.0) centers	14,477 residents	0.21 centers	0.16 centers	0.16 centers
Infants (0 to 24 months)	52.7 spaces/1,000 residents; 22.4 spaces/1,000 workers	1,785 spaces	5,257 spaces	3,472 spaces	975 spaces	4,447 spaces	N/A	4,447 spaces
Pre-School (2 to 5 years)	3.3 spaces/1,000 residents; 5.6 spaces/1,000 workers	218 spaces	736 spaces	518 spaces	101 spaces	619 spaces	N/A	619 spaces
School Aged (6 to 13 years)	19.2 spaces/1,000 residents; 16.8 spaces/1,000 workers	1,147 spaces	2,808 spaces	1,661 spaces	438 spaces	2,099 spaces	N/A	2,099 spaces
Drug Stores	30.1 spaces/1,000 residents; 0 spaces/1,000 workers	420 spaces	1,713 spaces	1,293 spaces	436 spaces	1,729 spaces	N/A	1,729 spaces
Supermarkets	1.3 SF/housing units	Anecdotal evidence of lack of neighborhood serving businesses.			7,385 housing units	9,748 SF	N/A	9,748 SF
Full Service Restaurants	8.1 SF/housing units	Anecdotal evidence of lack of neighborhood serving businesses.			7,385 housing units	60,040 SF	N/A	60,040 SF
Limited Service Restaurants	5.8 SF/housing units	Anecdotal evidence of lack of neighborhood serving businesses.			7,385 housing units	42,611 SF	N/A	42,611 SF
Personal Service	4.0 SF/housing units	Anecdotal evidence of lack of neighborhood serving businesses.			7,385 housing units	29,466 SF	N/A	29,466 SF
Other Neighborhood Serving Retail	2.5 SF/housing units	Anecdotal evidence of lack of neighborhood serving businesses.			7,385 housing units	18,093 SF	N/A	18,093 SF
Affordable housing needs	1.3 SF/housing units	Anecdotal evidence of lack of neighborhood serving businesses.			7,385 housing units	9,231 SF	N/A	9,231 SF
	0.64 affordable units/total units	N/A	25,464 total units	N/A	7,385 total units	4,716 affordable units	N/A	4,716 affordable units

a. Existing conditions for libraries, police stations and fire stations are counted within the subareas by service area. Some facilities service more than one subarea, however, they are not counted multiple times in this total.

b. The existing city-wide open space condition refers to all areas of this size across the city, not only in the Eastern Neighborhoods.

c. Based on citywide and affordable housing student generation rates from Demographic Analyses and Enrollment Forecasts (DAEF), San Francisco Unified School District (SFUSD), July 2002. Assumes ratio of elementary to middle to high school students is consistent with existing and projected proportions in the DAEF and that 25% of new SF Eastern units are affordable. Design capacity for elementary and high schools from SFUSD's 2005 School Fee Justification Study and estimated for middle schools based on elementary school capacity, adjusted for the years spent in middle school and the relative number of middle schools in SFUSD.

d. The City's General Plan states "In general, firehouses should be distributed throughout the city so that each firehouse has a primary service area extending within a radius of one-half mile." However, the San Francisco Fire Department relies on response times in order to determine service areas for fire stations.

e. Current response times meet SFPD standards.

f. Child care existing and projected demand methodology and assumptions developed by the SF Department of Children, Youth and Families and Bron & Associates. Uses residential and employment data from SF Planning Department and US Census. Supply data from the SF Child Care Information Management System.

*Seifel recommends that a middle school be considered for the Eastern SOMA, Showplace Square/Potrero Hill, and/or Central Waterfront Neighborhoods.

Source: San Francisco Planning Department, Environmental Science Associates, Seifel Consulting Inc.

