



APPLICATION FOR INITIAL AUTHORIZATION AS A  
CENTER FOR THE TREATMENT OF TRAUMA

Name of Institution: SPRING VALLEY HOSPITAL MEDICAL CENTER

Street Address: 5400 S RAINBOW BLVD

City: LAS VEGAS State: NEVADA Zip Code: 89118

Telephone: 702-853-3000 FAX: 702-853-3340 E-Mail: leonard.freehof@uhsinc.com and stephanie.lim@uhsinc.com

Owner of Facility: VALLEY HEALTH SYSTEM LLC d/b/a SPRING VALLEY HOSPITAL MEDICAL CENTER

Street Address: 5400 S RAINBOW BLVD

City: LAS VEGAS State: NEVADA Zip Code: 89118

Telephone: 702-853-3000 FAX: 702-853-3340 E-Mail: leonard.freehof@uhsinc.com

Hospital Administrator/Director: Leonard Freehof

Contact Person for Application Processing: Leonard Freehof

Telephone: 702-853-3308 FAX: 702-853-3340 E-Mail: leonard.freehof@uhsinc.com

Level of Center for the Treatment of Trauma being sought:

Level I  
Pediatric Level I

Level II  
Pediatric Level II

Level III

Population to be served and the extent to which the population is currently underserved:  
Please see attachment

Proposed geographic area to be served, including consideration of distance from existing trauma centers already serving the geographic area and the potential impact on the trauma system:  
Please see attachment

Briefly describe the hospital's capacity to provide trauma services in the community:  
Please see attachment

Briefly describe the hospital's capabilities to provide trauma services in the community:  
Please see attachment

Briefly describe the hospital's longitudinal commitment (expected to be greater than five years) to provide trauma services in the community:  
Please see attachment

Additional information the applicant would like to provide in support of their request:  
Please see attachment


The following are conditions of authorization as a center for the treatment of trauma in Clark County. By signing the application, the administrators of the hospital and the medical director of the center for the treatment of trauma acknowledge these conditions and agree to:

1. Comply with the requirements of the graduated process for authorization and designation as a center for the treatment of trauma as defined in the Clark County Trauma System Regulations Section 300.000, subsections IV-VI;
2. Submit trauma data to SNHD and the State Trauma Registry;
3. Actively participate in the Regional Trauma Advisory Board and Trauma System Performance Improvement activities;
4. Provide standard financial information to assist in the assessment of the financial stability of the trauma system; and
5. Comply with all applicable SNHD regulations and State Health Division requirements for authorized and designated centers for the treatment of trauma.

I have read and completed the application to the best of my ability and attest to the fact the information provided is true and complete to the best of my knowledge.

I authorize the release of such information as may pertain to the purpose of this application.

I understand that any misstatements or omissions of material facts may cause forfeiture of the right to authorization as a center for the treatment of trauma.

Signature of Hospital Administrator or Owner:  Date: 8/9/18

Printed Name of Hospital Administrator or Owner: Leonard Freehof

Title of Person signing the Application: Chief Executive Officer

ATTACHMENT FOR THE  
APPLICATION FOR INITIAL AUTHORIZATION AS A  
CENTER FOR THE TREATMENT OF TRAUMA

Spring Valley Hospital Medical Center (SVH), opened in 2003, is the first acute care hospital in the southwest Las Vegas. Our mission at SVH is to provide a culture of excellence where committed employees, physicians, and volunteers deliver safe quality patient care to our community. To carry out this mission, SVH strives to be the healthcare provider and employer of choice for the Las Vegas community and beyond.

This four-story facility, with 364 licensed beds (all private rooms), 24-bed Observation Unit and two Medical Office Buildings, sits on a 35.5 acre campus. SVH offers the most comprehensive services in the southwest Las Vegas including cardiac cath, open heart, obstetrics, gynecology, stroke, neurosurgery, ortho/spine, in- and outpatient rehab, advanced wound care with hyperbaric, and robotic services. SVH is the first hospital in the southwest to offer neonatology services, become a certified Chest Pain Center and an Advanced Primary Stroke Center. SVH remains the only acute care facility in the southwest to offer Level III NICU, neuro-coiling and thrombectomy for large vessel occlusion, hybrid OR with transcatheter aortic valve replacement program (TAVR), limb salvage program, and inpatient rehabilitation.

Spring Valley Hospital Medical Center is seeking approval to become a Level III Trauma Center. According to the American College of Surgeons – Committee on Trauma, a Level III Trauma Center provides trauma care based on the defined scope of care and expertise available at the facility. A Level III Trauma Center supplements the clinical activities and expertise of the Level I and II trauma centers by providing definitive care to the less severely injured patients in the region, leaving the comprehensive trauma resources available to the most severely injured patients and arrange for patient transfer to a higher level of care when needed.

As the hospital that provides the most comprehensive services to the southwest Las Vegas and Pahrump communities, and is not in close proximity to existing trauma centers, coupled with the hospital's commitment to support the growing community, SVH is well-positioned to be a Level III Trauma Center.

**Population to be served and the extent to which the population is currently underserved:**

The Clark County population has increased by 11.94% over the past five years, from 2.01M in 2012 to 2.25M in 2017, with an average annual growth rate of 2.39%. In the last year, the population grew from 2.21M in 2016 to 2.25M in 2017, a 1.96% growth in one year (Clark County Department of Comprehensive Planning. Source: Southern Nevada Consensus Population Estimate, August – Roll Close 2017). Additionally, the Las Vegas Convention and Visitors Authority Historical Las Vegas Visitor Statistics shows a significant increase in annual visitors to Las Vegas. In 2012, a total of 39.7M visitors came to Las Vegas compared to a total of 42.2M in 2017, which is 6.26% increase.

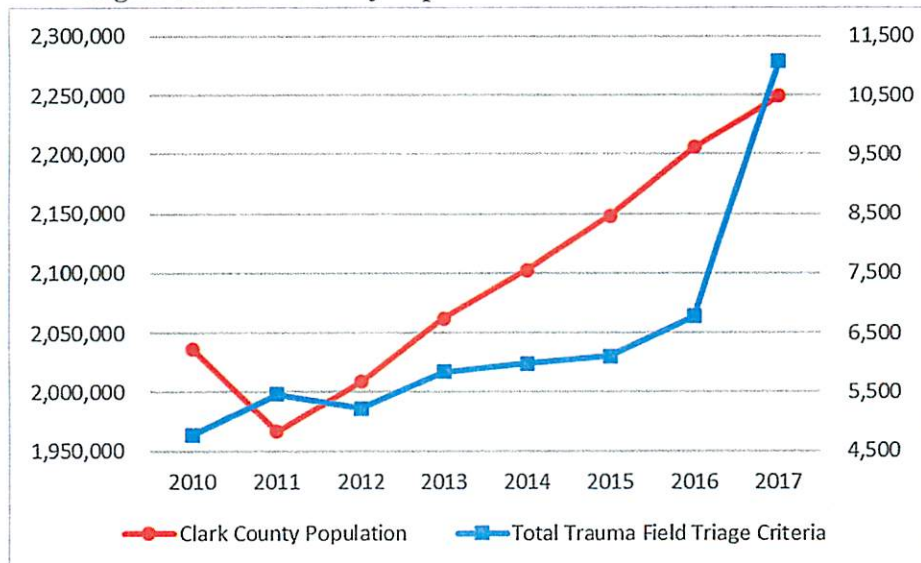
Meantime, the southwest Las Vegas area is growing at a faster rate than Clark County. Based on Clark County data, the southwest Las Vegas population grew by 23.13%, from 306K in 2012 to 376K in 2017,

which is almost twice the growth rate for Clark County. Pahrump, also a catchment area within the southwest Las Vegas, experienced a 2.80% growth in their population between 2010 Q3 and 2015 Q3 (Nye County Population Estimates: <http://www.nyecounty.net/463/Population-Estimates>). The two areas combined (southwest Las Vegas and Pahrump) experienced a population growth of 20.87% over the past five years (See Appendix I); significantly higher than the 11.94% rate for Clark County.

Population projections suggests that the growth will continue. The Nevada State Demographer’s Office projects that the Clark County’s population will grow by 0.9% in the next year (Population Projections for Nevada Counties 2015 to 2019: <http://nvdemography.org/wp-content/uploads/2015/02/March-2015-Five-Year-Projections.pdf>). However, the Population Forecasts: Long-Term Projections for Clark County Nevada Report forecast a more optimistic view with population growth projected to be at 8.9% in the next five years (See Appendix II), and average of 1.79% annual growth. Based on Intellimed data, between 2017 and 2022, the Clark County population is projected grow by 8.8%, while the southwest Las Vegas (including Pahrump) population will continue to grow by 11.4% in the next five years, faster than the projected growth for Clark County (See Appendix III).

As population continues to grow, the volume of trauma patients increased over the past few years. Based on 2017 Annual Trauma Report by the Department of Health and Human Services (Division of Public Health and Behavioral Health), Clark County treated 6,035 trauma cases (Rate: 241.1 per 100,000 county residents), which is an 18.1% increase from 2016, and Nye County treated 420 cases (Rate: 1,026.7 per 100,000 county residents). Report from Southern Nevada Health District (SNHD) shows a more significant increase in trauma patients in the recent years. While Clark County population grew by 2.68% from 2015 to 2016 and 1.96% from 2016 to 2017, the volume of trauma patients grew by 10.82% from 2015 to 2016 and 63.37% from 2016 to 2017.

**Figure 1: Clark County Population and Total Trauma Trends**



Source: Clark County Demographics and SNHD Trauma Field Triage Criteria (TFTC) All Patients (Total trauma volume does not include trauma volume reported by the non-trauma hospitals to the Nevada Department of Health and Human Services)

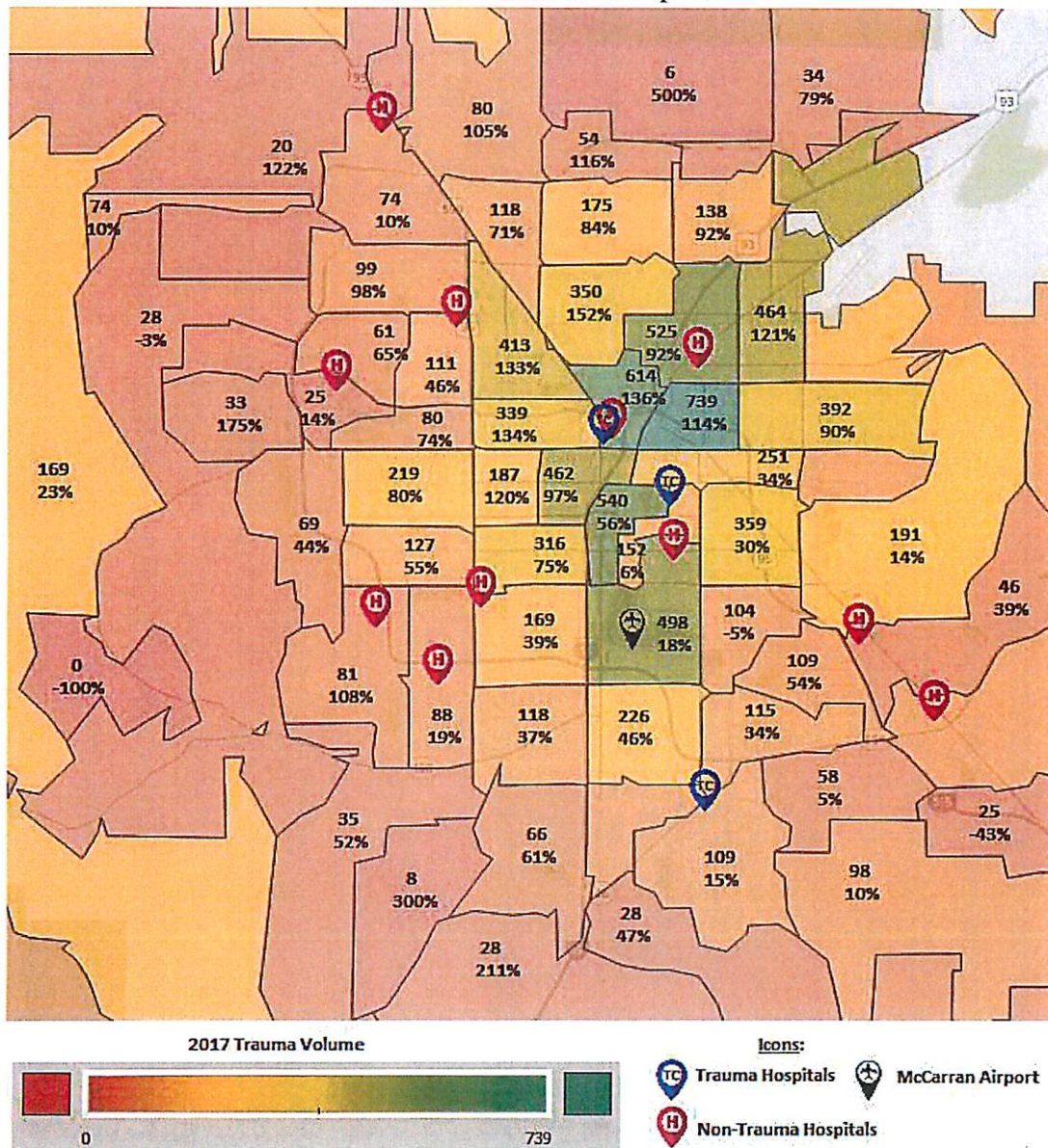


**Table 1: All Trauma Transports into Clark County**

Trauma	2016	2017	% YOY
Clark County Transports	6,428	10,679	66.13%
Out of County Transports	342	381	11.40%
<b>Total Transports</b>	<b>6,770</b>	<b>11,060</b>	<b>63.37%</b>

Source: Clark County Demographics and SNHD Trauma Field Triage Criteria (TFTC) Data  
 (Total trauma volume does not include trauma volume reported by the non-trauma hospitals to the Nevada Department of Health and Human Services)

**Figure 2: Trauma Transport Heat Map with 2017 Transport Data and the Percentage Increase from Prior Year for Each Zip Code**



Source: SNHD TFTC Data

(Total trauma volume does not include trauma volume reported by the non-trauma hospitals to the Nevada Department of Health and Human Services)

The trauma transports from out of county grew by 11.40%, while trauma transports within Clark County grew by 66.13%. Of the 73 zip codes in Clark County where trauma patients originated, only 6 zip codes experienced a decrease in trauma patients over prior year.

