San Jose Sports Facility Task Force

Preliminary Market Analysis And Facility Review

June 7, 2004

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Contents of this report were taken from industry publications and various other sources of public information. No attempt has been made to verify or alter this information. Information presented may vary from actual and these differences may be material.

Major League Soccer

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Major League Soccer

Demographic Analysis

Demographic Introduction

 An important component in assessing the potential success of sports franchises and facilities is the demographic and socioeconomic profile of the market area. Specific demographic characteristics discussed herein include:

Population

· Household Income

Age Distribution

· Corporate Base

- The San Jose/Bay Area is unique due to the presence of the San Francisco Bay, which affects the ability of residents to easily access certain areas of the market. This can have an impact on the attendance patterns of local sports fans and the population bases from which area teams draw attendees.
- The Bay Area is comprised of three distinct metropolitan areas.
- Demographic analyses are performed using MSA/CMSA statistics, as well as analyses of 25 and 50-mile radii surrounding each market.

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MLS Fan Demographics

	MLS	NFL	MLB	NBA	NHL	
	Fans	Fans	Fans	Fans	Fans	U.S.
Gender						
Male	52.8%	56.8%	53.5%	53.2%	59.2%	48.9%
Female	47.2%	43.2%	46.5%	46.8%	40.8%	51.1%
Ethnicity						
Caucasian	65.3%	71.4%	74.0%	63.2%	77.4%	71.5%
Hispanic	17.6%	11.3%	11.3%	13.7%	10.0%	11.7%
African-American	10.8%	12.8%	10.4%	17.9%	8.2%	12.1%
Other	4.7%	3.6%	3.5%	4.0%	3.6%	3.8%
Asian	1.6%	0.8%	0.8%	1.3%	0.8%	0.9%
Household Income						
Under \$20,000	16.9%	16.4%	17.6%	18.4%	14.0%	22.6%
\$20,000 to \$29,999	14.4%	16.0%	15.6%	16.2%	14.7%	12.6%
\$30,000 to \$49,999	28.5%	28.6%	27.6%	28.0%	28.8%	22.2%
\$50,000 to \$99,999	29.5%	29.2%	29.7%	27.7%	31.6%	30.3%
\$100,000 to \$149,000	7.1%	6.3%	6.3%	6.2%	7.4%	7.3%
Over \$150,000	3.6%	3.4%	3.2%	3.6%	3.6%	5.0%

Source: ESPN; Claritas, Inc.

- MLS has the highest female fan base compared to the other professional sports leagues and the second highest minority fan base, trailing only the NBA.
- MLS draws a higher percentage of Hispanics than any of the other four major sports leagues, representing nearly 18 percent of the MLS fan base.
- Compared to the other four major sports leagues, MLS fans have the second highest percentage of households with incomes in excess of \$50,000, trailing only the NHL.

Soccer Participation

U.S. Soccer Participation by State

Rank	State	Number of Participants
	California	2,154,000
2	New York	1,345,000
3	Texas	1,277,000
4	Ohio	1,116,000
5	Pennsylvania	1,070,000
6	Michigan	781,000
7	New Jersey	643,000
8	Florida	613,000
9	Minnesota	561,000
10	North Carolina	467,000

Source: Soccer Industry Council of America

- California ranks Ist in the United States in Soccer Participation.
- California has 60% more soccer participants than the 2nd state (New York).

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Consolidated Market Statistical Area Definition

The San Francisco-Oakland-San Jose Consolidated Market Statistical Area (CMSA) is comprised of the following Metropolitan Statistical Areas (MSA's) and counties:

Bay Area CMSA Summary

MSA	Counties	MSA Population	% of Total
Oakland	Alameda, Contra Costa	2,498,300	34%
San Francisco	Marin, San Francisco, San Mateo	1,777,500	24%
San Jose	Santa Clara	1,741,700	24%
Vallejo-Fairfield-Napa	Napa, Solano	542,400	7%
Santa Rosa	Sonoma	480,300	7%
Santa Cruz-Watsonville	Santa Cruz	263,100	4%
Total Population (CMSA)		7 202 200	100%

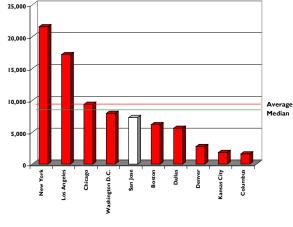
Source: Sales & Marketing Management

Analysis of CMSA and MSA statistics provides a general overview of overall area demographics.