Table A-2
Current and Future Need (2025 - Option B Revised)
Mission Neighborhood

Analysis Categories	Need Factor	Existing Condition	Current Demand/Need	Existing Need (Surplus)	Growth in Need	Future Conditions Needed	Net Future Conditions Needed (Surplus)	Need Projection
Open Space & Parks - Citywide ^a	4.5 acres/1,000 residents	4,772 acres	756,967 residents	(1,366) acres	4,301 residents	19.4 acres	(1,346) acres	0.0 acres
Open Space & Parks - District, Neighborhood & Subneighborhood	1.0 acres/1,000 residents	17.0 acres	Based on Geography	See Figure V-1	4,301 residents	4.3 acres	N/A	4.3 acres
Open Space & Parks (Operating Costs)	6170 \$/acre	Average maintenance rating of 85% but cannot cost out deficiencies			4.3 acres	\$ 26,337 annual labor cost	N/A	\$ 26,337 annual labor cost
Recreational Facilities	21.58 SF/resident	385,683 SF	41,788 residents	516,102 SF	4,301 residents	92,816 SF	608,918 SF	608,918 SF
Recreation Facilities (Operating Costs)	0.254 \$/SF	N/A	N/A	N/A	92,816 SF	\$ 23,567 annual labor cost	N/A	\$ 23,567 annual labor cost
Education (Schools) ^b	0.317 students/housing unit	4,025 student capacity	N/A	(1,611) student capacity	1,118 housing units	354 students	(1,257) students	N/A
High School (9-12)	0.102 students/housing unit	1,225 student capacity	N/A	(482) student capacity	1,118 housing units	114 students	(368) students	N/A
Middle School (6-8)	0.069 students/housing unit	825 student capacity	N/A	(392) student capacity	1,118 housing units	77 students	(315) students	N/A
Elementary School (K-5)	0.146 students/housing unit	1,975 student capacity	N/A	(737) student capacity	1,118 housing units	163 students	(574) students	N/A
High School (9-12)	1.611 students/school	1 schools ^c	N/A	(0.30) schools	114 students	0.07 schools	(0.23) schools	0 schools
Middle School (6-8)	1.389 students/school	1 schools	N/A	(0.28) schools	77 students	0.06 schools	(0.23) schools	0 schools
Elementary School (K-5)	656 students/school	4 schools	N/A	(1.12) schools	163 students	0.25 schools	(0.87) schools	0 schools
Public Libraries (Facilities)	No standard need factor, no additional facilities anticipated to be needed	3 libraries	Based on Geography	0 libraries	Based on Geography	0 libraries	0 libraries	0 libraries
Public Libraries (Materials)	\$ 74 fee/resident	N/A	41,788 residents	N/A	4,301 residents	\$ 316,802 total fees	N/A	\$ 74 fee/resident
Police (Facilities)	No standard need factor, no additional facilities anticipated to be needed	1 stations	Based on Geography	0 stations	Based on Geography	0 stations	0 stations	0 stations
Police (Equipment)	0.77 squad cars/1,000 residents	Data unavailable	41,788 residents	N/A	4,301 residents	3.3 squad cars	N/A	3 squad cars
Fire ^d	1/2 mile service area	7 stations	Based on response time	0 stations	Based on response time	0 stations	0 stations	0 stations
Health Care	0.057 centers/1,000 residents	2 centers	41,788 residents	0.4 centers	4,301 residents	0.24 centers	0.6 centers	0.6 centers
Human Service Agencies	0.043 centers/1,000 residents	2 centers	41,788 residents	(0.2) centers	4,301 residents	0.18 centers	(0.0) centers	(0.0) centers
Cultural Centers	0.014 centers/1,000 residents	1 centers	41,788 residents	(0.4) centers	4,301 residents	0.06 centers	(0.3) centers	(0.3) centers
Child Care ^e	52.7 spaces/1,000 residents; 22.4 spaces/1,000 workers	1,392 spaces	2,774 spaces	1,382 spaces	273 spaces	1,655 spaces	N/A	1,655 spaces
Infants (0 to 24 months)	3.3 spaces/1,000 residents; 5.6 spaces/1,000 workers	189 spaces	334 spaces	145 spaces	26 spaces	171 spaces	N/A	171 spaces
Pre-School (2 to 5 years)	19.2 spaces/1,000 residents; 16.8 spaces/1,000 workers	887 spaces	1,375 spaces	488 spaces	117 spaces	605 spaces	N/A	605 spaces
School Aged (6 to 13 years)	30.1 spaces/1,000 residents; 0 spaces/1,000 workers	316 spaces	1,065 spaces	749 spaces	130 spaces	879 space	N/A	879 space
Drug Stores	1.3 SF/housing units	Anecdotal evidence of lack of neighborhood serving businesses.			1,118 housing units	1,476 SF	N/A	1,476 SF
Supermarkets	8.1 SF/housing units	Anecdotal evidence of lack of neighborhood serving businesses.			1,118 housing units	9,089 SF	N/A	9,089 SF
Full Service Restaurants	5.8 SF/housing units	Anecdotal evidence of lack of neighborhood serving businesses.			1,118 housing units	6,451 SF	N/A	6,451 SF
Limited Service Restaurants	4.0 SF/housing units	Anecdotal evidence of lack of neighborhood serving businesses.			1,118 housing units	4,461 SF	N/A	4,461 SF
Personal Service	2.5 SF/housing units	Anecdotal evidence of lack of neighborhood serving businesses.			1,118 housing units	2,739 SF	N/A	2,739 SF
Other Neighborhood Serving Retail	1.3 SF/housing units	Anecdotal evidence of lack of neighborhood serving businesses.			1,118 housing units	1,398 SF	N/A	1,398 SF
Affordable housing needs	0.64 affordable units/total units	N/A	13,309 total units	N/A	1,118 total units	714 affordable units	N/A	714 affordable units

a. The existing city-wide open space condition refers to all areas of this size across the city, not only in the Eastern Neighborhoods.

b. Based on citywide and affordable housing student generation rates from Demographic Analyses and Enrollment Forecasts (DAEF), San Francisco Unified School District (SFUSD), July 2002. Assumes ratio of elementary to middle to high school students is consistent with existing and projected proportions in the DAEF and that 25% of new SF Eastern units are affordable. Design capacity for elementary and high schools from SFUSD's 2005 School Fee Justification Study and estimated for middle schools based on elementary school capacity, adjusted for the years spent in middle school and the relative number of middle schools in SFUSD.

c. The analysis does not include Downtown High School, as this facility is scheduled to relocate within the 2006/2007 school year.

d. The City's General Plan states "In general, firehouses should be distributed throughout the city so that each firehouse has a primary service area extending within a radius of one-half mile." However, the San Francisco Fire Department relies on response times in order to determine service areas for fire stations.

e. Current response times meet SFPD standards.

f. Child care existing and projected demand methodology and assumptions developed by the SF Department of Children, Youth and Families and Brion & Associates. Uses residential and employment data from SF Planning Department and US Census. Supply data from the SF Child Care Information Management System.