Figure 2 depicts the number trauma transports with from each zip codes within Las Vegas and Henderson for 2017, including the percent increase or decrease from prior year. Zip codes with high concentration of trauma volume resides around downtown Las Vegas area (including west and north east of downtown) as well as those zip codes near the Las Vegas Strip. On the west of I-15, a majority of the trauma volume is concentrated in the central Las Vegas area (near UMC) and the southwest area, near SVH. The five zip codes adjacent to SVH had 818 total transports in 2017, which grew between 19% to 75% in transport volume compared to prior year. This is due to maturation of the community development, increasing the density of population in the zip codes, especially in the central Las Vegas and southwest Las Vegas.

The increase in trauma patients occurred in all four quarters compared to prior year. This means that the significant increase between 2016 and 2017 could not be directly correlated with the October 1<sup>st</sup> incident. Additionally, the majority of the volume increase that Clark County experienced was in TFTC Step 4 patients (343.8% in compared prior year), while there was a 11.3% increase in volume for TFTC Step 3 patients and a 2.9% increase in volume for TFTC Step 2 patients compared to prior year. However, TFTC Step 1 patients decreased by 2.9% compared to prior year.

**Table 2: Clark County TFTC Trends by Quarter**

Clark County	Volume		
	2016	2017	YOY
Q1	1,451	2,418	66.6%
Q2	1,611	2,872	78.3%
Q3	1,650	2,717	64.7%
Q4	1,712	2,669	55.9%

Source: SNHD TFTC Data

(Total TFTC with Valid Transport Time. The total trauma volume also does not include trauma volume reported by the non-trauma hospitals to the Nevada Department of Health and Human Services)

**Table 3: Clark County TFTC Trends by Step**

Clark County	2016					2017					YOY
	TFTC	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	
Step 1	152	157	106	74	489	169	144	76	86	475	-2.9%
Step 2	159	174	215	214	762	173	192	182	237	784	2.9%
Step 3	905	997	1,088	1,082	4,072	1,057	1,145	1,148	1,181	4,531	11.3%
Step 4	235	283	241	342	1,101	1,019	1,391	1,311	1,165	4,886	343.8%

Source: SNHD TFTC Data

(Total TFTC with Valid Transport Time by Step. The total trauma volume also does not include trauma volume reported by the non-trauma hospitals to the Nevada Department of Health and Human Services)

Unlike Clark County trends, the southwest area of Las Vegas experience increased in all volumes within TFTC Step 1 through 4. In fact, TFTC Step 4 volume experienced the most increase (397.5%) and TFTC

Step 3 patients increased by 6.0% compared to prior year. That, coupled with the increase in population in southwest Las Vegas area, has increase the need for a Level III Trauma Center in the area.

**Table 4: Southwest Las Vegas TFTC Trends by Quarter**

Southwest LV	2016					2017					YOY
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total	
Step 1	17	12	13	6	48	14	26	13	12	65	35.4%
Step 2	14	13	16	21	64	13	15	17	27	72	12.5%
Step 3	107	115	170	139	531	108	150	147	158	563	6.0%
Step 4	18	25	16	22	81	79	125	103	96	403	397.5%

Source: SNHD TFTC Data

(Total TFTC with Valid Transport Time by Step. Total trauma volume does not include trauma volume reported by the non-trauma hospitals to the Nevada Department of Health and Human Services)

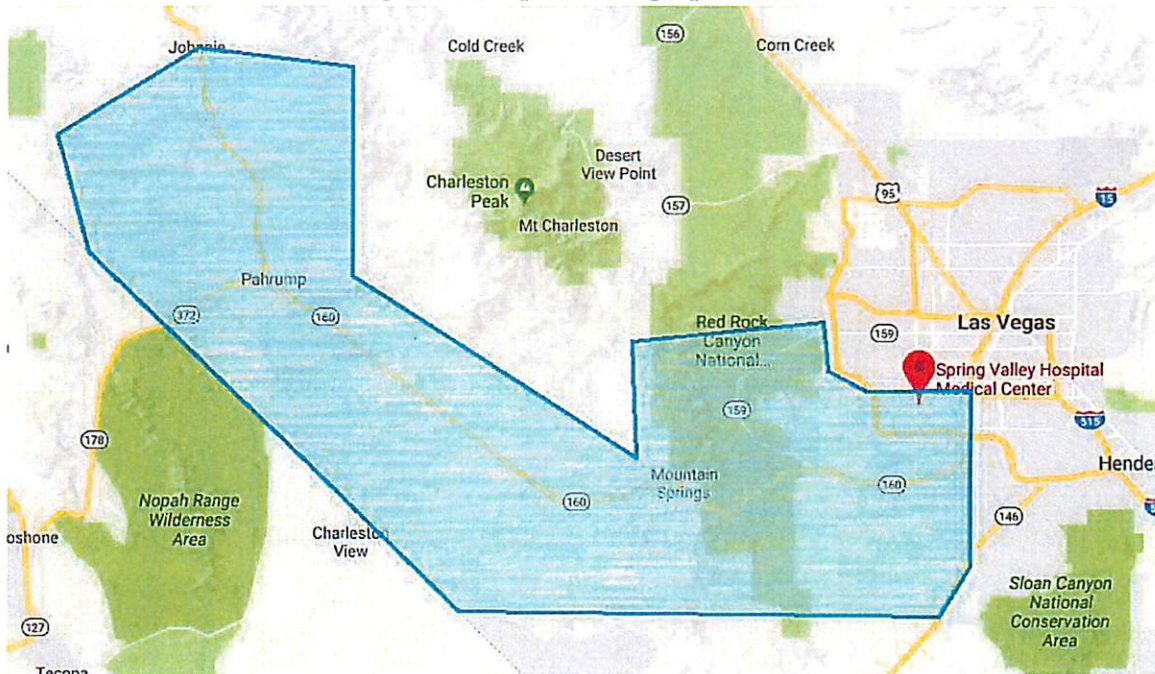
Trauma volume is expected to rise along with the projected population increase in Clark County. This, coupled with increased in annual visitors to Clark County, further compounds the need for another trauma hospital within the valley. Specifically within the southwest Las Vegas area, the combination of population growth (where population growth is projected to grow at a faster rate than the rest of the valley), lack of immediate trauma access and current trauma transport trends, Spring Valley Hospital is the ideal hospital to add a Level III Trauma Center to Southern Nevada’s existing Trauma System. Establishing Spring Valley Hospital as a Level III trauma center will provide trauma services in closer proximity to the area in the southwest Las Vegas where demand is demonstrated and the population is projected to grow at a faster rate than Clark County.



**Proposed geographic area to be served, including consideration of distance from existing trauma centers already serving the geographic area and the potential impact on the trauma system:**

Due to historical increase in population, projected future growth in population as well as significant and on-going development, coupled with the lack of quick access for trauma services within the southwest Las Vegas region, Figure 2 show the geographic area to be served by Spring Valley Hospital’s Level III Trauma Center. This area includes the following zip codes in Clark County: 89004, 89103, 89113, 89118, 89135; 89139, 89141, 89147, 89148, 89161, 89178 and 89179; and Pahrump: 89041, 89048, 89060 and 89061.

**Figure 3: Proposed Geographic Area**



Source: Google Maps

The three trauma facilities that serves the Southern Nevada residents are University Medical Center – Level I Trauma (9 miles from SVH), Sunrise Hospital – Level II Trauma (9 miles from SVH), and Siena Hospital Level III Trauma (13 miles from SVH). With trauma facilities located centrally within Clark County, there is a lack of geographic coverage in the southwest Las Vegas area. These hospitals are located anywhere between 9 miles (89118 to UMC) to 62 miles (Pahrump to Sunrise) driving distance. In terms of drive time between the center of 89118 and UMC or Siena, both are within 16 minutes’ drive (without traffic) and Sunrise is 20 minutes’ drive (without traffic). The drive time increases during peak traffic hours creating access issues for trauma services. Increased tourist traffic to Clark County (with over 42.2 million visitors in 2017) also contributes to the congestion seen in this city (See Appendix IV for driving distance and time to closest trauma center compared to SVH).

Based on SNHD transport data, Clark County median transport time is 15.0 minutes in 2016 and 15.8 minutes in 2017. This median transport time in 2017 of 15.8 minutes is greater than the transport goal of 15.0 minutes or under for trauma services. The average quarterly transport volume increased 66.2% while the median transport time increased 5.3%.

**Table 5: Clark County TFTC Volume and Median Time Trends by Step**

Clark County	2016					2017					YOY
	Step	1	2	3	4	All	1	2	3	4	
Volume	489	762	4,072	1,101	6,424	475	784	4,531	4,886	10,676	66.2%
Median Time	12.00	12.20	15.70	15.60	15.00	13.20	13.20	15.80	16.20	15.80	5.3%

Source: SNHD TFTC Data

(Total TFTC with Valid Transport Time by Step. Total trauma volume does not include trauma volume reported by the non-trauma hospitals to the Nevada Department of Health and Human Services)

Additionally, the transport times for Step 3 and 4 patients are greater than 15 minutes. This value increased by 0.6% for Step 3 patients and 3.8% for Step 4 patients between 2016 and 2017.

**Table 6: Clark County TFTC Median Time Trends by Step**

Clark County	Median Time		
	2016	2017	YOY
Step 1	12.00	13.20	10.0%
Step 2	12.20	13.20	8.2%
Step 3	15.70	15.80	0.6%
Step 4	15.60	16.20	3.8%

Source: SNHD TFTC Data

(Total TFTC with Valid Transport Time by Step. Total trauma volume does not include trauma volume reported by the non-trauma hospitals to the Nevada Department of Health and Human Services)

In 2017, the southwest Las Vegas area (in the proposed zip codes) median transport times are significantly higher, averaging at 20.4 minutes, which is 29.1% higher than 15.8 minutes in Clark County. Although transport times for Step 3 patients in the southwest Las Vegas maintained at 20.8 minutes, Step 4 patients from the same area increased by 4.0%.

**Table 7: Southwest Las Vegas TFTC Median Time Trends by Step**

Southwest Las Vegas	Median Time		
	2016	2017	YOY
Step 1	17.2	17.4	1.2%
Step 2	19.1	18.2	-4.7%
Step 3	20.8	20.8	0.0%
Step 4	20.2	21.0	4.0%

Source: SNHD TFTC Data

(Total TFTC with Valid Transport Time by Step. Total trauma volume does not include trauma volume reported by the non-trauma hospitals to the Nevada Department of Health and Human Services)

The transport times for Step III and Step IV patients in southwest Las Vegas are also greater than 15 minutes. In fact, patients transported from the southwest Las Vegas area experienced a 37.3% higher transport times in 2016 and 29.1% higher transport time in 2017 than patients from all over Clark County for all Step Levels.

**Table 8: 2016 and 2017 TFTC Median Time for Step I through IV by Area**

Area	2016					2017				
	Step 1	Step 2	Step 3	Step 4	All	Step 1	Step 2	Step 3	Step 4	All
Clark County	12.0	12.2	15.7	15.6	15.0	13.2	13.2	15.8	16.2	15.8
Southwest Las Vegas	17.2	19.1	20.8	20.2	20.6	17.4	18.2	20.8	21.0	20.4
% Increase from Clark County	43.3%	56.6%	32.5%	29.5%	37.3%	31.8%	37.9%	31.6%	29.6%	29.1%

Source: SNHD TFTC Data

(Total TFTC with Valid Transport Time by Step. Total trauma volume does not include trauma volume reported by the non-trauma hospitals to the Nevada Department of Health and Human Services)

The access issue is further compounded by the number of new homes and commercial developments being built in the southwest, which will further increase the number of residents and traffic in the southwest community (See Appendix V for a list of real estate and commercial development in the southwest within the last two years). The southwest region is the fastest growing area in Las Vegas and Clark County. The provision of Spring Valley Hospital Medical Center as a Level III Trauma Center would improve trauma access to the underserved population, allow better resource utilization for the critically injured patients and supplement the city’s emergency response capabilities.

Additionally, SVH’s intent is to pursue a Level III designation would allow SVH to treat Step 3 and Step 4 trauma patients, typically patients who are alert, orientated with stable vital signs, treated and discharged, not admitted for acute care services. This will complement the services provided by UMC Level I Trauma Center and Sunrise’s Level II Center by ensuring appropriate resource utilization for the critically injured patients. Plus, patients in the southwest Las Vegas and Pahrump would benefit greatly from shorter travel time to a trauma center offering one closer to home. Last but most importantly, SVH appreciates the value that existing trauma centers brings to the community and will continue to engage in a synergistic relationship with UMC and Sunrise (See Appendix VI for trauma transfers to both trauma facilities). SVH will focus on improving and guaranteeing Southern Nevada’s Trauma System to provide early-access, optimal care, and appropriate level of care based on the patients’ needs and the facilities’ capabilities according to the ACS criteria.

See Appendix VII for maps of TFTC incidents with transport times above 15 minutes by each trauma facility in 2016 and 2017.



**Briefly describe the hospital's capacity to provide trauma services in the community:**

SVH is located in the heart of the southwest Las Vegas. With 364 licensed all-private beds and a 24-bed Observation unit, SVH is the largest hospital in the southwest Las Vegas to care for trauma patients and expand as needed. Compared to other acute care facilities in the southwest Las Vegas area, SVH has the most capacity from bed number and operating rooms to the most number of employees and providers on medical staff.

