

A New Opportunity in Public – Public Partnerships



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Objectives

- Overview of the collaboration between CSN and LVFR
 - Challenges & Opportunities
- Provide insight into unique design features integrated into this one-of-a-kind space
- Share some unintended benefits of this unique partnership



Introduction

College of Southern Nevada

- Annualized Average FTE = 21,000 FTE
- Annualized Average Headcount = 43,000
- 3 large comprehensive campuses
- Past 2 ½ years growth increased by 20%
- Dependent on state support
 - 2007-2009 budget reductions greater than 10%
 - 2009-2011 initial budget cut by 12.5%
- All Capital funding from state resources

Introduction

Las Vegas Fire & Rescue

- Insurance Services Organization (ISO) Class 1 Fire Department
- Department accredited by the Commission on Fire Accreditation International (CFAI)
- One of only seven fire departments in the US that are both ISO and CFAI accredited
- National recognition for Emergency Medical Services (EMS)
- Large department with over 700 employees
- Comprehensive service area of over 600,000

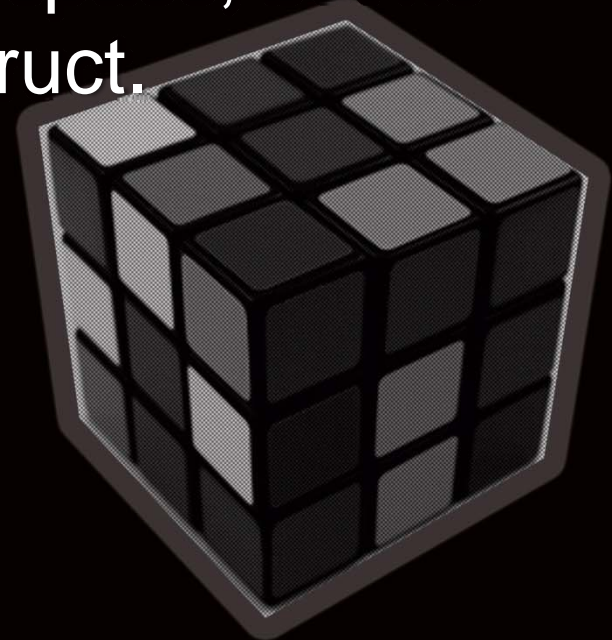
Nevada Economic Condition

- Nevada ranks #1 in estimated 2010 shortfalls with a projected General Fund gap = 32%
- Las Vegas ranks #1 in foreclosures with 1 in every 59 households
- Las Vegas ranks #1 in underwater home values with 46.9%
- Nevada ranks #2 in unemployment rate with an all-time high of 13.3%

Economic challenge required agencies to look for alternative solutions to address problems.

Basic Problem

Las Vegas Fire & Rescue had funding for a much needed new Fire Station but had no land; CSN had land and desperately needed new classroom space, but no funds to construct.



CSN & LVFR Challenges

CSN

- Critical need for classroom space; fiscal resources unavailable
- Land use restrictions
- Campus infrastructure improvements required