Source: San Francisco Planning Department, Environmental Science Associates, Seifert Consulting Inc.

Table A-3
Current and Future Need (2025 - Option B Revised)
Showplace Square / Potrero Hill Neighborhood

Analysis Categories	Need Factor	Existing Condition	Current Demand/Need	Existing Need (Surplus)	Growth in Need	Future Conditions Needed	Net Future Conditions Needed (Surplus)	Need Projection
Open Space & Parks - Citywide ^a	4.5 acres/1,000 residents	4,772 acres	756,967 residents	(1,366) acres	4,049 residents	18.2 acres	(1,347) acres	0.0 acres
Open Space & Parks - District, Neighborhood & Subneighborhood	1.0 acres/1,000 residents	18.3 acres	Based on Geography	See Figure V-1	4,049 residents	4.0 acres	N/A	4.0 acres
Open Space & Parks (Operating Costs)	6170 \$/acre	Average maintenance rating of 85% but cannot cost out deficiencies			4.0 acres	\$ 24,982 annual labor cost	N/A	\$ 24,982 annual labor cost
Recreational Facilities	21.58 SF/resident	574,940 SF	13,501 residents	(283,589) SF	4,049 residents	87,377 SF	(196,211) SF	0 SF
Recreation Facilities (Operating Costs)	0.254 \$/SF	N/A	N/A	N/A	87,377 SF	\$ 22,186 annual labor cost	N/A	\$ 22,186 annual labor cost
Education (Schools)	0.317 students/housing unit	2,500 student capacity	N/A	(1,380) student capacity	2,635 housing units	835 students	(545) students	N/A
High School (9-12)	0.102 students/housing unit	825 student capacity	N/A	(500) student capacity	2,635 housing units	269 students	(231) students	N/A
Middle School (6-8)	0.069 students/housing unit	0 student capacity	N/A	0 student capacity	2,635 housing units	182 students	182 students	N/A
Elementary School (K-5)	0.146 students/housing unit	1,675 student capacity	N/A	(880) student capacity	2,635 housing units	385 students	(495) students	N/A
High School (9-12)	1.611 students/school	2 schools ^c	N/A	(0.31) schools	269 students	0.17 schools	(0.14) schools	0 schools
Middle School (6-8)	1.389 students/school	0 schools	N/A	0.00 schools	182 students	0.13 schools	0.13 schools	* schools
Elementary School (K-5)	656 students/school	3 schools	N/A	(1.34) schools	385 students	0.59 schools	(0.76) schools	0 schools
Public Libraries (Facilities)	No standard need factor, no additional facilities anticipated to be needed	2 libraries	Based on Geography	0 libraries	Based on Geography	0 libraries	0 libraries	0 libraries
Public Libraries (Materials)	\$ 74 fee/resident	N/A	13,501 residents	N/A	4,049 residents	\$ 298,240 total fees	N/A	\$ 74 fee/resident
Police (Facilities)	No standard need factor, no additional facilities anticipated to be needed	3 stations	Based on Geography	0 stations	Based on Geography	0 stations	0 stations	0 stations
Police (Equipment)	0.77 squad cars/1,000 residents	Data unavailable	13,501 residents	N/A	4,049 residents	3.1 squad cars	N/A	3 squad cars
Fire ^d	1/2 mile service area	6 stations	Based on response time	0 stations	Based on response time	0 stations	0 stations	0 stations
Health Care	0.057 centers/1,000 residents	1 centers	13,501 residents	(0.2) centers	4,049 residents	0.23 centers	(0.0) centers	(0.0) centers
Human Service Agencies	0.043 centers/1,000 residents	1 centers	13,501 residents	(0.4) centers	4,049 residents	0.17 centers	(0.3) centers	(0.3) centers
Cultural Centers	0.014 centers/1,000 residents	0 centers	13,501 residents	0.2 centers	4,049 residents	0.06 centers	0.2 centers	0.2 centers
Child Care ^e	52.7 spaces/1,000 residents; 22.4 spaces/1,000 workers	281 spaces	1,194 spaces	913 spaces	299 spaces	1,211 spaces	N/A	1,211 spaces
Infants (0 to 24 months)	3.3 spaces/1,000 residents; 5.6 spaces/1,000 workers	25 spaces	182 spaces	157 spaces	35 spaces	192 spaces	N/A	192 spaces
Pre-School (2 to 5 years)	19.2 spaces/1,000 residents; 16.8 spaces/1,000 workers	156 spaces	667 spaces	511 spaces	142 spaces	653 spaces	N/A	653 spaces
School Aged (6 to 13 years)	30.1 spaces/1,000 residents; 0 spaces/1,000 workers	100 spaces	344 spaces	244 spaces	122 spaces	366 spaces	N/A	366 spaces
Drug Stores	1.3 SF/housing units	Anecdotal evidence of lack of neighborhood serving businesses.			2,635 housing units	3,478 SF	N/A	3,478 SF
Supermarkets	8.1 SF/housing units	Anecdotal evidence of lack of neighborhood serving businesses.			2,635 housing units	21,423 SF	N/A	21,423 SF
Full Service Restaurants	5.8 SF/housing units	Anecdotal evidence of lack of neighborhood serving businesses.			2,635 housing units	15,204 SF	N/A	15,204 SF
Limited Service Restaurants	4.0 SF/housing units	Anecdotal evidence of lack of neighborhood serving businesses.			2,635 housing units	10,514 SF	N/A	10,514 SF
Personal Service	2.5 SF/housing units	Anecdotal evidence of lack of neighborhood serving businesses.			2,635 housing units	6,456 SF	N/A	6,456 SF
Other Neighborhood Serving Retail	1.3 SF/housing units	Anecdotal evidence of lack of neighborhood serving businesses.			2,635 housing units	3,294 SF	N/A	3,294 SF
Affordable housing needs	0.64 affordable units/total units	N/A	5,539 total units	N/A	2,635 total units	1,683 affordable units	N/A	1,683 affordable units