CMSA Comparison

The following chart compares the population of the San Francisco-Oakland-San Jose CMSA with the CMSA or MSA of each MLS franchise.

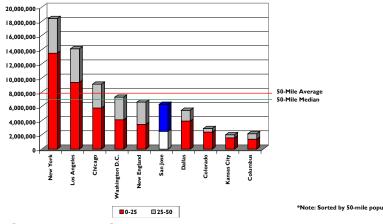


 The San Jose-San Francisco-Oakland CMSA ranks 5th of the 10 MLS markets.

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Ring Population Comparison

MSA's and counties may not accurately reflect a franchise's primary market area. Rings surrounding a market may provide a more accurate picture of potential fan base. The following chart compares the populations of each MLS team within 25 and 50 miles of its home stadium.



Ring Population Comparison

Population

Variable	San Jos Total	Rank	MLS High	MLS Average	MLS Median	MLS Low
Current Population						
25-mile	2,489,300	7	13,511,500	4,810,200	3,709,700	1,389,400
50-mile	6.313.400	6	18.399.300	7,448,100	6,466,800	2.018.200

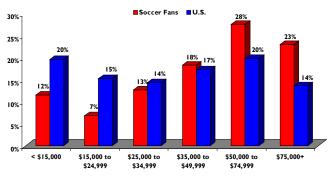
Source: Dakota Worldwide; Claritas.

 The San Jose market ranks 7th in terms of population within 25 miles and 6th in terms of 50-mile population as compared to other U.S. MLS franchises.



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U.S. Soccer Participation by Household Income



- Source: Sports Business Research Network
- Nearly 51 percent of U.S. soccer households have annual income of at least \$50,000, compared to the approximately 34 percent of all U.S. households.
- The larger income of soccer participants indicates that the core group of spectators at a new soccer stadium may have more discretionary income to spend on tickets, concessions, merchandise, and parking as well as in the San Jose community in hotels, restaurants, and retail establishments.

Household Affluence

Household Income

Variable	San Jo Total	se Rank	MLS High	MLS Average	MLS Median	MLS Low
% of HH's with Incom	ie > \$50,000					
25-Mile	73.0%	- 1	73.0%	55.5%	53.6%	45.6%
50-Mile	65.3%	1	65.3%	55.3%	54.4%	48.2%
Median HH Income						
25-Mile	\$85,300	- 1	\$85,300	\$57,800	\$54,800	\$45,600
FO Mil-	71 700		71 700	F7 100	F/ 100	40 400

Source: Claritas, Inc. Rankings are of 10 MLS franchises

• San Jose is the most affluent of the MLS

markets in terms of the household income characteristics analyzed.



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Age Distribution

 While professional sporting events attract a wide variety of age groups, the 18 to 49 age group often represents the primary market for professional sports attendees.

Age Distribution

	San Jo		MLS	MLS	MLS	MLS
Variable	Total	Rank	High	Average	Median	Low
% of Population 18-49						
25-Mile	51.6%	!	51.6%	48.8%	48.6%	46.3%
50-Mile	50.4%	I	50.4%	48.0%	47.7%	46.5%

Source: Claritas.

Rankings are of the 10 MLS franchises.

• San Jose demonstrates the highest percentage of market population within the key age range of 18 to 49.

Gender and Ethnicity

Gender and Ethnicity

	San Jos	se	MLS	MLS	MLS	MLS
Variable	Total	Rank	High	Average	Median	Low
% Male						
25-Mile	50.3%	- 1	50.3%	49.0%	48.8%	47.8%
50-Mile	50.0%	1	50.0%	49.1%	49.0%	48.0%
% Female						
25-Mile	49.7%	10	52.2%	51.0%	51.2%	49.7%
50-Mile	50.0%	10	52.0%	50.9%	51.0%	50.0%
% Causcasian						
25-Mile	46.7%	8	77.7%	57.0%	52.1%	28.3%
50-Mile	46.7%	9	83.2%	62.0%	57.7%	35.4%
% Hispanic						
25-Mile	22.6%	4	46.3%	18.2%	19.6%	2.2%
50-Mile	22.8%	2	42.2%	16.5%	17.8%	1.7%
% African American						
25-Mile	3.3%	10	30.2%	14.3%	14.5%	3.3%
50-Mile	7.0%	8	27.7%	12.4%	11.5%	4.3%
% Asian						
25-Mile	26.2%	- 1	26.2%	7.9%	5.2%	1.9%
50-Mile	20.9%	I	20.9%	6.6%	4.3%	1.7%
% Other						
25-Mile	4.5%	- 1	4.5%	2.8%	2.7%	1.8%
50-Mile	4.6%	1	4.6%	2.7%	2.5%	1.7%