- **Emergency Department (ED)**
  - 49-bed ED including 4 trauma rooms and 8 behavioral health rooms
    - Largest ED Unit in the southwest Las Vegas with over 50K ED visits per year
  - Treated 187 trauma patients in 2016 and 193 trauma patients in 2017, a 3.2% increase from prior year (Nevada Annual Trauma Report from the Division of Public and Behavioral Health)
  - EMS offload times averages at 5 minutes
  - Currently transfers to UMC's Trauma Level I and Sunrise's Trauma Level II Centers (See Appendix VI)
- **Helipad**
  - One helipad – able to accommodate all weight limits including military Blackhawk helicopters
  - Land available to build a 2nd helipad adjacent to the ED
- **Operating Room (OR)**
  - 11 OR Suites with 2 rooms dedicated to open heart surgeries
    - One of the open heart room is a hybrid OR with TAVR program (the only one within Valley Health System and within the southwest Las Vegas community)
  - Over 8,000 in- and outpatient surgeries performed last year
  - Highest Orthopedic volume in Clark County (2,902 cases in 2017)
  - Highest volume in the southwest Las Vegas for General Surgery (984 cases in 2017), Cardiac Surgery (250 cases in 2017), and Neurosurgery (192 cases in 2017)
- **Cardiology and Neurology**
  - 4 interventional procedure labs for cardiology, neurology and radiology - one lab specifically designed as a biplane lab – the only one in southwest Las Vegas
  - The only hospital in southwest Las Vegas capable of treating large vessel occlusions
  - Almost 1,400 cardiac catheters performed last year
  - The only hospital in the southwest Las Vegas with 3T MRI for neurology and stroke patients – produces higher quality detailed images
  - 64-sliced CT and 16-sliced CT; 3 X-Ray rooms and 5 portable X-Ray units; 3 Ultrasound units; 2 Nuclear Medicine Cameras; and 1 Breast imaging unit for needle localization
- **Women's Services**
  - Level II and III NICU – the only Level III NICU in the southwest Las Vegas
  - Only facility in Clark County with a separate entrance for the women's center open 24/7 for any pregnancy related concerns – EMS transports directly to the women's center entrance (bypassing ED and eliminating foot transport of patient from ED to women's center through the hospital)
- **Critical Care**
  - 39 ICU beds and 35 IMC beds (12 more under construction) with capacity to manage critical care patients

**Briefly describe the hospital's capabilities to provide trauma services in the community:**

SVH is the hospital in the southwest Las Vegas region that offers the most comprehensive services to its community and therefore, is best positioned to be a Level III Trauma Center. The following highlights SVH's capabilities and services:

- **History**
  - The first hospital to care for the southwest Las Vegas community and beyond since 2003 (15 years)
  - Part of the Valley Health System
  - 1,260 physicians and 179 allied health on medical staff
    - See Appendix VIII for support letter from Chief of Staff representing our Medical Staff
  - 1,186 employees (clinical and non-clinical)
- **Key Hospital Services**
  - ED
    - First Certified Chest Pain and Accredited Advanced Primary Stroke Center
    - Only hospital in the southwest Las Vegas that is able to treat large vessel occlusion patients (LVO) and on the EMS LVO destination protocol
    - ED physicians and mid-levels are available 24/7
      - All ED physicians are ATLS credentialed, board certified and/or board eligible
    - ED call coverage includes interventional cardiology, cardiac surgery, orthopedic surgery, general surgery, hand surgery, neurology, neurosurgery, non-surgical musculoskeletal, gastroenterology, laborists, outpatient OB/GYN, outpatient pediatrics, urology, as well as general medicine for inpatient and outpatient.
    - All ED nurses are PALS certified and half are Trauma Nurse Core Course certified
    - ER Reserve allows patients to schedule a visit with ED so patients can arrive in the ED for their scheduled visit and experience minimal wait time – this would be a huge benefit for TFTC Step 4 patients
  - OB
    - Largest NICU unit in the southwest Las Vegas with Level II and Level III NICU beds
    - The only hospital in the southwest Las Vegas with Level III NICU
    - First hospital in the southwest Las Vegas with an in-house laborist program available 24/7 to provide obstetrics services
  - Surgery
    - Cardiovascular / Open Heart surgery
      - Hybrid OR with TAVR program (first and only in the southwest Las Vegas)
    - ENT (ear, nose and throat) surgery
    - General Surgery
    - Gynecology Surgery
    - Neurosurgery
    - Oral/Maxillofacial surgery
    - Orthopedic Surgery with a dedicated Orthopedic Unit
      - Total Joint Program that is certified by The Joint Commission with the Advanced Total Hip and Total Knee Replacement Certification
    - Pediatric Surgery (outpatient only)

- Plastic Surgery
- Podiatric Surgery
- Spine Surgery
- Sports-Injury-Related Procedures
- Thoracic Surgery
- Urological Surgery
  - First hospital in Nevada and the only in the southwest Las Vegas to offer the Moses technology for laser treatments in urinary stones and benign prostatic hyperplasia (BPH)
- Vascular Surgery
- Minimally Invasive Surgery for ENT, General, Gynecology, Orthopedics, Neonatal Intensive Care, Vascular, Spine and Urology
- Robotic Surgery for General, Colorectal, Gynecology and Urology
  - First and only hospital in the southwest Las Vegas with the most advanced da Vinci system (da Vinci Xi)
- Cardiology
  - First hospital in southwest Las Vegas to be accredited by the Society for Cardiovascular Patient Care as Chest Pain Center with PCI
  - American Heart Association Heart Failure Gold Plus Award (2017)
  - First and only hospital in the southwest Las Vegas to offer laser lead extraction and artherectomy procedures
  - One of only two hospitals in the southwest Las Vegas to offer Impella device, the world's smallest heart pump, used for temporary ventricular support in people with depressed heart function
  - First and only hospital in the Las Vegas to achieve the 2018 Mission: Lifeline® STEMI Receiving Center Gold Plus Recognition Award
- Critical Care and Medical/Surgical
  - First hospital in southwest Las Vegas to introduce 24/7 in-house intensivists
  - First hospital in southwest Las Vegas to implement 24/7 in-house hospitalists; Second hospital in Clark County to adopt this model after UMC.
- Neurology/Stroke
  - First in the southwest Las Vegas to become an Advanced Primary Stroke Center
  - Receive the 2018 Get With The Guidelines® for Stroke Gold Plus Quality Achievement Award and Target: Stroke Elite Honor Roll Award
  - Medical Director of Stroke Program is Mayo Clinic-trained Neuro-Intensivist
- Other
  - 24/7 respiratory therapy, laboratory, pharmacy and radiology services (including interventional radiologists coverage)
  - EEG imaging services
  - On-call surgical, medical RNs, and support staff to support emergency services needs
  - Awarded The Joint Commission Disease Specific Certification for Sepsis
  - The only hospital in the southwest Las Vegas to offer inpatient acute rehabilitation unit
    - Offering specialized rehabilitation programs for those recovering from stroke, Parkinson's and other brain disorders, spinal cord and back injuries, and orthopedic

surgeries. Team also works with amputees, burn victims, those suffering from major trauma and other disabling conditions

- Advanced Wound Care and Hyperbaric Center
  - The only center in Las Vegas to offer Limb Salvage Program
  - The only center in Las Vegas to receive the distinguished President’s Circle for two years in a row and the 2017 Center of the Year award from Healogics, Inc. Nearly 700 wound care centers in the nation qualified for the award but only seven were honored, including SVH’s center.
- Outpatient therapy center offering speech, occupational and physical therapy. Facility features advanced technology:
  - AlterG Anti-Gravity Treadmill – the only outpatient therapy center in a hospital in Las Vegas to offer this machine designed by NASA to unweight patients enabling rehab with less pain, reducing injury risk
  - Bertec Balance Advantage – advanced, virtual reality type equipment for testing and treating patients with balance disorders
  - Kinesis One System – equipment allowing for zero-impact exercises that promote functional, rather than muscular training, focused on movement to improve strength, endurance, flexibility and posture control in any three-dimensional movement

On top of the services that SVH offers, SVH has been treating trauma patients. Since SVH currently treats trauma patients, a Level III Trauma designation will not have a negative impact on the existing trauma centers. The Annual Trauma Report by the Department of Health and Human Services shows that SVH treated 193 trauma patients in 2017 (3.2% increase from 2016), while the other existing trauma centers also experienced growth in trauma volume over prior year (Siena with 43.5%, Sunrise with 25.1% and UMC with 13.0%). Compared to the hospitals in the southwest Las Vegas, SVH has the highest volume of trauma (almost double the total trauma cases seen at both Southern Hills and San Martin Hospitals) and SVH is the only hospital that experienced an increase in trauma volume compared to prior year.

**Table 9: Trauma Volume from Non-Trauma Hospitals in Southwest Las Vegas**

Hospital	2016 Trauma Cases	2017 Trauma Cases	% In/Decrease from PY
Spring Valley Hospital	187	193	3%
Southern Hills Hospital	91	60	-34%
St. Rose - San Martin Hospital	100	41	-59%
<b>Total</b>	<b>2,178</b>	<b>2,535</b>	<b>16%</b>

Source: Nevada State Trauma Registry – Annual Trauma Report

Based on Intellimed data, SVH treated 187 trauma inpatients in 2017, an increase of 20.65% from 2016 with 155 trauma inpatients. SVH was the fourth hospital in Las Vegas with the most number of trauma inpatients, and within the southwest Las Vegas area, SVH treated the most number of trauma inpatients compared to other hospitals in the area.

**Table 10: Year over Year Inpatient Trauma Volume in Las Vegas Hospitals**

Trended Market Share

INTELLIMED Market Share Profile System

Period: 2017 4th Quarter, 2017 3rd Quarter, 2017 2nd Quarter, 2017 1st Quarter; Service Line (MS-DRG): Trauma Elapsed: 00:00:03  
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Facility	Volume			Percentage of Report Total			Rate of Change			
	Cases			Cases			Volume		Percentage	
	2015	2016	2017	2015	2016	2017	Period 2-1	Period 3-2	Period 2-1	Period 3-2
University Medical Center	1,064	1,188	1,146	43.04%	46.90%	42.92%	124	(42)	11.65%	-3.54%
Sunrise Hospital and Medical Center	641	606	648	25.93%	23.92%	24.27%	(35)	42	-5.46%	6.93%
Valley Hospital and Medical Center	234	175	194	9.47%	6.91%	7.27%	(59)	19	-25.21%	10.86%
Spring Valley Hospital and Medical Center	153	155	187	6.19%	6.12%	7.00%	2	32	1.31%	20.65%
Mountain View Hospital	141	138	129	5.70%	5.45%	4.83%	(3)	(9)	-2.13%	-6.52%
Centennial Hills Hospital and Medical Center	71	64	99	2.87%	2.53%	3.71%	(7)	35	-9.86%	54.69%
Saint Rose Dominican Hospital - Siena Campus	56	71	83	2.27%	2.80%	3.11%	15	12	26.79%	16.90%
Summerlin Hospital and Medical Center	40	40	62	1.62%	1.58%	2.32%	-	22	0.00%	55.00%
Desert Springs Hospital and Medical Center	21	23	48	0.85%	0.91%	1.80%	2	25	9.52%	108.70%
Henderson Hospital	-	2	29	0.00%	0.08%	1.09%	2	27	0.00%	1350.00%
Southern Hills Hospital and Medical Center	18	28	26	0.73%	1.11%	0.97%	10	(2)	55.56%	-7.14%
North Vista Hospital	11	10	8	0.44%	0.39%	0.30%	(1)	(2)	-9.09%	-20.00%
Saint Rose Dominican Hospital - San Martin Campus	12	19	6	0.49%	0.75%	0.22%	7	(13)	58.33%	-68.42%
Saint Rose Dominican Hospital - Rose De Lima Campus	10	14	5	0.40%	0.55%	0.19%	4	(9)	40.00%	-64.29%
<b>Report Total</b>	<b>2,472</b>	<b>2,533</b>	<b>2,670</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>61</b>	<b>137</b>	<b>2.47%</b>	<b>5.41%</b>

Source: Intellimed

(Trauma volume captured above reflects claims data captured by the following MS-DRGs: 082-090, 183-185, 604-605, 913-914, 955-957, and 963-965. Trauma patients, who were treated in the ER and discharged from ER, or were not admitted as inpatient status, are not included in this table.)

SVH's medical staff and employees further demonstrated their readiness to treat trauma patients as evidenced by the October 1<sup>st</sup> incident. We treated 53 patients that night and are proud to share that every patient who arrived alive at SVH, were treated and remained alive. Because SVH has been previously providing trauma services and their responsiveness to the October 1<sup>st</sup> incident, SVH is best poised to add a Level III Trauma Center in the Clark County.



**Briefly describe the hospital's longitudinal commitment (expected to be greater than five years) to provide trauma services in the community:**

In 2003, Spring Valley Hospital Medical Center was the first acute care hospital to open in the southwest Las Vegas. Since then, we are proud to have grown alongside our community. Our mission is to provide a culture of excellence where committed employees, physicians, and volunteers deliver safe quality patient care to our community. To carry out this mission, we strive to meet the needs of our community. Trauma services are not readily accessible to those living in the southwest Las Vegas area. We are prepared to our highest duty of developing, maintaining and sustaining a Level III Trauma Center for the southwest Las Vegas area, including the Pahrump community. We will support and enhance the current Trauma System, providing trauma coverage to all current and future communities throughout the southwest area of the valley. Our commitment is to provide this service for an indefinite amount of time.

SVH is motivated and prepared to meet and exceed all conditions of authorization as a Center for the treatment of Trauma as directed by the Clark County Trauma System Regulations Section 300.000: subsections IV-VI and the American College of Surgeons guidance and requirements for a Level III Trauma Center for Southern Nevada. SVH will also submit trauma data to SNHD, State Trauma Registry and American College of Surgeon National Trauma Data Bank/Trauma Quality Improvement Program. We plan to actively participate in the Regional Trauma Advisory Board, provide standard financial information to assist in the assessment of the financial stability of the trauma system and comply with all SNHD regulations and DPBH requirements for authorized and designated centers for the treatment of trauma.