a. The existing city-wide open space condition refers to all areas of this size across the city, not only in the Eastern Neighborhoods.

b. Based on citywide and affordable housing student generation rates from Demographic Analyses and Enrollment Forecasts (DAEP), San Francisco Unified School District (SFUSD), July 2002. Assumes ratio of elementary to middle to high school students is consistent with existing and projected proportions in the DAEF and that 25% of new SF Eastern units are affordable. Design capacity for elementary and high schools from SFUSD's 2005 School Fee Justification Study and estimated for middle schools based on elementary school capacity, adjusted for the years spent in middle school and the relative number of middle schools in SFUSD.

c. Includes Downtown High School, although as it is an alternative format school, capacity and current enrollment are not included in calculations of existing surplus/deficit.

d. The City's General Plan states "In general, firehouses should be distributed throughout the city so that each firehouse has a primary service area extending within a radius of one-half mile." However, the San Francisco Fire Department relies on response times in order to determine service areas for fire stations.

Current response times meet SFDP standards.

e. Child care existing and projected demand methodology and assumptions developed by the SF Department of Children, Youth and Families and Brion & Associates. Uses residential and employment data from SF Planning Department and US Census. Supply data from the SF Child Care Information Management System.

Source: San Francisco Planning Department, Environmental Science Associates, Seifert Consulting Inc.

Table A-4
Current and Future Need (2025 - Option B Revised)
Eastern SOMA Neighborhood