- San Jose has a relatively high proportion of male population.
- San Jose is in the top four among MLS markets in terms of percentage of Hispanic population within both radii analyzed.
- San Jose also has a relatively high Asian population.

Source: Claritas, Inc.

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Corporate Base

Corporate Base

Variable	San Jose	Rank	MLS High	MLS Average	MLS Median	MLS Low
Total CMSA Corporate Inventory (1)	11,900	4	25,300	11,500	9,900	3,220

 Corporate headquarters with at least 25 employees and \$5 million annual sales and corporate branches with at least 25 employees.

Source: Dun & Bradstreet.

- The Bay Area CMSA's total corporate inventory ranks 4th among the 10 MLS markets. Further, San Jose's Silicon Valley location provides it with several major corporations located in close proximity.
- Focusing specifically on the San Jose MSA, San Jose's ratio of corporate inventory to total population is the highest of any MLS market.

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Demographic Analysis Summary

- While San Jose's 25-mile population ranks 7th among the ten MLS markets, while its 50-mile population ranks 6th. It should be noted that among the markets ranking ahead of San Jose in terms of population include major metropolitan areas such as New York, Los Angeles and Chicago.
- The San Jose-San Francisco-Oakland CMSA ranks fifth out of the 10 MLS markets.
- San Jose's population is more affluent than that of all other MLS markets in terms of household income characteristics analyzed.
- San Jose demonstrates the highest percentage of population within the key age range of 18 to 49.
- The San Jose region has a strong ethnic base. MLS fan demographics tend to exhibit relatively strong ethnic interest.
- The Bay Area's CMSA corporate base ranks 4th among MLS markets. San Jose's, Silicon Valley location provides it with several major corporations located in close proximity.
- The San Jose MSA's corporate inventory as a proportion of total population is highest among MLS markets.

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Major League Soccer Overview

Current MLS Ownership

Anschutz Entertainment Group

- · Chicago Fire
- DC United
- · Los Angeles Galaxy
- New York/New Jersey MetroStars
- San Jose Earthquakes

Hunt Sports Group

- Columbus Crew
- Dallas Burn
- · Kansas City Wizards

Robert Kraft

New England Revolution

Kroenke Sports Enterprises

· Colorado Rapids

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Facility Development

· Harrison, New Jersey

NY/NJ MetroStars

• Opening in 2006

Soccer-Specific Facilities:

- · Crew Stadium
 - · Columbus Crew
 - Opened in 1999
- Home Depot Center
 - · LA Galaxy

 - Opened in 2003
- **NFL Facilities:**
- · Arrowhead Stadium
 - · Kansas City Galaxy • Opened in 1972
- · Invesco Field
 - Opened in 2001
 - · Colorado Rapids

- · Frisco Center
 - · Dallas Burn
 - Opening in 2005
- · Bridgeview, Illinois
- · Chicago Fire
 - Opening in 2006

· Gillette Stadium

- New England Revolution
- Opened in 2002
- · RFK Stadium
 - DC United
 - · Opened in 1961

College Facilities:

- · Spartan Stadium
 - San Jose Earthquakes
 - Opened in 1933

MLS Financial Structure

	Investor-	
	Operator	MLS
Revenues:		
Gate Receipts	70%	30%
Concessions	100%	0%
Parking	100%	0%
Local Sponsorships	100%	0%
National Sponsorships	0%	100%
Other Stadium Revenues	100%	0%
National Media	0%	100%
Local T.V. & Radio	100%	0%
Expenses:		
Player Salaries	0%	100%
Front-Office Expenses	100%	0%
Team Travel	100%	0%
Broadcast Expense	100%	0%
Rent	100%	0%
Game-Day Expenses	100%	0%

- The MLS is a single-entity limited liability company. The league owns the member clubs, while investors purchase operating rights for an individual team.
- Some revenues and expenses are shared between the MLS franchise and the host stadium. The revenue presented herein is net of revenue and expense sharing between the stadium owner and the MLS team.