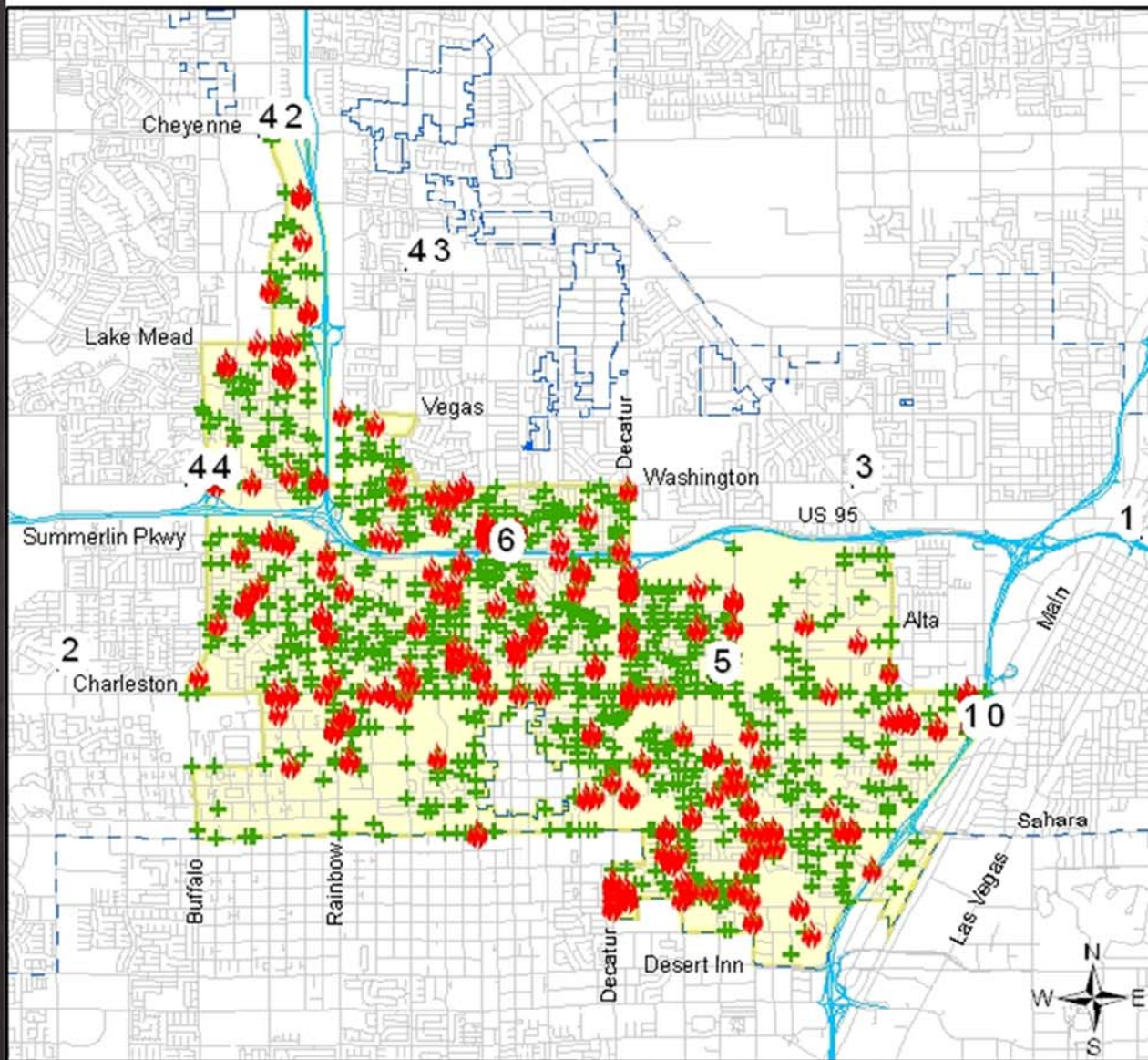
LVFR

- Current station built in 1960's - antiquated station
- Existing station inadequate to support staff requirements
- Station required within specific geographic location
- No available vacant land within vicinity required for station replacement

Joint

- CSN and LVFR both under the purview of elected bodies and need to address concerns.
- Different legal requirements (Board of Regents, City of Las Vegas, State Public Works Board, etc).
- LVFR required to build LEED certified
- Initial construction costs very high

Ward One - 2009 Four Quarter Fire/EMS Total Responses



Data Key

2009 Fire/EMS Response Calls
(Oct. 1 to Dec. 31, 2009)

Fire Calls (107)

EMS Calls (3,235)

*NOTE EMS calls include A,B,C & D level calls.