Analysis Categories	Need Factor	Existing Condition	Current Demand/Need	Existing Need (Surplus)	Growth in Need	Future Conditions Needed	Net Future Conditions Needed (Surplus)	Need Projection
Open Space & Parks - Citywide ^a	4.5 acres/1,000 residents	4,772 acres	756,967 residents	(1,366) acres	4,199 residents	18.9 acres	(1,347) acres	0.0 acres
Open Space & Parks - District, Neighborhood & Subneighborhood	1.0 acres/1,000 residents	12.3 acres	Based on Geography	See Figure V-1	4,199 residents	4.2 acres	N/A	4.2 acres
Open Space & Parks (Operating Costs)	6170 \$/acre	Average maintenance rating of 80% but cannot cost out deficiencies			4.2 acres	\$ 25,908 annual labor cost	N/A	\$ 25,908 annual labor cost
Recreational Facilities	21.58 SF/resident	94,293 SF	10,211 residents	126,060 SF	4,199 residents	90,614 SF	216,675 SF	216,675 SF
Recreation Facilities (Operating Costs)	0.254 \$/SF	N/A	N/A	N/A	90,614 SF	\$ 23,008 annual labor cost	N/A	\$ 23,008 annual labor cost
Education (Schools) ^b	0.317 students/housing unit	750 student capacity	N/A	(176) student capacity	2,508 housing units	795 students	619 students	N/A
High School (9-12)	0.102 students/housing unit	0 student capacity	N/A	0 student capacity	2,508 housing units	256 students	256 students	N/A
Middle School (6-8)	0.069 students/housing unit	200 student capacity	N/A	(51) student capacity	2,508 housing units	173 students	122 students	N/A
Elementary School (K-5)	0.146 students/housing unit	550 student capacity	N/A	(125) student capacity	2,508 housing units	366 students	241 students	N/A
High School (9-12)	1.611 students/school	0 schools	N/A	0.00 schools	256 students	0.16 schools	0.16 schools	0 schools
Middle School (6-8)	1.389 students/school	1 schools	N/A	(0.04) schools	173 students	0.12 schools	0.09 schools	* schools
Elementary School (K-5)	656 students/school	1 schools	N/A	(0.19) schools	366 students	0.56 schools	0.37 schools	0 schools
Public Libraries (Facilities)	No standard need factor, no additional facilities anticipated to be needed	2 libraries	Based on Geography	0 libraries	Based on Geography	0 libraries	0 libraries	0 libraries
Public Libraries (Materials)	\$ 74 fee/resident	N/A	10,211 residents	N/A	4,199 residents	\$ 309,288 total fees	N/A	\$ 74 fee/resident
Police (Facilities)	No standard need factor, no additional facilities anticipated to be needed	1 stations	Based on Geography	0 stations	Based on Geography	0 stations	0 stations	0 stations
Police (Equipment)	0.77 squad cars/1,000 residents	Data unavailable	10,211 residents	N/A	4,199 residents	3.2 squad cars	N/A	3 squad cars
Fire ^c	1/2 mile service area	3 stations	Based on response time	0 stations	Based on response time	0 stations	0 stations	0 stations
Health Care	0.057 centers/1,000 residents	1 centers	10,211 residents	(0.4) centers	4,199 residents	0.24 centers	(0.2) centers	(0.2) centers
Human Service Agencies	0.043 centers/1,000 residents	0 centers	10,211 residents	0.4 centers	4,199 residents	0.18 centers	0.6 centers	0.6 centers
Cultural Centers	0.014 centers/1,000 residents	0 centers	10,211 residents	0.1 centers	4,199 residents	0.06 centers	0.2 centers	0.2 centers
Child Care ^d	52.7 spaces/1,000 residents; 22.4 spaces/1,000 workers	112 spaces	945 spaces	833 spaces	292 spaces	1,125 spaces	N/A	1,125 spaces
Infants (0 to 24 months)	3.3 spaces/1,000 residents; 5.6 spaces/1,000 workers	4 spaces	149 spaces	145 spaces	32 spaces	176 spaces	N/A	176 spaces
Pre-School (2 to 5 years)	19.2 spaces/1,000 residents; 16.8 spaces/1,000 workers	104 spaces	537 spaces	433 spaces	134 spaces	567 spaces	N/A	567 spaces
School Aged (6 to 13 years)	30.1 spaces/1,000 residents; 0 spaces/1,000 workers	4 spaces	260 spaces	256 spaces	126 spaces	383 spaces	N/A	383 spaces
Drug Stores	1.3 SF/housing units	Anecdotal evidence of lack of neighborhood serving businesses.			2,508 housing units	3,311 SF	N/A	3,311 SF
Supermarkets	8.1 SF/housing units	Anecdotal evidence of lack of neighborhood serving businesses.			2,508 housing units	20,390 SF	N/A	20,390 SF
Full Service Restaurants	5.8 SF/housing units	Anecdotal evidence of lack of neighborhood serving businesses.			2,508 housing units	14,471 SF	N/A	14,471 SF
Limited Service Restaurants	4.0 SF/housing units	Anecdotal evidence of lack of neighborhood serving businesses.			2,508 housing units	10,007 SF	N/A	10,007 SF
Personal Service	2.5 SF/housing units	Anecdotal evidence of lack of neighborhood serving businesses.			2,508 housing units	6,145 SF	N/A	6,145 SF
Other Neighborhood Serving Retail	1.3 SF/housing units	Anecdotal evidence of lack of neighborhood serving businesses.			2,508 housing units	3,135 SF	N/A	3,135 SF
Affordable housing needs	0.64 affordable units/total units	N/A	5,818 total units	N/A	2,508 total units	1,602 affordable units	N/A	1,602 affordable units

a. The existing city-wide open space condition refers to all areas of this size across the city, not only in the Eastern Neighborhoods.

b. Based on citywide and affordable housing student generation rates from Demographic Analyses and Enrollment Forecasts (DAEF), San Francisco Unified School District (SFUSD), July 2002. Assumes ratio of elementary to middle to high school students is consistent with existing and projected proportions in the DAEF and that 25% of new SF Eastern units are affordable. Design capacity for elementary and high schools from SFUSD's 2005 School Fee Justification Study and estimated for middle schools based on elementary school capacity, adjusted for the years spent in middle school and the relative number of middle schools in SFUSD.

c. The City's General Plan states "In general, firehouses should be distributed throughout the city so that each firehouse has a primary service area extending within a radius of one-half mile." However, the San Francisco Fire Department relies on response times in order to determine service areas for fire stations.

d. Current response times meet SFPD standards.

e. Child care existing and projected demand methodology and assumptions developed by the SF Department of Children, Youth and Families and Brion & Associates. Uses residential and employment data from SF Planning Department and US Census. Supply data from the SF Child Care Information Management System.

*Serifel recommends that a middle school be considered for the Eastern SOMA, Showplace Square/Potrero Hill, and/or Central Waterfront Neighborhoods.

Source: San Francisco Planning Department, Environmental Science Associates, Serifel Consulting Inc.

Table A-5
Current and Future Need (2025 - Option B Revised)
Central Waterfront Neighborhood