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Major League Soccer
Attendance Analysis

MLS Attendance by Franchise

MLS 5-Year Attendance Summary

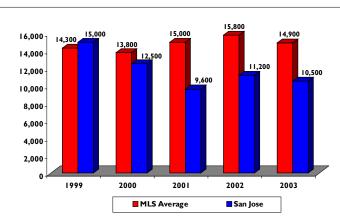
	Average Per-Game Attendance						
Team	1999	2000	2001	2002	2003	5-yr ave	
Los Angeles Galaxy	17,600	20,400	17,400	19,000	22,000	19,300	
D.C. United	17,400	18,600	21,500	16,500	15,600	17,800	
NY/NJ MetroStars	14,700	17,600	20,800	18,200	15,800	17,300	
Columbus Crew	17,700	15,500	17,500	17,400	16,300	16,900	
Colorado Rapids	14,000	12,600	16,500	20,700	16,800	16,000	
New England Revolution	16,700	15,500	15,700	16,900	14,600	15,900	
Chicago Fire	16,000	13,400	16,400	12,900	14,000	14,500	
San Jose Quakes	15,000	12,500	9,600	11,200	10,500	11,900	
Dallas Burn	12,200	13,100	12,600	13,100	7,900	11,800	
Kansas City Wizards	8,200	9,100	11,000	12,300	15,600	11,100	
Tampa Bay Mutiny	13,100	9,500	10,500	n/a	n/a	11,000	
Miami Fusion	8,700	7,500	11,200	n/a	n/a	9,000	
MLS Average	14,300	13,800	15,000	15,800	14,900	14,700	

Source: Sports Business Journal

- San Jose ranked 9th out of the 10 MLS franchises in attendance for 2003 and had the lowest attendance in 2001 and 2002.
- In terms of 5-year attendance, San Jose ranks 8th among MLS franchises.

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Historical Attendance Comparison



Source: Sports Business Journal

• Earthquakes attendance has decreased approximately 30 percent since 1999, while the MLS as a whole has seen an increase of approximately four percent.

Penetration Introduction

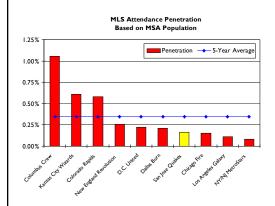
- A penetration analysis compares a team's attendance with the population of its market.
- · Two penetration ratios were calculated, based on:
 - · Total market population, and
 - · Population per major professional sports franchise in the market
 - · Includes MLS, MLB, NFL, NBA and NHL franchises
- MLS markets have a very diverse range of populations. Because the penetration ratios of the smallest MLS markets tend to skew the averages, it may be more useful to focus on the penetration ratios achieved by the league's larger and mid-sized markets.
- Attendance penetration tends to be inversely proportional to market size.
 Larger markets tend to exhibit lower penetration ratios, while smaller markets generally exhibit higher penetration ratios.

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Penetration Analysis – Total Population

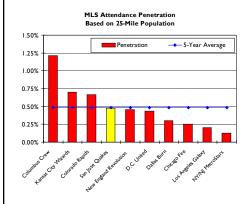
 The following chart summarizes the rate at which each MLS team has penetrated its market based on five-year average per-game attendance and MSA or CMSA population.



- The Earthquakes have penetrated the Bay Area CMSA at a rate of 0.16% of total population per game. This ratio ranks seventh among MLS franchises.
- Assuming that penetration is inversely proportional to total population, San Jose would be expected to rank 6th in terms of penetration, based on its rank of 5th in terms of overall population. The D.C. United have penetrated their market at a higher rate than the Earthquakes despite the larger population of the Washington market.

Penetration Analysis - Total Population

 The following chart summarizes the rate at which each MLS team has penetrated its market based on five-year average per-game attendance and 25mile population.

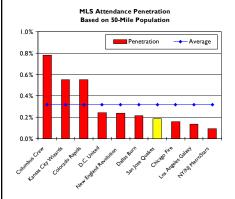


- The Earthquakes have achieved a penetration ratio of 0.48% of 25mile population per game, ranking fourth among MLS franchises.
- The Earthquakes' 4th place ranking in terms of 25-mile penetration is on par with their 7th place ranking in terms of total 25-mile population, assuming that penetration is inversely proportional to population.