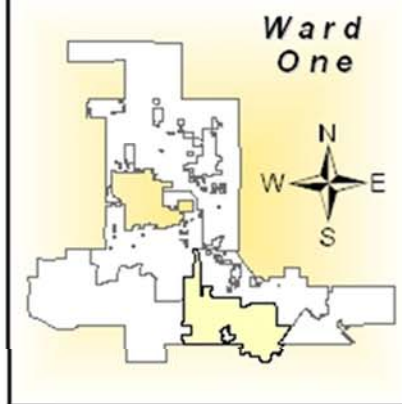
Map Elements

Fire Stations

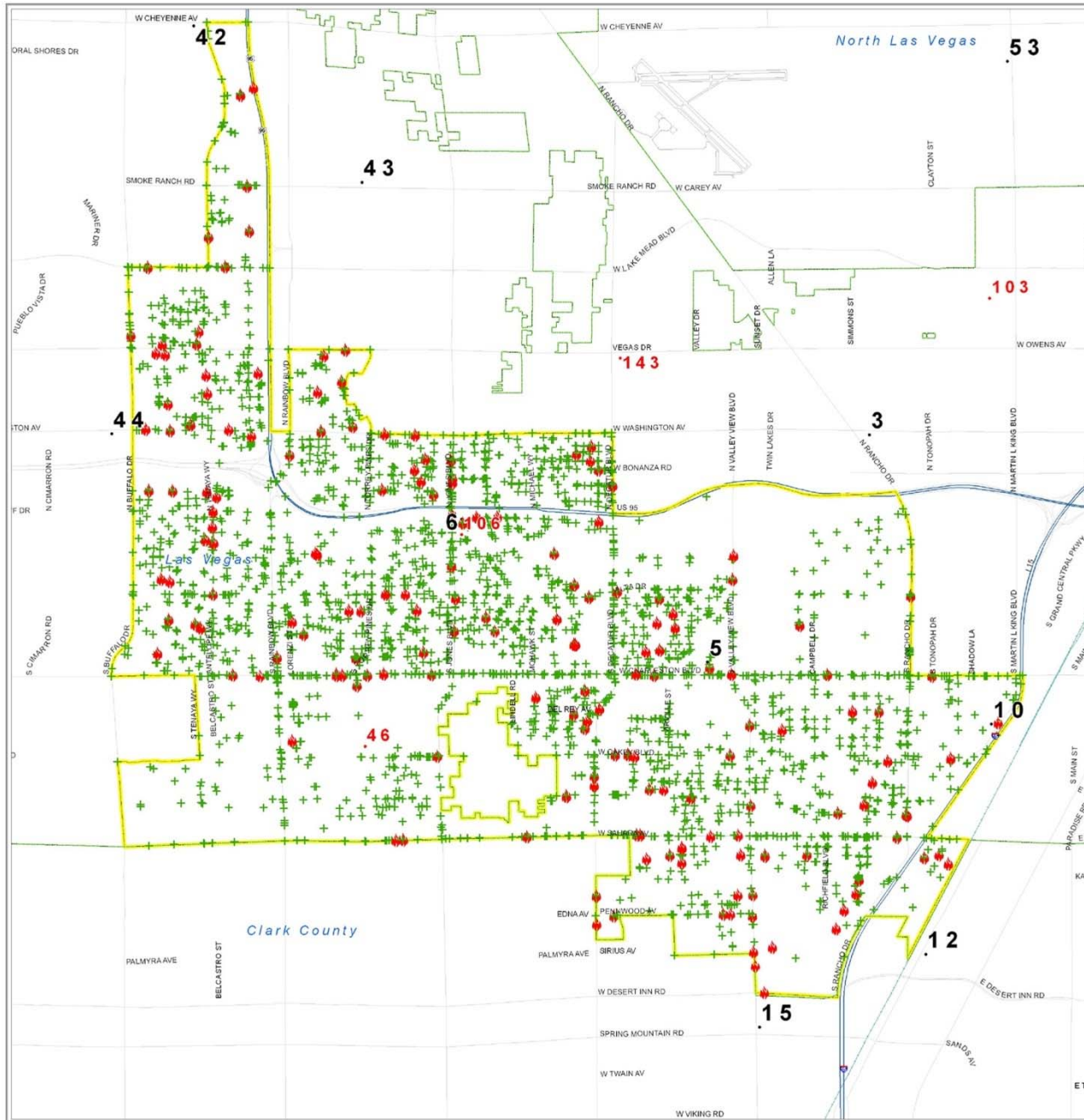
Freeways

Street Centerlines

Las Vegas City Limits



GIS maps are normally produced to meet the needs of the Fire Department. Due to ongoing development within Las Vegas this map is for reference only.