Analysis Categories	Need Factor	Existing Condition	Current Demand/Need	Existing Need (Surplus)	Growth in Need	Future Conditions Needed	Net Future Conditions Needed (Surplus)	Need Projection
Open Space & Parks - Citywide ^a	4.5 acres/1,000 residents	4,772 acres	756,967 residents	(1,366) acres	1,928 residents	8.7 acres	(1,357) acres	0.0 acres
Open Space & Parks - District, Neighborhood & Subneighborhood	1.0 acres/1,000 residents	2.8 acres	Based on Geography	See Figure V-1	1,928 residents	1.9 acres	N/A	1.9 acres
Open Space & Parks (Operating Costs)	6170 \$/acre	Average maintenance rating of 88% but cannot cost out deficiencies			1.9 acres	\$ 11,896 annual labor cost	N/A	\$ 11,896 annual labor cost
Recreation Facilities	21.58 SF/resident	0 SF	1,704 residents	36,772 SF	1,928 residents	41,606 SF	78,379 SF	78,379 SF
Recreation Facilities (Operating Costs)	0.254 \$/SF	N/A	N/A	N/A	41,606 SF	\$ 10,564 annual labor cost	N/A	\$ 10,564 annual labor cost
Education (Schools) ^b	0.317 students/housing unit	0 student capacity	N/A	0 student capacity	1,124 housing units	356 students	356 students	N/A
High School (9-12)	0.102 students/housing unit	0 student capacity	N/A	0 student capacity	1,124 housing units	115 students	115 students	N/A
Middle School (6-8)	0.069 students/housing unit	0 student capacity	N/A	0 student capacity	1,124 housing units	78 students	78 students	N/A
Elementary School (K-5)	0.146 students/housing unit	0 student capacity	N/A	0 student capacity	1,124 housing units	164 students	164 students	N/A
High School (9-12)	1.611 students/school	0 schools	N/A	0 schools	115 students	0.07 schools	0.07 schools	0 schools
Middle School (6-8)	1.389 students/school	0 schools	N/A	0 schools	78 students	0.06 schools	0.06 schools	* schools
Elementary School (K-5)	656 students/school	0 schools	N/A	0 schools	164 students	0.25 schools	0.25 schools	0 schools
Public Libraries (Facilities)	No standard need factor, no additional facilities anticipated to be needed	2 libraries	Based on Geography	0 libraries	Based on Geography	0 libraries	0 libraries	0 libraries
Public Libraries (Materials)	\$ 74 fee/resident	N/A	1,704 residents	N/A	1,928 residents	\$ 142,012 total fees	N/A	\$ 74 fee/resident
Police (Facilities)	No standard need factor, no additional facilities anticipated to be needed	1 stations	Based on Geography	0 stations	Based on Geography	0 stations	0 stations	0 stations
Police (Equipment)	0.77 squad cars/1,000 residents	Data unavailable	1,704 residents	N/A	1,928 residents	1.5 squad cars	N/A	2 squad cars
Fire ^c	1/2 mile service area	2 stations	Based on response time	0 stations	Based on response time	0 stations	0 stations	0 stations
Health Care	0.057 centers/1,000 residents	0 centers	1,704 residents	0.1 centers	1,928 residents	0.11 centers	0.2 centers	0.2 centers
Human Service Agencies	0.043 centers/1,000 residents	0 centers	1,704 residents	0.1 centers	1,928 residents	0.08 centers	0.2 centers	0.2 centers
Cultural Centers	0.014 centers/1,000 residents	0 centers	1,704 residents	0.0 centers	1,928 residents	0.03 centers	0.1 centers	0.1 centers
Child Care ^d	52.7 spaces/1,000 residents; 22.4 spaces/1,000 workers	0 spaces	343 spaces	343 spaces	112 spaces	455 spaces	N/A	455 spaces
Infants (0 to 24 months)	3.3 spaces/1,000 residents; 5.6 spaces/1,000 workers	0 spaces	71 spaces	71 spaces	9 spaces	80 spaces	N/A	80 spaces
Pre-School (2 to 5 years)	19.2 spaces/1,000 residents; 16.8 spaces/1,000 workers	0 spaces	229 spaces	229 spaces	45 spaces	274 spaces	N/A	274 spaces
School Aged (6 to 13 years)	30.1 spaces/1,000 residents; 0 spaces/1,000 workers	0 spaces	43 spaces	43 spaces	58 spaces	102 spaces	N/A	102 spaces
Drug Stores	1.3 SF/housing units	Anecdotal evidence of lack of neighborhood serving businesses.			1,124 housing units	1,484 SF	N/A	1,484 SF
Supermarkets	8.1 SF/housing units	Anecdotal evidence of lack of neighborhood serving businesses.			1,124 housing units	9,138 SF	N/A	9,138 SF
Full Service Restaurants	5.8 SF/housing units	Anecdotal evidence of lack of neighborhood serving businesses.			1,124 housing units	6,485 SF	N/A	6,485 SF
Limited Service Restaurants	4.0 SF/housing units	Anecdotal evidence of lack of neighborhood serving businesses.			1,124 housing units	4,485 SF	N/A	4,485 SF
Personal Service	2.5 SF/housing units	Anecdotal evidence of lack of neighborhood serving businesses.			1,124 housing units	2,754 SF	N/A	2,754 SF
Other Neighborhood Serving Retail	1.3 SF/housing units	Anecdotal evidence of lack of neighborhood serving businesses.			1,124 housing units	1,405 SF	N/A	1,405 SF
Affordable housing needs	0.64 affordable units/total units	N/A	798 total units	N/A	1,124 total units	718 affordable units	N/A	718 affordable units

a. The existing city-wide open space condition refers to all areas of this size across the city, not only in the Eastern Neighborhoods.

b. Based on citywide and affordable housing student generation rates from Demographic Analyses and Enrollment Forecasts (DAEP), San Francisco Unified School District (SFUSD), July 2002. Assumes ratio of elementary to middle to high school students is consistent with existing and projected proportions in the DAEF and that 25% of new SF Eastern units are affordable. Design capacity for elementary and high schools from SFUSD's 2005 School Fee Justification Study and estimated for middle schools based on elementary school capacity, adjusted for the years spent in middle school and the relative number of middle schools in SFUSD.

c. The City's General Plan states "In general, firehouses should be distributed throughout the city so that each firehouse has a primary service area extending within a radius of one-half mile." However, the San Francisco Fire Department relies on response times in order to determine service areas for fire stations.