In preparation for the added service, we have identified our trauma medical director, Dr. John Davis who accepted the position with much enthusiasm (See Appendix IX for letter of support). Dr. Davis was previously trained under Dr. John J. Fildes. Half of the ED staff are certified with the TNCC and the rest will be certified in preparation for the trauma designation. Within Spring Valley Hospital's Trauma Program, it is our intent to have a comprehensive Injury Prevention Program with Community Outreach, a multi-disciplinary Trauma Committee, an aggressive EMS Outreach Program and dedicated staff to focus on Trauma Registry and PIPS (Performance Improvement and Patient Safety). Additionally, SVH has the support from other system subject matter experts within the parent company, Universal Health Services (UHS) and its sister facilities (George Washington University Level I Trauma, Inland Valley Hospital Level II Trauma, and NorthWest Texas Hospital Level III Trauma Centers) for support and guidance. We have an integrated, concurrent performance improvement and patient safety program that will encompass trauma to ensure optimal care and continuous improvement in care, as well as well-defined transfer plans through the VHS Transfer Center. SVH will continue to engage in a synergistic relationship with UMC and Sunrise, focused on improving and guaranteeing Southern Nevada's Trauma System to provide early-access, optimal care, and appropriate level of care based on the patients' needs and the facilities' capabilities according to the ACS criteria. We have budgeted for Trauma Program Manager position for 2019, and anticipate hiring immediately per approval from SNHD. We have been and will continue to participate in any regional disaster management plans and exercises.

We have also garnered support from key leaders in our organization and community for support. See Appendix X for letter of supports.



**Additional information the applicant would like to provide in support of their request:**

Located just 4 miles west of the Las Vegas Strip, SVH is the closest hospital to the airport and south side of the strip. During October 1<sup>st</sup> incident, SVH received most of their patients through private transports prior to the S Las Vegas Blvd road closure. When the officials blocked S Las Vegas Blvd, that prevented traffic towards SVH and most were diverted towards the east side of town where Sunrise and Desert Springs Hospital received a majority of the patients. In fact, UMC is the only hospital that is a trauma center in the west side of the strip. Having another trauma center on the west side of the strip would be beneficial to the trauma system to address any trauma needs, especially if there is an incident that prevents access to the trauma centers on the east side of the city.

Additionally, SVH is the closest hospital on the west side of the strip to the T-Mobile Arena, the soon-to-be Las Vegas Raiders Stadium, and the Las Vegas McCarran International Airport. T-Mobile Arena, which host 100 to 150 events annually with seating capacity up to 20,000 seats (T-Mobile Arena: <http://www.t-mobilearena.com/arena-information/quick-facts>), is highly trafficked along with our city's airport, which set a record last year with 48.5 million passengers (Las Vegas Review Journal: <https://www.reviewjournal.com/business/tourism/las-vegas-airport-sets-record-with-48-5m-passengers-in-2017/>). With the much-anticipated Las Vegas Raiders Stadium coming to fruition in 2020, the west side of the strip will also see a significant increase in activity. Thus, another trauma center in the west side of the strip, located close to the strip, arena, stadium and airport, will improve SNHD Trauma System's readiness to respond to any incidents in these highly trafficked areas. SVH's location makes it ideal to be the next Level III Trauma Center.

Additionally, SVH has a few structures and processes necessary for the Level III Trauma designation that are already in place, including but not limited to:

- Emergency physicians covering in-house emergencies 24/7.
- 24/7 in-house hospitalists, intensivist, and laborist.
- 24/7 general surgical, orthopedic, urology, cardiology, cardiac surgery, neurology and neurosurgery coverage.
- On-call surgeons will be in the ED within 30 minutes or less.
- Peer review process to identify events, develop corrective action plans, ensure methods of monitoring, reevaluation, and benchmarking.
- Participation in regional disaster management plans and exercises.
- SVH has 0.30% diversion (internal disaster) in 2017 and year-to-date June 2018 of only 0.06% internal disaster. SVH commits to minimal bypass (internal disaster) and are currently meeting the standards set by American College of Surgeons criteria for trauma centers (trauma centers must not be on bypass or diversion more than 5% of the time). When internal disaster occurs, SVH notifies dispatch and EMS agencies.
- Existing working relationship to transfer patients needing higher level of trauma treatment to UMC and to Sunrise for pediatric trauma and cardiac NICU.
- Coagulation studies, blood gas analysis, and microbiology studies available 24 hours per day, including blood bank for transfusion.
- Physical therapy, occupational therapy, speech therapy and social services available.
- Transfer agreement with UMC for trauma and burn patients.



- Participate in collecting and submitting trauma data to the Nevada Trauma Registry.
- Engage public and professional education and will continue to do so for trauma services.
- Participate with the Nevada Donor Network. Solid organ donation rate of 10.57% in 2017 and 4.65% for April YTD - Highest donor rate for a non-trauma hospital and 2<sup>nd</sup> highest in Las Vegas.

The addition of Spring Valley Hospital Medical Center as a Level III Trauma Center would also accomplish the following:

- **Increase patient access to trauma services:** Existing trauma hospitals in Clark County are located close to downtown, east Las Vegas and in Henderson. This addition in the southwest Las Vegas ensures timely and equal access to trauma services for the communities in southwest Las Vegas.
- **Improved emergency medical response times:** The addition of a trauma center would reduce the out-of-service time for Fire and EMS transports, allowing our first responder teams to quickly turnaround and respond to other emergency needs. Hence, the addition will improve emergency medical response time, efficiency of the trauma system and ultimately benefit the Clark County residents.
- **Responsiveness to mass casualty threats:** As homeland security issues becomes an increasing concern, coupled with Las Vegas being a destination site with over 42 million visitors in 2017, federal officials awarded \$5 million from the Urban Area Security Initiative awards, an anti-terrorism grant, to Nevada (Chicago Tribune: <http://www.chicagotribune.com/news/sns-bc-us--homeland-security-tourist-destinations-20180604-story.html>), nearly doubled what Nevada received last year. With an increasing spotlight to prevent and be prepared to respond to mass casualty events, it would be prudent to add another trauma center that is located close to the Strip and McCarran International Airport to respond to mass casualty issues. Another Level III Trauma Center would also free up resources from the existing Level I and II Trauma Centers to focus on critically injured patients who need higher-level trauma services. This would improve the health outcome of those who are injured by ensuring appropriate resource utilization of trauma services.
- **Meet trauma needs for senior citizens:** Based on 2017 Annual Trauma Registry Report, seniors are more likely to have a trauma with 41% of trauma occurring in residential areas and 46% of trauma due to falls, which are lower level acuity traumas and can easily be treated in a Level III Trauma Center. As southwest Las Vegas continues to grow, the number of senior population continues to increase and that number is further compounded by the increase in snowbirds in Las Vegas. Additionally, with five 55+ age restricted communities (Trilogy Summerlin – 354 total homes, Siena – 2001 total homes, Regency at Summerlin – 434 total homes, Rancho Las Brisas – 180 total homes, and Royal Ridge – 283 total homes), located within 2- to 5- mile radius of SVH, the addition of SVH as a Level III Trauma Center will increase trauma access for these residents.
- **Elevate the trauma system:** With the additional trauma center in the southwest Las Vegas, there will be sufficient resources to meet the needs of those injured in the community. The commitment that SVH has in delivering quality care will ensure that trauma patients who are currently being seen at SVH will be triaged and treated using the standards set forth by the American College of Surgeons for Level III. The implementation of performance improvement activities centered around trauma services at SVH will ensure the quality of care delivered. Participation with the

Nevada Trauma Registry and at SNHD will allow us to share best practice and continue to work together as a system to improve the trauma services for our community.

By selecting Spring Valley Hospital as the hospital to build a Level III Trauma Program, the residents of southwest Las Vegas will be able to access trauma services faster and closer to home. Addressing the need of the community through a hospital partner that is truly committed to meet the needs of the community and provide the best quality trauma service will help Southern Nevada Health District achieve their goals and mission for the Clark County Trauma System.

Thus, we appreciate Southern Nevada Health District's support for Spring Valley Hospital Medical Center in pursuing a Level III Trauma Center.

APPENDIX I

**Southwest Las Vegas and Pahrump Population Growth**

Zip Code	City	2012	2017	% Change
89004	Blue Diamond	281	307	9.25%
89103	Las Vegas	46,033	49,626	7.81%
89113	Las Vegas	22,460	30,881	37.49%
89118	Las Vegas	24,518	25,293	3.16%
89135	Las Vegas	25,487	31,224	22.51%
89139	Las Vegas	32,259	40,705	26.18%
89141	Las Vegas	25,951	32,782	26.32%
89147	Las Vegas	52,275	59,476	13.78%
89148	Las Vegas	45,233	62,538	38.26%
89161	Las Vegas	366	471	28.69%
89178	Las Vegas	27,131	34,218	26.12%
89179	Las Vegas	4,067	9,325	129.28%
89041, 89048, 89060, 89061	Pahrump*	38,243	39,312	2.80%
<b>Total</b>		<b>344,304</b>	<b>416,158</b>	<b>20.87%</b>

Clark County, Nevada 2012 and 2017 Population Estimates

\* Pahrump data is based on Pahrump 2010 Q3 and 2015 Q3 Population Estimates provided by Nye County: <http://www.nyecounty.net/index.aspx?NID=463>

APPENDIX II

**Clark County Final Population Forecast**

Year	Population Forecast	Change in Population Forecast	Growth in Population (Percent)
2017	2,248,000	42,793	1.9%
2018	2,291,000	43,000	2.1%
2019	2,334,000	43,000	2.0%
2020	2,375,000	41,000	1.9%
2021	2,414,000	39,000	1.8%
2022	2,449,000	35,000	1.6%
<b>Total Over 5 years</b>			<b>8.9%</b>

Source: Population Forecasts: Long-Term Projections for Clark County, Nevada 2017-2050 by The Center for Business and Economic Research, June 08, 2017.

(<http://www.clarkcountynv.gov/comprehensive-planning/advanced-planning/Documents/Long-Term%20Projections%20for%20Clark%20County%2C%20Nevada%202017-2050.pdf>)

APPENDIX III

Clark County 2017 Population = 2,192,894

Clark County 2022 Population = 2,386,460

% Population Growth = 8.8%

**Southwest Las Vegas Demographic Data and Growth Projections by Zip Code**

Zip Code	City	Intellimed Data		
		2017 Population	2022 Population	% Change
89004	Blue Diamond	154	156	1.3%
89103	Las Vegas	49,607	52,807	6.5%
89113	Las Vegas	29,414	33,417	13.6%
89118	Las Vegas	24,809	26,595	7.2%
89135	Las Vegas	29,732	33,411	12.4%
89139	Las Vegas	38,841	44,210	13.8%
89141	Las Vegas	31,941	36,732	15.0%
89147	Las Vegas	54,534	58,870	8.0%
89148	Las Vegas	53,408	61,829	15.8%
89161	Las Vegas	353	414	17.3%
89178	Las Vegas	33,171	38,327	15.5%
89179	Las Vegas	9,482	12,107	27.7%
89041	Pahrump	-	-	0.0%
89048	Pahrump	21,892	22,792	4.1%
89060	Pahrump	10,240	10,354	1.1%
89061	Pahrump	5,305	5,690	7.3%
<b>Total</b>		<b>392,883</b>	<b>437,711</b>	<b>11.4%</b>