2009 EMS & FIRE Calls for Ward One

TOTAL EMS CALLS BY LEVEL = 13,761

- A Level = 1,816
- B Level = 6,551
- C Level = 1,582
- D Level = 3,811

TOTAL FIRE CALLS = 884

OVERALL TOTAL = 14,645

-  Ward 1
-  Existing Fire Stations
-  City Limits
-  Railroads
-  Interstate
-  Major Streets






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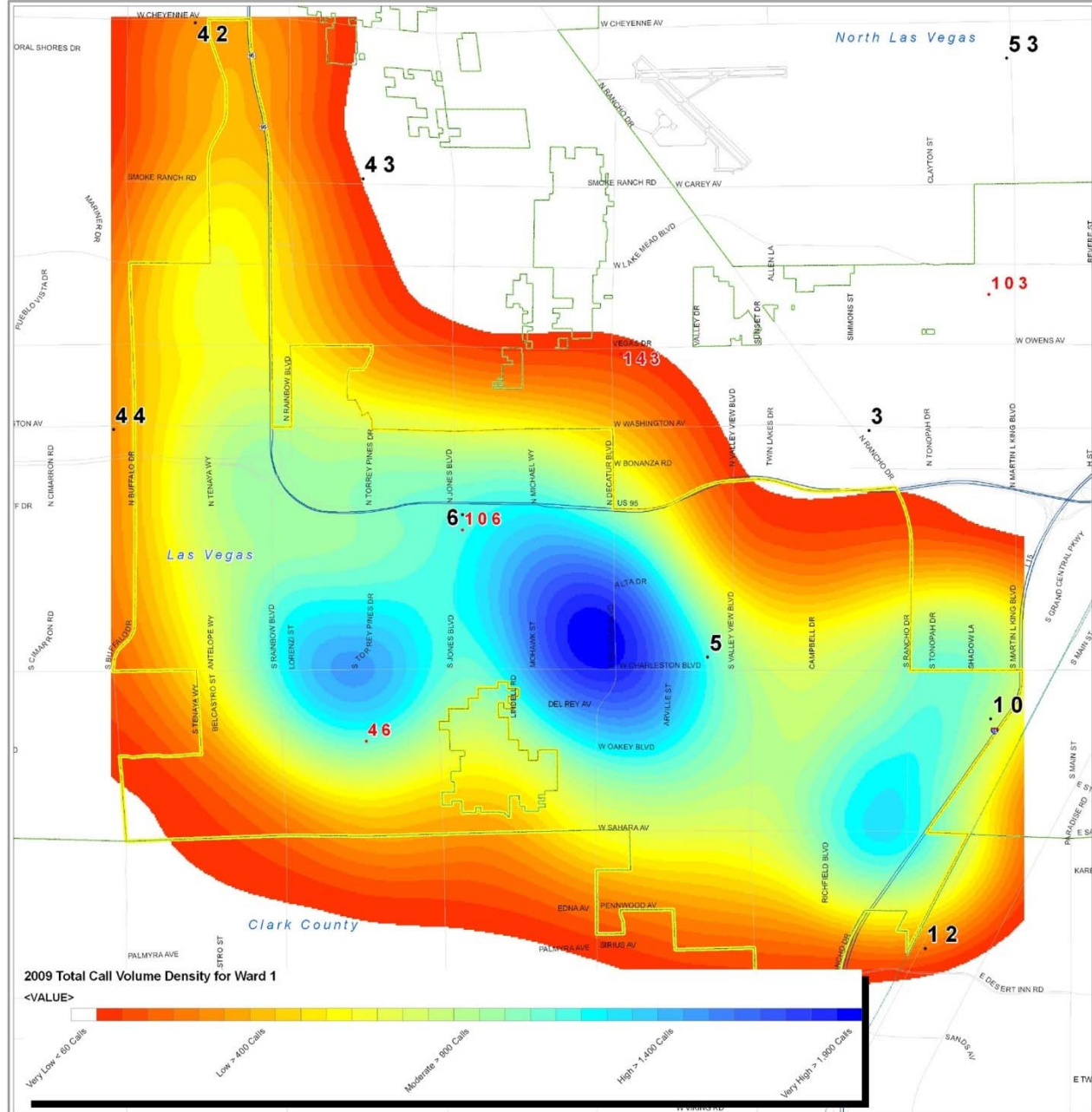
GIS maps are normally produced only to meet the needs of the Fire Department. Due to continuous development activity and map data for reference only.