Current response times meet SFPD standards.

d. Child care existing and projected demand methodology and assumptions developed by the SF Department of Children, Youth and Families and Brion & Associates. Uses residential and employment data from SF Planning Department and US Census. Supply data from the SF Child Care Information Management System.

*Seitel recommends that a middle school be considered for the Eastern SOMA, Showplace Square/Potrero Hill, and/or Central Waterfront Neighborhoods.

Source: San Francisco Planning Department, Environmental Science Associates, Seitel Consulting Inc.

Appendix B: Western SOMA

This appendix describes the existing conditions and current needs in the Western SOMA neighborhood.³² Figures in the main report display the boundaries of this neighborhood, labeled Western SOMA Additional Area. Seifel did not project future needs for this neighborhood because it is not included in the Planning Department's Eastern Neighborhoods rezoning study area.

Appendix Table B-1 summarizes the assessment of existing conditions and current needs presented in this appendix. All category definitions are identical to those in the main text.

A. Open Space, Parks and Recreational Facilities

- **Open Space and Parks – Citywide**—*Need factor: 4.5 acres/1,000 residents*
No citywide open space currently exists within Western SOMA. However, sufficient amounts of citywide open space are accessible to neighborhood residents. The current citywide open space provision is a ratio of approximately 6.3 acres per 1,000 residents.
- **Open Space and Parks – District, Neighborhood and Subneighborhood**—*Need factor: one acre/1,000 residents*
Western SOMA contains one subneighborhood park of 0.23 acres. Large portions of the neighborhood lack access to neighborhood and/or subneighborhood open space (Figure V-1).
- **Recreational Facilities**—*Citywide provision of 21.58 square feet/resident*
No recreational facilities currently exist within Western SOMA. Based on current population, the existing need for recreational facilities in Western SOMA is 95,000 square feet.

B. Community Facilities and Services

- **Education**—*Need factor: Based on desired number of students per school type in San Francisco*
No schools are currently located in the Western SOMA neighborhood. As such, Seifel was unable to calculate the existing surplus or deficit in the schools capacity. However, given that surplus capacity currently exists in the nearby Eastern Neighborhoods schools, education needs in Western SOMA are likely currently fulfilled.
- **Public Libraries – Facilities**—*Need factor: Library department does not indicate need for new library branches*
Two libraries serve Western SOMA: the Main Library and the Mission Bay Branch (Figure V-5). Library service is sufficient in the neighborhood.
- **Police – Facilities**—*Need factor: Police department does not indicate need*
The SFPD's Southern Station is located within the Western SOMA neighborhood boundary (Figure V-6). The new station in Mission Bay will serve Western SOMA residents once SFPD relocates Southern Station to Mission Bay.

³² Analysis completed in September 2006.

- **Police – Equipment**—*Need factor: 2.7 officers/1,000 residents; 2 squad cars/7 officers; 0.77 squad cars/1,000 residents*
Seifel was unable to obtain information on the adequacy of current equipment or current equipment needs.
- **Fire**—*General Plan factor: 1/2 mile service area; Fire Department factor: Based on response time*
The SFFD currently has 4 fire stations that serve Western SOMA and an additional station planned in Mission Bay. Based on the 1/2-mile service area standard, there is a coverage gap in the western half of the neighborhood, but this does not necessarily indicate inadequate levels of service. The SFFD bases service standards on response time, and the department's 300-second response time goal is reported by SFFD as being met in Western SOMA.
- **Health Care**—*Citywide provision: 0.03 centers/1,000 residents*
No public health clinics are located in Western SOMA. However, the entire neighborhood is within one mile of an existing health center (Figure V-8). Therefore, although the equivalent of 0.1 centers would be required to bring Western SOMA to Citywide standards, the neighborhood has no functional need for an additional center.
- **Human Service Agencies**—*Citywide provision: 0.06 centers/1,000 residents*
Three of the City's human service agencies are located in Western SOMA (Figure V-8). An additional seven agencies are located within one-quarter mile of the neighborhood's northern boundary. On a per capita basis, a surplus of human service agencies exists in Western SOMA.
- **Child Care**—*Need factor: 52.7 spaces/1,000 residents, 22.4 spaces/1,000 workers*
Using the methodology described in the memorandum, Western SOMA has an existing need for 434 licensed child care spaces.

C. Neighborhood Serving Businesses—*No standard need factors*

Anecdotal evidence suggests that neighborhood serving business are lacking in Western SOMA, but the Planning Department does not have information on the current number and square footage of neighborhood serving businesses in the area.