Source: Intellimed Data

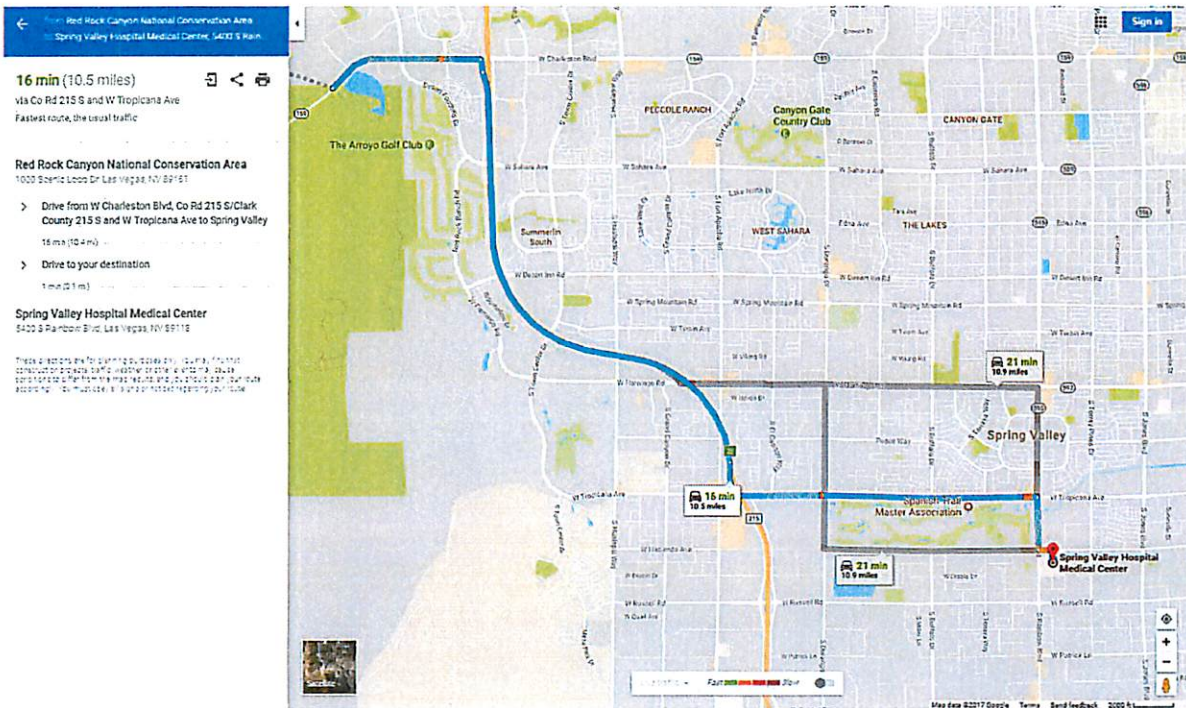
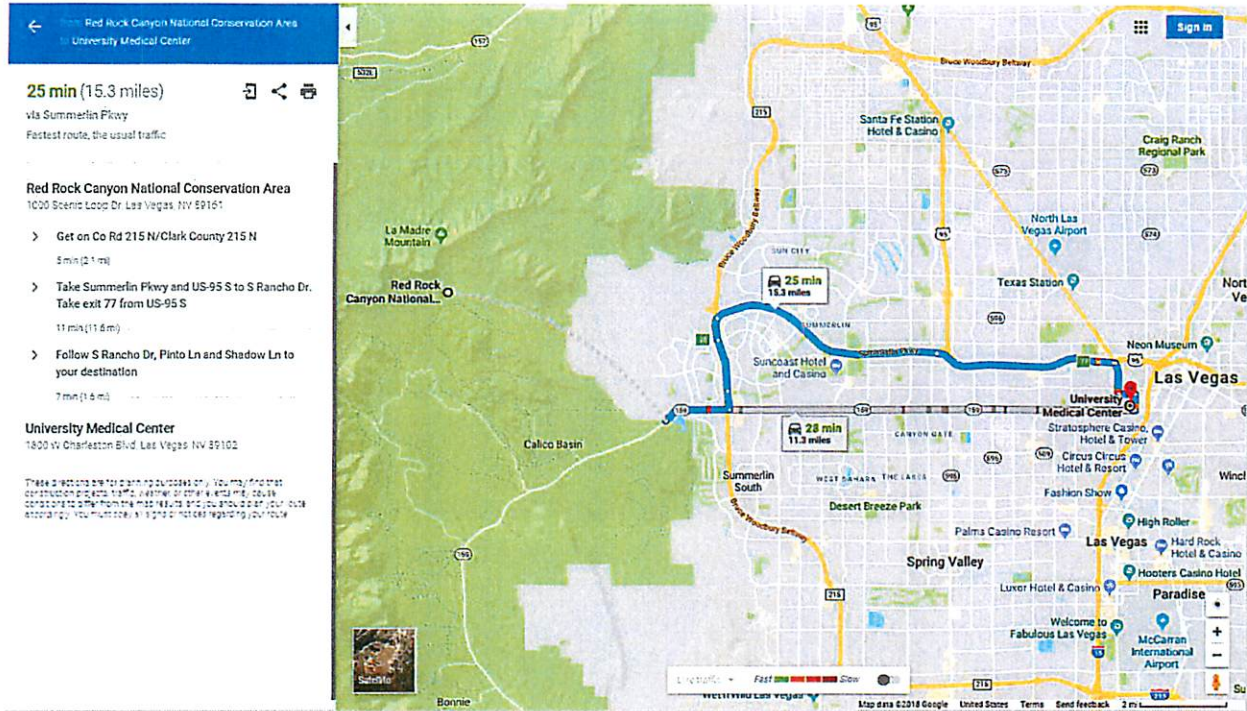


## APPENDIX IV

Examples of driving distance and time to closest trauma center compared to SVH.

### a) From Red Rock

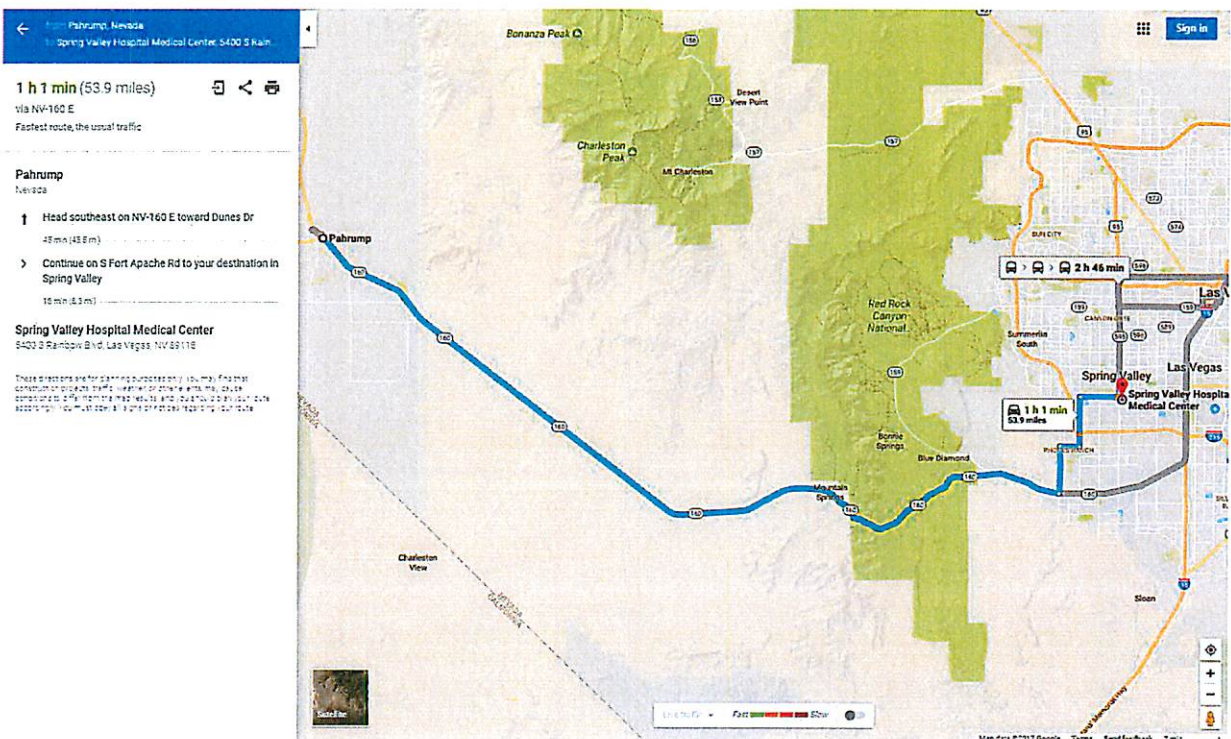
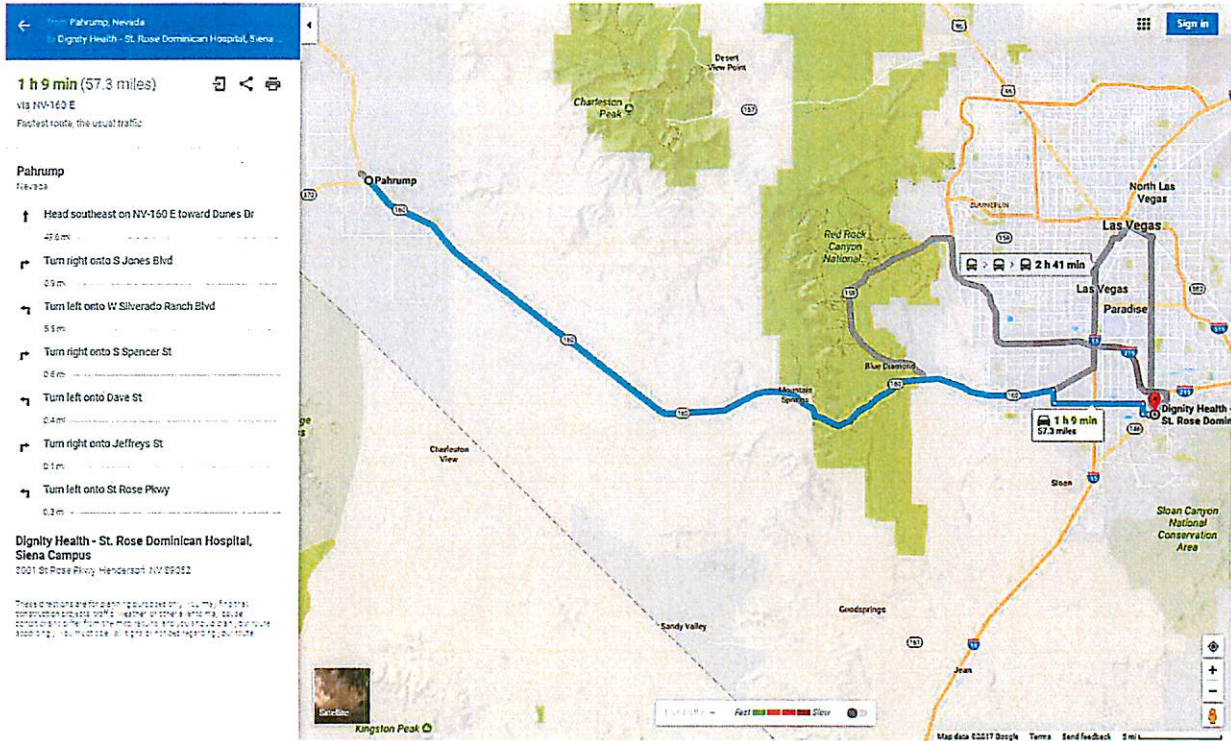
- To UMC (14.9 miles in 22 minutes) compared to SVH (10.5 miles in 16 minutes)





b) From Pahrump, NV

- To St. Rose Dominican – Siena Campus (57.3 miles in 1 hour 9 minutes) compared to SVH (53.9 miles in 1 hour 1 minute)



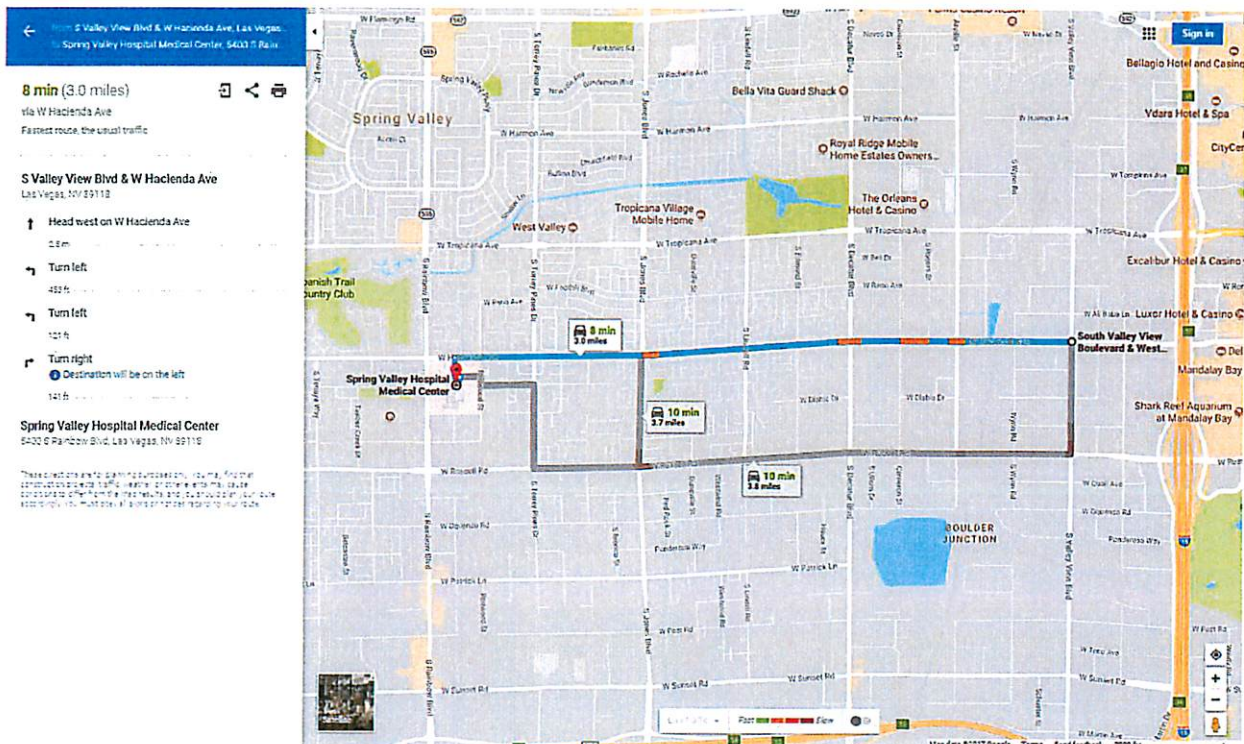
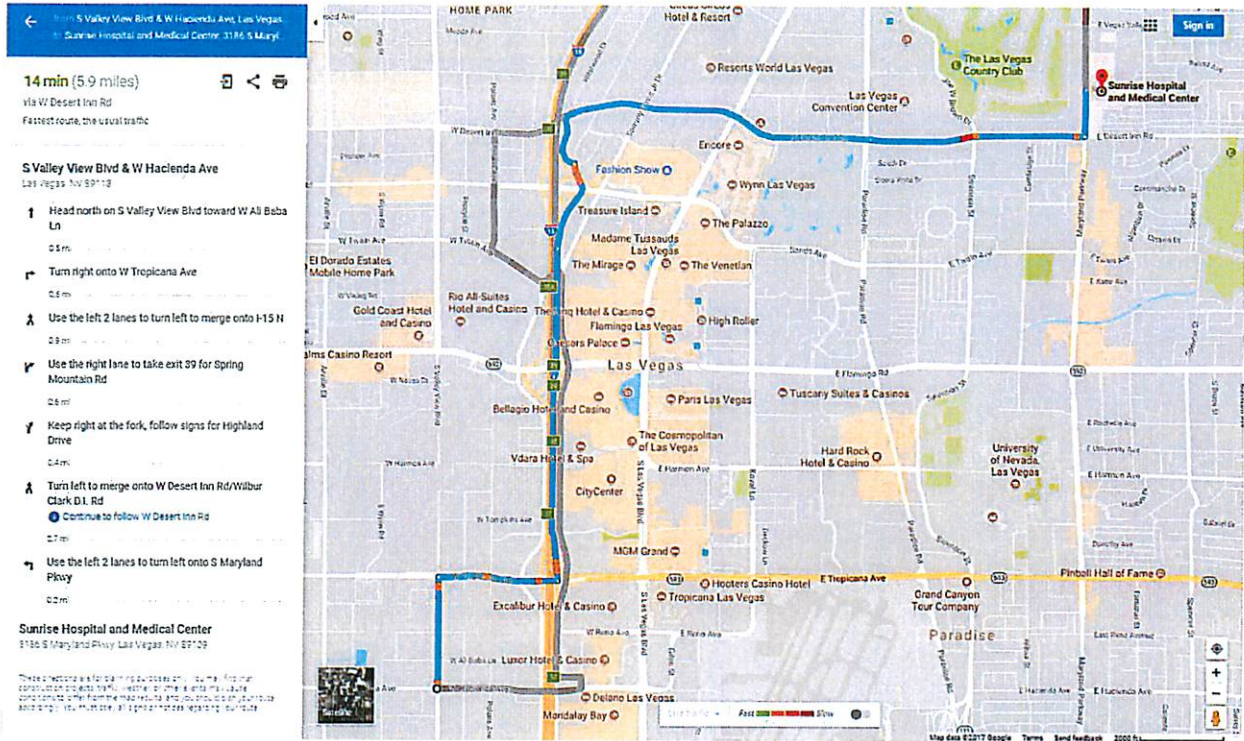






d) From S Valley View Blvd & W Hacienda Ave (89118)