Geographic Information System
Fire Alarm Office
702-228-0622

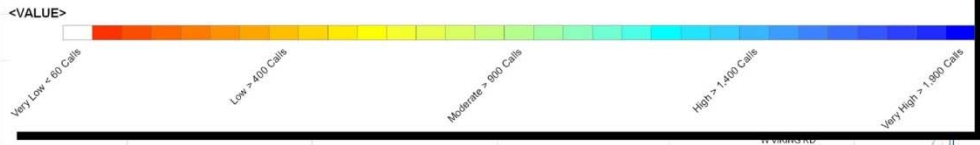



March 1, 2010

2009 EMS & FIRE Hot Spots for Ward One



2009 Total Call Volume Density for Ward 1



- Ward 1
- Existing Fire Stations
- City Limits
- Railroads
- Interstate
- Major Streets






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GIS maps are normally produced only to meet the needs of the Fire Departments. Due to continuous development activities this map is for reference only.

Geographic Information System
Fire Alarm Office
(702) 259-0062




March 1, 2010

CSN & LVFR Opportunities

CSN

- Leverage LVFR capital funding to construct CSN classroom space
- Complete needed infrastructure improvements – ½ street, lighting, parking, and drainage

LVFR

- Utilize undeveloped CSN land for new station that meets community needs;
- Renovate old station for staging/placement of unique apparatus for deployment
- Centralized training facility – usage of CSN classroom space

Joint

- Enhance CSN academic programs
- Develop K-12 programmatic opportunities (career and technical academy)
- Opportunity for LVFR staff to complete degree programs

Project Requirements:



Board of Regents

- Board required value of building for CSN must be equal to appraised value (\$1.8M)
- Maintain look/feel of the College's campus
- Minimum square footage = 4,070
- State Public Works Board Building Official



City of Las Vegas

- City policy requires LEED certification for construction
- Minimum square footage = 10,770
- Secured facility requirements on an open College campus
- Maintain look/feel of a Fire Station

Project Pricing changes:

Feasibility Study
October 2006 Price
estimates = \$8.3M
City space: 10,770
CSN space: 4,070
Total cost: \$559.30 per sq. ft
(all costs)

**Nevada Economy
downturns
Negotiations
resume**
January 2008
Project funds = \$7M

Construction Docs/CMAR
GMP = \$7M
City space: 10,790
CSN space: 4,633
Total cost: \$453.87
per sq ft
(all costs)

Design Highlights

- Integration of two public agencies while maintaining separate operations
- Focus on sustainability
- Showcase lobby to highlight education and history of Las Vegas Fire Service
- Interior space designed with sound controls in mind
- Four-bay station to house one reserve unit for educational purposes
- Design includes exterior memorial plaza



Sustainability Features:

Water Use
Reduction

Daylight Control
& Views

Renewable
Energy

Optimize Energy
Performance

Reflective Roof

Ventilation
Effectiveness &
Controllability of
Systems



Partnership Opportunities:

- Collaboration outside the physical space:
 - Enrichment of the College's academic program
 - Career/Technical Academy with neighboring high school
 - Development of credit based Fire Training Academy (Rookie School)
 - Re-evaluation of academic program







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November 1, 2009





Thank you for your time.