D. Housing

- **Affordable Housing Needs**—*Need factor: 64% of new production is affordable*
ABAG estimates that 64 percent of new housing production in San Francisco will need to be affordable to low and moderate income households, as indicated in the Hausrath Socioeconomic Impact Analysis. Based on historical affordable housing production in the City, Seifel estimates that the City of San Francisco will produce about 25 percent of new housing affordable to low and moderate income households. This estimate is based on projections of achievable affordable housing development from a combination of the City's inclusionary housing program and non-profit housing development.

**Appendix Table B-1
Current Need
Western SOMA Neighborhood**

Analysis Categories	Need Factor	Existing Condition	Current Demand/Need	Existing Need (Surplus)
Open Space & Parks - Citywide ^a	4.5 acres/1,000 residents	4,772 acres	756,967 residents	(1,366) acres
Open Space & Parks - District, Neighborhood & Subneighborhood	1.0 acres/1,000 residents	0.23 acres	Based on Geography	See Figure 2
Open Space & Parks (Operating Costs)	6170 \$/acre	Existing park not included in maintenance evaluation		
Recreational Facilities	21.58 SF/resident	0 SF	4,425 residents	95,492 SF
Recreation Facilities (Operating Costs)	0.254 \$/SF	N/A	N/A	N/A
Education (Schools) ^b	0.317 students/housing unit	0 student capacity	N/A	0 student capacity
High School (9-12)	0.102 students/housing unit	0 student capacity	N/A	0 student capacity
Middle School (6-8)	0.069 students/housing unit	0 student capacity	N/A	0 student capacity
Elementary School (K-5)	0.146 students/housing unit	0 student capacity	N/A	0 student capacity
High School (9-12)	1,611 students/school	0 schools	N/A	0 schools
Middle School (6-8)	1,389 students/school	0 schools	N/A	0 schools
Elementary School (K-5)	656 students/school	0 schools	N/A	0 schools
Public Libraries (Facilities)	No standard need factor, no additional facilities anticipated to be needed	0 libraries	Based on Geography	0 libraries
Public Libraries (Materials)	\$ 74 fee/resident	N/A	4,425 residents	N/A
Police (Facilities)	No standard need factor, no additional facilities anticipated to be needed	1 stations	Based on Geography	0 stations
Police (Equipment)	0.77 squad cars/1,000 residents	Data unavailable	4,425 residents	N/A
Fire ^c	1/2 mile service area	4 stations	Based on response time	0 stations
Health Care	0.03 centers/1,000 residents	0 centers	4,425 residents	0.1 centers
Human Service Agencies	0.06 centers/1,000 residents	3 centers	4,425 residents	(2.7) centers
Child Care ^d	52.7 spaces/1,000 residents; 22.4 spaces/1,000 workers	351 spaces	785 spaces	434 spaces
Infants (0 to 24 months)	3.3 spaces/1,000 residents; 5.6 spaces/1,000 workers	58 spaces	158 spaces	100 spaces
Pre-School (2 to 5 years)	19.2 spaces/1,000 residents; 16.8 spaces/1,000 workers	233 spaces	514 spaces	281 spaces
School Aged (6 to 13 years)	30.1 spaces/1,000 residents; 0 spaces/1,000 workers	60 spaces	113 spaces	53 spaces
Drug Stores	1.3 SF/housing units	Anecdotal evidence of lack of neighborhood serving businesses.		
Supermarkets	8.1 SF/housing units	Anecdotal evidence of lack of neighborhood serving businesses.		
Full Service Restaurants	5.8 SF/housing units	Anecdotal evidence of lack of neighborhood serving businesses.		
Limited Service Restaurants	4.0 SF/housing units	Anecdotal evidence of lack of neighborhood serving businesses.		
Personal Service	2.5 SF/housing units	Anecdotal evidence of lack of neighborhood serving businesses.		
Other Neighborhood Serving Retail	1.3 SF/housing units	Anecdotal evidence of lack of neighborhood serving businesses.		
Affordable housing needs	0.64 affordable units/total units	N/A	2,215 total units	N/A

a. The existing city-wide open space condition refers to all areas of this size across the city, not only in Western SOMA.

b. Based on citywide and affordable housing student generation rates from Demographic Analyses and Enrollment Forecasts (DAEF), San Francisco Unified School District (SFUSD), July 2002. Assumes ratio of elementary to middle to high school students is consistent with existing and projected proportions in the DAEF and that 25% of new SF Eastern units are affordable. Design capacity for elementary and high schools from SFUSD's 2005 School Fee Justification Study and estimated for middle schools based on elementary school capacity, adjusted for the years spent in middle school and the relative number of middle schools in SFUSD.

c. The City's General Plan states "In general, firehouses should be distributed throughout the city so that each firehouse has a primary service area extending within a radius of one-half mile." However, the San Francisco Fire Department relies on response times in order to determine service areas for fire stations. Current response times meet SFPD standards.

d. Child care existing and projected demand methodology and assumptions developed by the SF Department of Children, Youth and Families and Brion & Associates.

Uses residential and employment data from SF Planning Department and US Census. Supply data from the SF Child Care Information Management System.

Source: San Francisco Planning Department, Environmental Science Associates, Seifel Consulting Inc.

San Francisco Planning Department
Eastern Neighborhoods Needs Assessment

Seifel Consulting Inc.
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