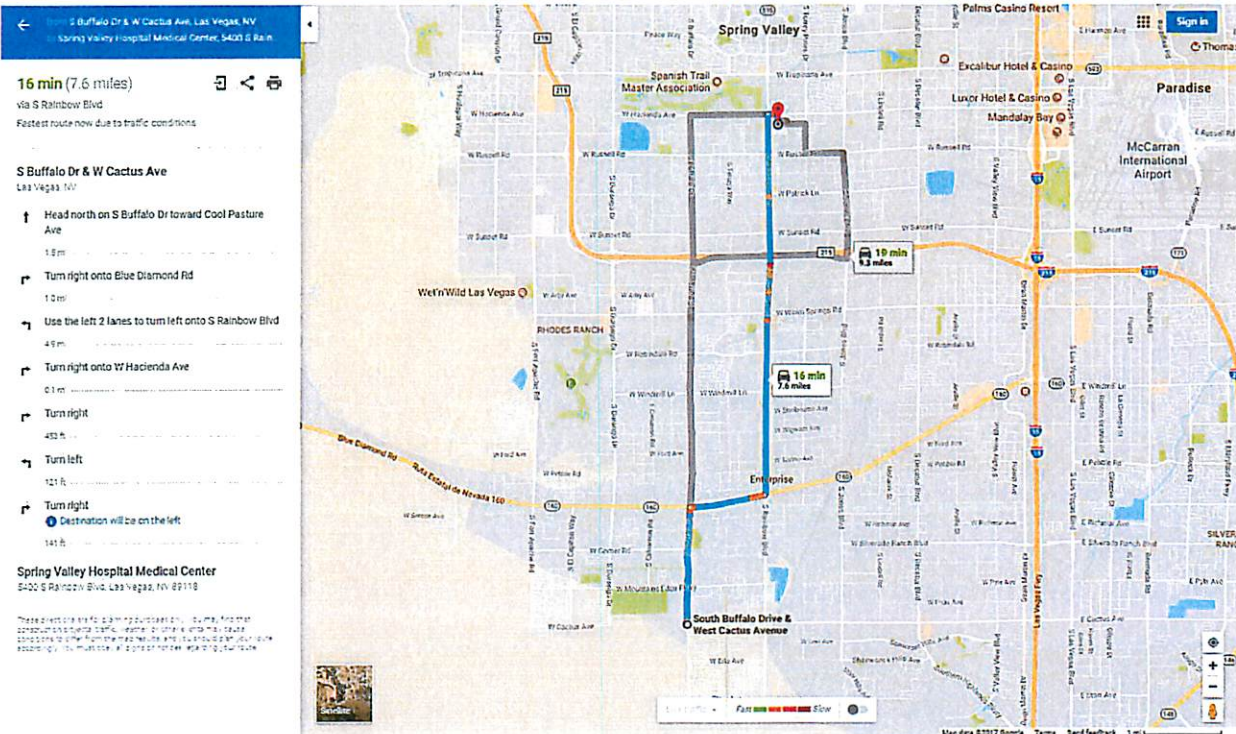
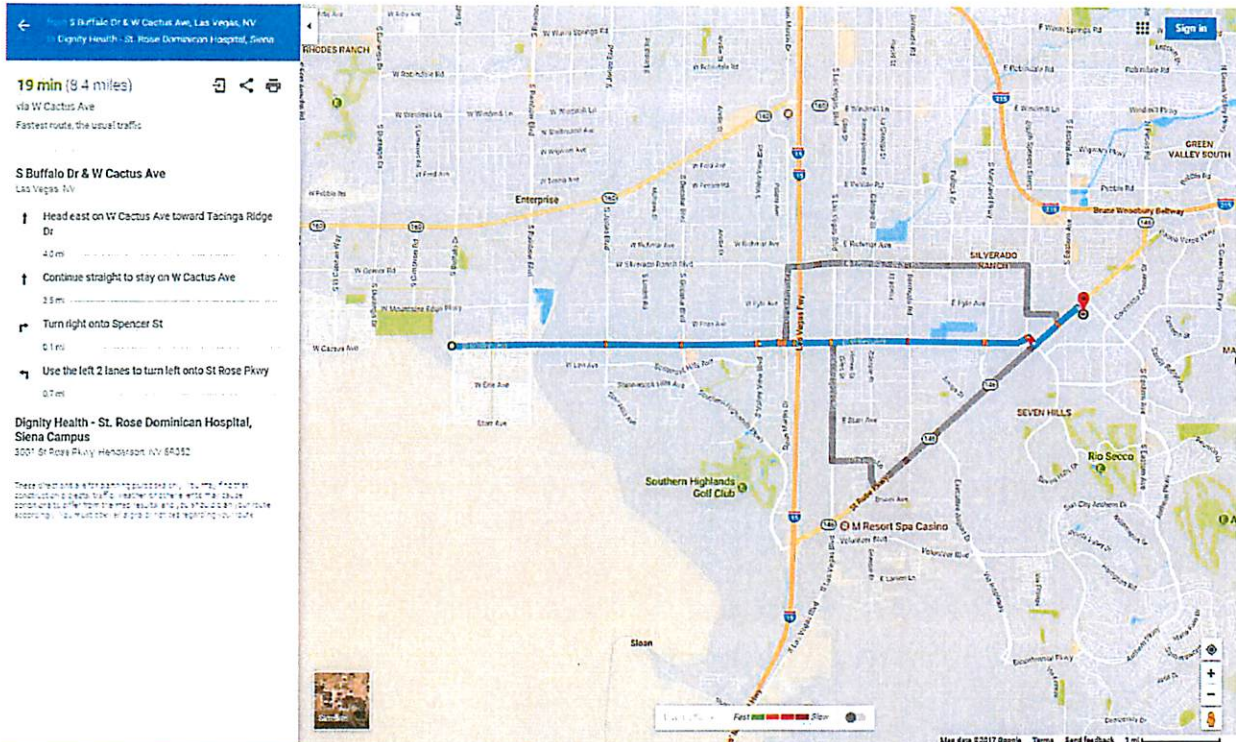
- To Sunrise Hospital and Medical Center (5.9 miles in 14 minutes) compared to SVH (3.0 miles in 8 minutes)





e) From Mountain's Edge

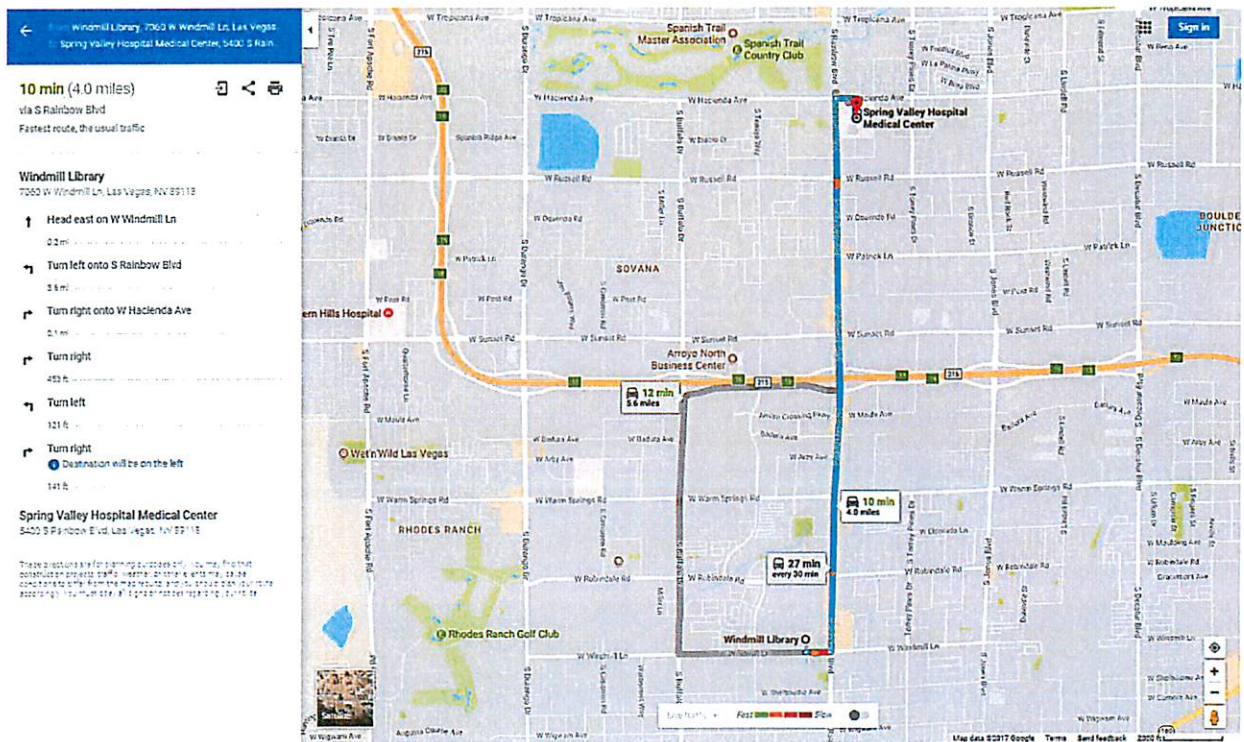
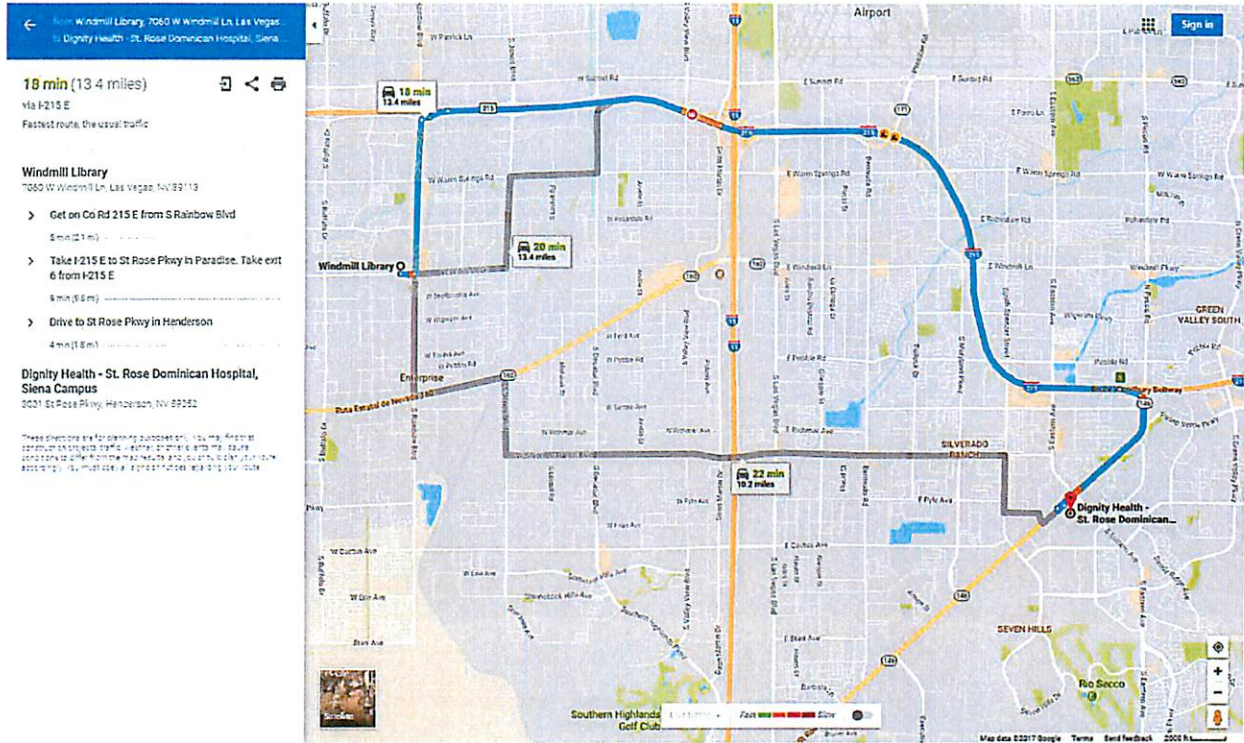
- To St. Rose Dominican – Siena Campus Center (8.4 miles in 19 minutes) compared to SVH (7.6 miles in 16 minutes)





a) From Windmill Library (89118)

- To St. Rose Dominican - Siena (13.4 miles in 18 minutes) compared to SVH (4.0 miles in 10 minutes)



## APPENDIX V

The following are some examples of growth for the southwest Las Vegas in the last few years. The list is not all encompassing.