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Penetration Analysis – Total Population

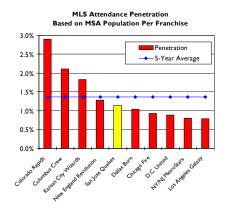
 The following chart summarizes the rate at which each MLS team has penetrated its market based on five-year average per-game attendance and 50mile population.



- The Earthquakes' 50-mile penetration ratio of 0.19% ranks seventh among MLS teams.
- Based on 50-mile population rankings, the San Jose market could be expected to rank 5th in terms of penetration.
- The New England Revolution and D.C. United have achieved higher penetrations than the Earthquakes despite their larger 50-mile populations.

Penetration Analysis - Population Per Franchise

 The following chart summarizes the rate at which each MLS team has penetrated its market based on five-year average per-game attendance and MSA or CMSA population per franchise.



- The Earthquakes have penetrated the Bay Area CMSA at a rate of 1.14% of population per franchise per game. This ratio ranks fifth among MLS franchises.
- The San Jose CMSA has the 7th largest population per franchise among MLS markets, indicating that it could be expected to rank 4th in terms of population per franchise.
- The New England Revolution have a higher penetration ratio than the Earthquakes despite having a higher population per franchise.

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Penetration Summary

Attendance Penetration Summary Based on 5-Year Average Attendance

Average MLS Penetration Ratio Metropolitan Area 50-Mile Ring	0.34% 0.32%
San Jose Population	
Metropolitan Area	7,303,000
50-Mile Ring	6,313,000
Estimated San Jose Attendance	
Metropolitan Area	25,200
50-Mile Ring	19,900
Actual Earthquakes 5-Year Average Attendance	11.90

- The chart presents the attendance levels that would result in San Jose if the Earthquakes penetrated the market at a rate equal to the league average.
- Based on the results of the penetration analysis, it appears that the opportunity exists for the Earthquakes to grow their attendance if they can achieve penetration levels equal to the league average.

Reverse Penetration

San Jose Penetration Required to Reach 5-Year League Average Attendance

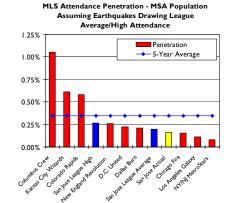
MLS 5-Year Average Attendance	14,70
MLS 5-Year High Attendance	19,30
San Jose Population	
Metropolitan Area	7,303,00
50-Mile Ring	6,313,00
San Jose Penetration Resulting in MLS Ave. Att.	
Metropolitan Area	0.209
50-Mile Ring	0.239
San Jose Penetration Resulting in MLS High Att.	
Metropolitan Area	0.269
50-Mile Ring	0.319
Actual Earthquakes 5-Year Penetration	
Metropolitan Area	0.169
50-Mile Ring	0.199

- As an additional analysis, the chart to the left presents the penetration ratios the Earthquakes would need to achieve to reach the MLS 5-year average and high attendance level.
- The Earthquakes would need to penetrate the Bay Area CMSA at a rate of 0.20% to achieve the league average attendance or 0.26% to reach the 5-year league high.
- The Earthquakes would need to achieve penetrations of 0.23% or 0.31% to reach the 5-year league average and high attendance levels, respectively.

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Reverse Penetration - Metropolitan Area

 The following chart compares the Bay Area penetration ratios the Earthquakes would have to achieve to reach the league average or high attendance levels with the penetration ratios of existing MLS franchises, based on CMSA or MSA population.

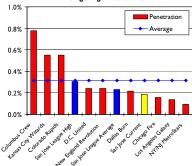


- The Bay Area penetrations resulting in league average attendance would be slightly higher than the current penetration ratio achieved by the Earthquakes, but would be within the range of penetrations of similar sized markets.
- In order to achieve the league high penetration, the Earthquakes would need to penetrate the Bay Area market at a rate similar to the ratio currently achieved in the Boston area.

Reverse Penetration - 50-Mile Ring

• The following chart compares the 50-mile penetration ratios the Earthquakes would have to achieve to reach the league average or high attendance levels with the penetration ratios of existing MLS franchises.

MLS Attendance Penetration - 50-Mile Population
Assuming Earthquakes Drawing League
Average/High Attendance



- In order to achieve league average attendance, the Earthquakes would need to penetrate their 50-mile population at a rate similar to the current penetration of the Boston and Dallas markets.
- In order to reach the league high attendance level, the Earthquakes penetration would need to be near the league average, and would be higher than the penetrations of all franchises except those in the three smallest league markets.