### *a) Residential Developments*

- The Summit – 136 custom home sites, not including The Club Village that will offer a variety of living, including clubhouse suites, golf cottages, desert bungalows, club villas and point villas.
- Mountain’s Edge – Newer planned community in the southwest encompassing over 3K acres
- Rhodes Ranch – 1,330 acre master planned community in the southwest
- Over 10 new apartment complexes
  - EVO Apartments – Located by S Durango and Patrick Ln, near IKEA
  - Aspire by Ovation – Located by W Tropicana and 215
  - The Gallery Apartment Homes – Located by Buffalo and Blue Diamond
  - SW Apartment Homes – Located by S Durango and 215
  - Eden – Luxury Resort Residences
  - Union Apts – Located near S Hualapai and W Flamingo Rd
  - Solana Apartments – Located by 215 and Sunset
  - Martin Apartments – Located near Sunset and S Fort Apache Rd
  - The Wyatt Apartments – Located on Buffalo, S of 215
  - Zone5 Apartments – Located by S Buffalo and 215
  - South Beach Resort (5-star luxury apartment) – Located by Russell and 215
  - Elysian West – Located by W Tropicana and 215
- Trilogy
  - South Summerlin – new residential area for 55+
- KB Home
  - Spring Valley
    - Autumn Winds
    - Bellazo
    - Landings at Amizade
    - Reserves at Amizade
    - Lianna
    - Briarwood
    - Landings at San Severo
    - Chandler Park
  - Enterprise
    - Alder Landing
    - Jade Meadows
    - Avery-Addison
    - Idylwood
    - Serene Canyon
    - Desert Willows



- Garden at Denali
  - Vistas at Denali
- DR Horton
  - Spring Valley
    - Sunset Cove
    - Sunset Manor
    - Windwood
  - Enterprise
    - Canyon Estates
    - Arden Estates
    - Solandra
    - Spanish Ranch Estates II
    - Blue Nile Trails
    - Artesian Estates
    - Artesian Cove
    - Serenity Bay
- Century Communities
  - Spring Valley
    - The Estates at Rhodes Ranch
    - Rhodes Ranch
    - Edgeview
    - Westmont
    - Parkview
    - Vista Pines
- Pardee Homes
  - South Summerlin
    - Nova Ridge – Located in The Cliffs village
  - Enterprise
    - Encanto
    - Encanto at Durango Ranch
    - Meridian
    - Luma
    - Terra Luna
- Pulte
  - South Summerlin
    - Vistara (South of Russell) – Located it The Cliffs village
  - Spring Valley
    - Copper Ridge
    - Mateo
  - Enterprise
    - Coldwater Crossing
    - Diamond Trails
    - The Cove Retreat Collection
    - The Cove – Horizon and Shoreline Collections

- Toll Brothers
  - South Summerlin
    - Fairway Hills in The Ridges (South of W Flamingo Rd)
    - Vista Dulce (South of W Hacienda Rd)
    - Granite Heights (South of W Russell Rd)
    - Ironwood (South of W Russell Rd)
    - Regency at Summerlin (South of W Sunset Rd)
- Warmington Residential
  - Spring Valley
    - Rockpointe
    - Ridgehaven
    - Vistaview
    - Westbury
- Woodside Homes
  - South Summerlin
    - Skystone (South of W Russell Rd)
    - Cielo Diamonte (South of W Russell Rd)
  - Spring Valley
    - Peregrine Point
    - Stetson Trails
  - Enterprise
    - Overlook at The Cove
    - Passages at The Cove
- Richmond American
  - South Summerlin
    - Monte Bellow (South of W Russell Rd)
  - Spring Valley
    - Onyx Point
    - Tenaya Highlands
  - Enterprise
    - Bridlewood
    - Madison Cove
    - Silver Creek
    - Rockland Ridge
    - Skyline Ridge
    - Sonoma Summit at Mountain's Edge
    - Sutter Hills at Mountain's Edge
    - Edgefield
    - Summer Hill
    - Arlington Heights
    - Arlington Hills
    - Arlington Point
    - Glenmore at Highland Hills
    - Coleburn at Highland Hills

- Admore at Highland Hills
  - Stirling Heights at Highland Hills
  - Stirling Manor at Highland Hills
  - Sierra Cliffs
- Lennar
  - South Summerlin
    - Delano
    - Oluna
  - Spring Valley
    - Chelsea Estates
    - The Ashmore I
    - The Ashmore II
    - Windsor Square
    - Terra Crossings
    - Aragon
    - Encanterra – Evergreen
    - Monterra
    - Madori Vistas
  - Enterprise
    - Cameron Pointe
    - Monterey Ranch – The Gardens at Mountain’s Edge
    - Monterey Ranch – The Groves at Mountain’s Edge
    - Watermarke at Mountain’s Edge
    - Mountain View Estates
    - Beacon Hill
    - Quintessa
    - Tacinga Ridge
    - Tacinga Ridge 3
    - Pebble Creek
    - Tenaya Ridge
    - Cortona
    - Legends at Southern Highlands
    - Olympia Ridge at Southern Highlands
    - Cortona at Southern Highlands
- Lyon Homes
  - South Summerlin
    - Revo at Affinity
    - Evoke at Affinity
    - Moda at Affinity
    - Savu at Affinity
    - Silver Ridge
    - The Grand Collection at Sterling Ridge
  - Spring Valley
    - Jade Ridge



- American West
  - Enterprise
    - Skyview Terrace
    - American West SouthBrook
    - American West Jones Crossing
    - Highlands Collection
    - American West Woodbridge
    - American West Reserve
    - Fox Hill Estates
    - American West Bridgewater
    - American West Brentwood

***b) Other Developments Include***

- IKEA – 351K square foot furniture superstore, opened in 2016
- Panattoni Development Co – Jones Corporate Park
- Ainsworth Game Technology – 300K square foot headquarters, opened in 2016
- The Molasky Group of Companies’ two-story, 110K square foot industrial building at the UNLV Harry Reid Research and Technology Park – Located north east of IKEA
- UFC Headquarters on 215/Rainbow
- Raiders Stadium – Destine for 63 acres at the Interstate 15 and Russell Road; opening for the 2020 season
- Golden Knights’ Practice Facility – Near downtown Summerlin

***c) Medical Development: Population growth in the southwest, as evidenced by increased residential developments, has attracted more medical development in the area.***

- SVH Medical Office Building I is 81% occupied and Medical Office Building II is 66% occupied
- St. Rose opened two micro-hospitals in the southwest Las Vegas – one on Flamingo and 215 and the other on Blue Diamond and Decatur
- Desert Radiology main office relocated to the southwest
- Desert Orthopedic opened new clinic in the southwest
- Kindred and Fundamental facilities opened and are located within 0.5 miles of SVH
- Mountain’s Edge Hospital opened and is located within 3.5 miles of SVH
- UMC opened a Quick Care on Blue Diamond and Decatur, and a Primary Care in Southern Highlands

APPENDIX VI

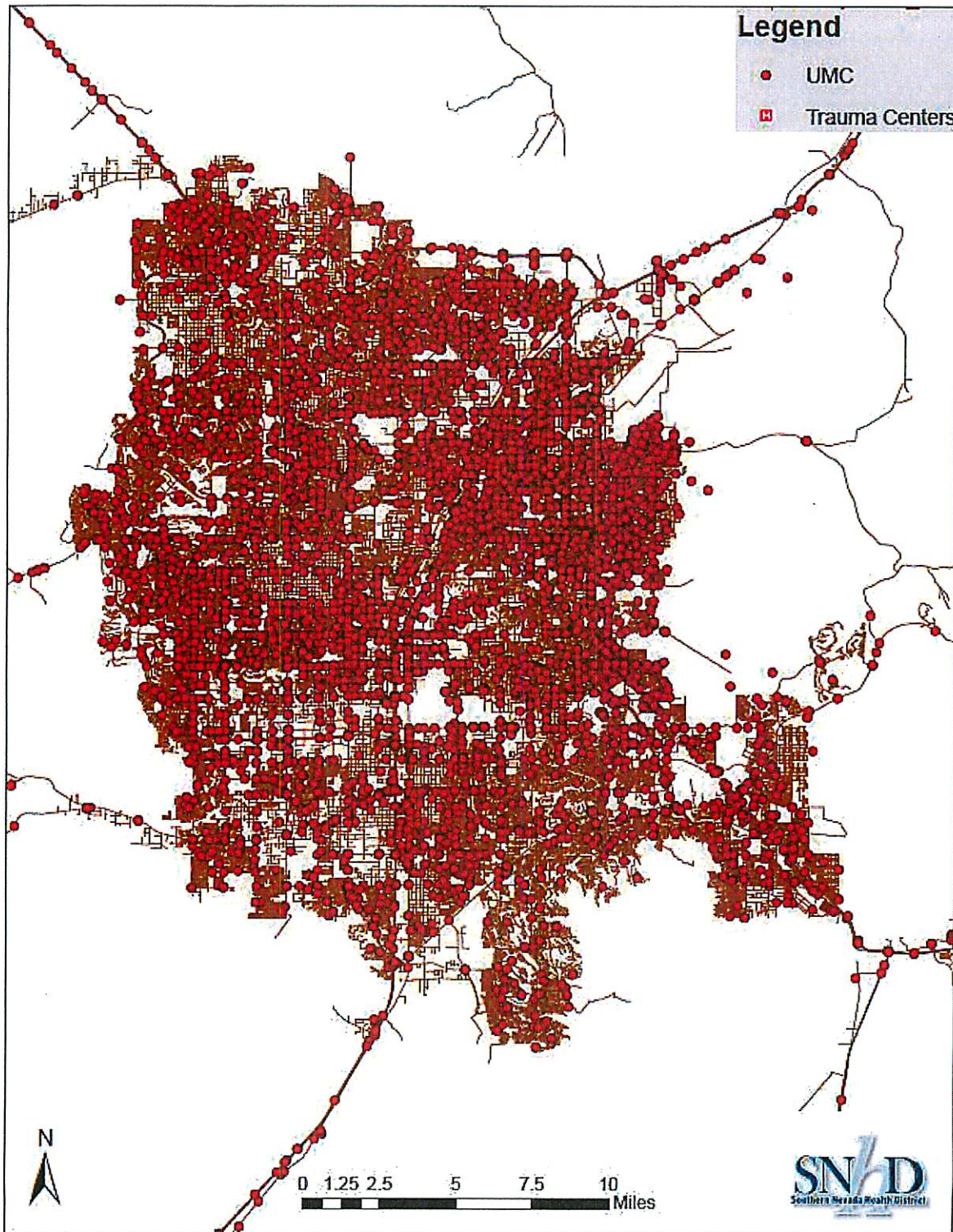
**Trauma Transferred from SVH**

<b>SVH Transfers Out</b>	<b>2016 Q4</b>	<b>2017 Q1</b>	<b>2017 Q2</b>	<b>2017 Q3</b>	<b>2017 Q4</b>	<b>2018 Q1</b>	<b>Total</b>
UMC	5	10	13	12	10	13	63
Sunrise	1	-	-	-	1	1	3
<i>Trauma</i>	<i>6</i>	<i>10</i>	<i>13</i>	<i>12</i>	<i>11</i>	<i>14</i>	<i>66</i>
UMC	2	1	4	3	2	2	14
Sunrise	-	1	-	1	-	1	3
<i>OMFS Trauma Related</i>	<i>2</i>	<i>2</i>	<i>4</i>	<i>4</i>	<i>2</i>	<i>3</i>	<i>17</i>
<b>Total Trauma</b>	<b>8</b>	<b>12</b>	<b>17</b>	<b>16</b>	<b>13</b>	<b>17</b>	<b>83</b>