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Attendance Analysis Summary

- The Earthquakes' 5-year average attendance of 11,900 fans per game ranks 8th among MLS franchises despite the Bay Area's ranking as the 5th largest market in the league in terms of CMSA population.
- The Earthquakes' 2003 average attendance of 10,500 per game ranked 9th among MLS franchises.
- Based on the penetration analysis, the Earthquakes have penetrated the market within 25 miles of San Jose at a strong rate. However, the Earthquakes' penetration of their CMSA and 50-mile populations tend to fall short of their expected ranking based on market size.

Attendance Analysis Summary

- The San Jose market appears to have potential to support higher attendance levels than have been achieved in the past few seasons based on the penetration ratios set forth herein, as they are within the range of penetrations currently achieved by similar-sized markets.
- The San Jose/Bay Area market exhibits strong demographics in areas such as ethnic population, household affluence, age distribution and corporate inventory.
- Based on these factors, it appears that there is opportunity for growth in terms of attendance levels that could be achieved by the Earthquakes.

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New MLS Facility Development

Facility Development Introduction

- As noted previously, historical Earthquakes attendance has not consistently remained at the level that could be expected given the region's strong demographics.
- The lack of fan amenities associated with Spartan Stadium may be one factor limiting Earthquakes attendance.
- Several MLS franchises have developed or are planning new facilities to address issues similar to those faced by the Earthquakes at Spartan Stadium.
- The following is a brief summary of several recent and planned MLS stadium developments.

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Home Depot Center Case Study

- Opening June 2003
- · Location: Carson, CA (Los Angeles)
- Components: 27,000-seat stadium
- Cost: \$60.0 million soccer stadium \$130.0 million - total complex
- Annual events: est. 30
- Annual attendance: approximately 425,000 (estimated)



· Other complex components:

Tennis Stadium

Track and Field Complex

Velodrome

Jogging Trail

Sports Medicine/Therapy Center

Gymnasium

Crew Stadium Case Study

Opened: 1999

· Location: Columbus, Ohio

· Components:

• 22,500-seat stadium

• 18 loge boxes

• 1,200 club seats

· Cost: \$31.0 million

Annual events: 32



 Most financially stable team in MLS due to soccer-specific stadium and strong season ticket base in the smallest MLS market.



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Frisco Soccer & Entertainment Center Case Study

• Opening: 2005

· Location: Frisco, Texas

Components:

· 20,000-seat stadium

• 17 soccer fields

· Cost: \$65.0 million

• \$10 million from team

• \$20 million from City

• \$20 million from State

 \$15 million from Frisco School District



- Annual events: In addition to hosting Dallas Burn home games, facility representatives indicated that the venue will host major concerts, international soccer matches, and high school football.
- Annual attendance: approx. 1,400,000 spectators and participants.

Bridgeview, Illinois Case Study

• Opening: 2006

· Location: Bridgeview, Illinois

· Tenant Franchise: Chicago Fire

Components:

• 20,000-seat stadium

Team Offices

Training Center

· Cost: \$70.0 million

 The new site will also be the center point of a re-development that is expected to include restaurants, theaters and other commercial establishments.



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Harrison, New Jersey Case Study

- · Opening: As early as 2005
- · Location: Harrison, New Jersey
- · Tenant Franchise: MetroStars
- · Components:
- · 25,000-seat stadium
- 15,000 sq ft of indoor meeting space
- · Two practice fields
- Cost: \$152.0 million; comprised of a mix of private investment which includes approximately \$30 million from the MetroStars and tax increment financing revenues.
- The new stadium is envisioned to spark a nearly \$900 million Urban Renewal Project in Harrison including residential units, and office and retail space.
- AEG, the MetroStars' parent company, is guaranteeing the operation of the facility and a minimum number of events including concerts, women's professional soccer, collegiate and high school sporting events, conventions and community events and youth sporting events.



San Jose Facility Summary

- The Earthquakes are exploring their facility issues.
- Considerations of various facility scenarios are being discussed:
 - Renovation of Spartan Stadium
 - Development of a new facility in or near San Jose
- Continued discussions are underway with the City, SJSU and the Earthquakes/ AEG.