Source: Spring Valley Hospital Medical Center

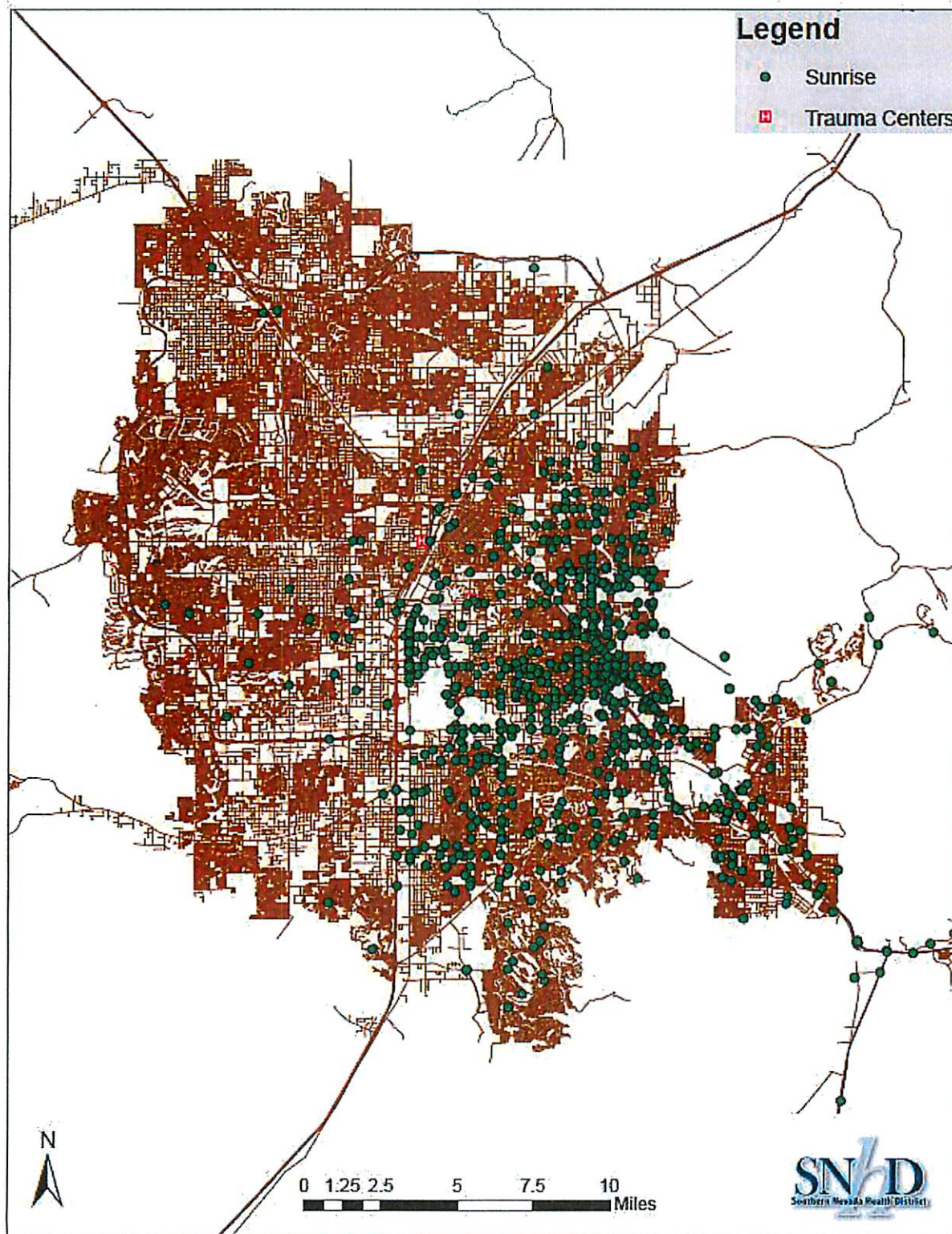
APPENDIX VII

# UMC TFTC Incidents with Transport Time > 15 mins by Facility 2016-2017



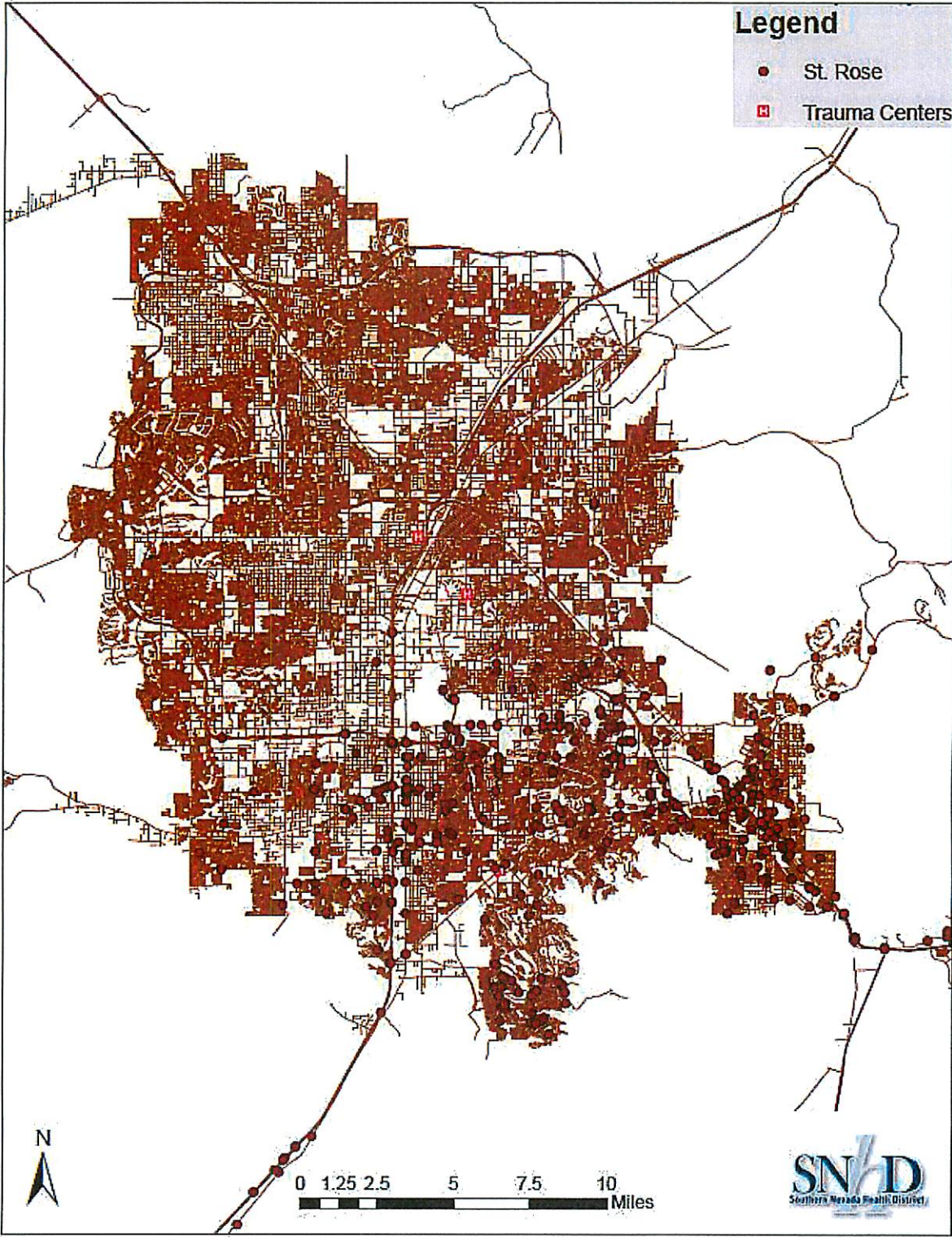


# Sunrise TFTC Incidents with Transport Time > 15 mins by Facility 2016-2017





# St. Rose TFTC Incidents with Transport Time > 15 mins by Facility 2016-2017



APPENDIX VIII

Support Letter from MEC Chief of Staff



July 2, 2018

Dear Chairman Kirkpatrick and members,

On behalf of the Medical Executive Committee of Spring Valley Hospital Medical Center, we are writing in support of Spring Valley Hospital in becoming a Level III Trauma Center.

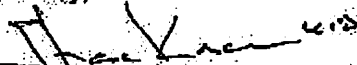
Our Medical Staff is committed to providing top quality health care to our community and our patients. As Las Vegas continues to grow, we have seen a rise in trauma patients within the community. Even though Spring Valley is currently not a trauma center, the hospital already has elements of a Level III Trauma Center in place, including 24-hour emergency services as well as prompt availability of ED on-call within 30 minutes response time by orthopedic, CVT, neurology, neurosurgery, and general surgeons, and anesthesiologists, as well as transfer agreement with Level I Trauma Center for patients requiring higher level of care. The hospital also has existing processes in place that offers comprehensive quality improvement program, continued education for the nursing team, outreach program for its referring communities and is involved with prevention efforts – all vital to a successful trauma program.

In addition, Spring Valley Hospital is the only hospital in the southwest Las Vegas to offer the most comprehensive services including open heart with hybrid OR, stroke program with neuro-coiling and thrombectomy for large vessel occlusion, in- and outpatient rehab, Level I and II NICU, and the latest robotic technology, da Vinci Xi system. SVH is the first hospital in the southwest to become a certified Chest Pain Center and an Advanced Primary Stroke center.

More importantly, the hospital is already providing trauma services to our patients as evident by our trauma volume. In 2016, we treated 181 unique trauma patients and received 6 additional trauma patients through transfers. With the October 1<sup>st</sup> mass casualty shooting incident, it became even more evident that Spring Valley is well-prepared to treat trauma patients. We received and treated over 50 patients that night. I am extremely proud of our medical staff, nursing and allied health team, and their quick response and collaboration in treating these trauma patients.

For fourteen years, Spring Valley Hospital has remained committed to providing a culture of excellence where committed employees, physicians and volunteers deliver safe quality patient care to our community. Our physicians, clinical staff, operating rooms and other resources are ready and waiting when it matters most. This level of "readiness" defines trauma care and often makes the difference between life and death. On behalf of our Medical Staff, we are fully committed to ensuring a successful trauma program at Spring Valley Hospital.

Sincerely,

  
Steven Kramer, M.D., Chief of Staff  
Spring Valley Hospital Medical Center

5400 South Rainbow Boulevard • Las Vegas, Nevada 89118  
Telephone (702) 853-3000 • Facsimile (702) 853-3340



APPENDIX IX

Support Letter from Dr. John Davis



July 13, 2018

Dear Chairman Kirkpatrick and members,

I, a certified general surgeon with General Surgery Associates and the Chairman of Surgery at Spring Valley Hospital Medical Center, am in full support of Spring Valley Hospital pursuing the Level III Trauma Center designation.

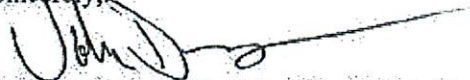
General Surgery Associates has been providing surgical care to patients in Clark County, Nevada, since 1980. Our practice began near downtown Las Vegas. As the population of the city grew in southwest Las Vegas, Spring Valley Hospital opened in 2003 and we added another practice location in their medical office building to support the need of the southwest Las Vegas community. Since then, the southwest Las Vegas community has grown tremendously and will continue to grow as evidenced by the increase in development and housing projects in the last couple of years.

As the Chairman of Surgery at Spring Valley Hospital since 2015 and a medical staff member since the opening of the hospital, I am proud to share in the hospital's culture of excellence where committed employees, physicians, and volunteers strive to provide the best care and be the provider of choice for the community they serve. As the community matures, the hospital services have continued to grow to meet the community demand. From adding tertiary services such as Open Heart (e.g. the only facility in the southwest Las Vegas with transcatheter aortic valve replacement program) to the latest technology (e.g. the only hospital in the southwest Las Vegas with da Vinci Xi for colorectal surgeries), Spring Valley Hospital is best positioned for a Level III Trauma Center in the southwest Las Vegas. In fact, the October 1<sup>st</sup> incident highlighted the hospital's ability to respond to trauma needs. I am proud to share that all the patients who arrived alive were successfully treated and survived their injuries. This level of "readiness" was due to existing infrastructures and services that currently exists at Spring Valley Hospital that are also required of a Level III Trauma Center. This will make the hospital's process of adding a Level III trauma center much smoother and easier compared to other hospitals in the southwest Las Vegas.

Finally, the Graduate Medical Education Surgery Residency program through the Valley Health System will rotate through Spring Valley Hospital. This would definitely add to the capabilities of the hospital and provide future physicians exposure to trauma, which will help elevate the talent pool for incoming physicians. Thus, I am confident that Spring Valley Hospital is the best choice for a Level III Trauma Center to serve and elevate the care within the southwest Las Vegas community.

As the future Trauma Medical Director at Spring Valley Hospital and on behalf of the surgical team as well as General Surgery Associates, we are fully committed to ensuring a successful trauma program and are in support of Spring Valley Hospital pursuing the Level III Trauma Center.

Sincerely,

  
John S. Davis, M.D., F.A.C.S., Chairman of Surgery  
General Surgery Associates



APPENDIX X

Other Support Letters

State Capitol Building  
101 N. Carson Street, Suite 2  
Carson City, NV 89701  
775-684-7111



Grant Sawyer Office Building  
555 E. Washington Avenue, Suite 5500  
Las Vegas, NV 89101  
702-486-2400

Office of the Lieutenant Governor  
Mark A. Hutchison

December 22, 2017

Dear Chair Kirkpatrick and Members:

I write in support for Spring Valley Hospital Medical Center to pursue a Level III Trauma Center. As Nevada's economy continues to grow, southern Nevada, and southwest Las Vegas in particular, has seen numerous residential and commercial real estate developments over the last few years. Spring Valley Hospital has responded to this increase in demand for healthcare services by positioning itself to be southwest Las Vegas's market leader for the delivery of healthcare.

In 2003, Spring Valley Hospital was the first acute care hospital to open in the area, and today is capable of providing a variety of services, including 24-hour emergency services, general surgery, orthopedic/spine, and open heart and neurosurgery. Furthermore, Spring Valley Hospital is the only hospital in southwest Las Vegas to offer a variety of services such as Level II and III neonatal intensive care services, and in- and out-patient rehabilitation services.

Moreover, in the aftermath of the October 1<sup>st</sup> incident, I met with Spring Valley Hospital's administrative team, ER leadership and nursing teams to learn firsthand how they responded to crisis. The medical professionals at Spring Valley Hospital exercised the utmost professional skills and dedication in saving the lives of the victims of the horrific and tragic events of October 1, 2017. The selfless acts of service, compassion, competence and character of Spring Valley Hospital medical professionals were a major reason that in our darkest day, we had our finest hours. The stories I heard and the many positive patient outcomes Nevadans and our visitors have experienced, have highlighted the hospital's strength as an outstanding team of caregivers and is a testimony to their readiness to be a Level III Trauma Center.

Therefore, I once again express my strong support of Spring Valley Hospital Medical Center's pursuit of a Level III Trauma Center.

Sincerely,

A handwritten signature in blue ink, appearing to read "Mark A. Hutchison".

Mark A. Hutchison  
Lieutenant Governor  
State of Nevada



DINA TITUS  
MEMBER OF CONGRESS  
1ST DISTRICT NEVADA

CONGRESS OF THE UNITED STATES  
HOUSE OF REPRESENTATIVES  
WASHINGTON, D.C.

COMMITTEE ON  
TRANSPORTATION &  
INFRASTRUCTURE  
COMMITTEE ON  
FOREIGN AFFAIRS

July 13, 2018

Southern Nevada Health District  
Regional Trauma Advisory Board  
P.O. Box 3902  
Las Vegas, NV 89127

To the members of the Board,

I write in support of the Spring Valley Hospital's application for a Level III Trauma Designation with the Southern Nevada Health District. The Spring Valley Hospital, located in my Congressional district, serves the southwest region of Las Vegas with an array of services including general surgery, open heart surgery, neurosurgery, orthopedic services, inpatient acute rehabilitation services, and a Level III NICU. The Hospital also provides 24-hour emergency services, on-call surgeons, and a transfer agreement to Level I trauma centers for acute trauma services.

The growing needs of our valley would be well served with the designation of the Spring Valley Hospital as a Level III Trauma Center. This will provide additional trauma resources to the community and will prevent overloading of Trauma Level I and II centers in a disaster or crisis situation like the October 1 tragedy last year. During that incident, the staff of the Spring Valley Hospital successfully stabilized, treated, and discharged over fifty patients. This admirable performance demonstrates that the Hospital's designation as a Level III Trauma Center would be an asset to the Las Vegas health care system and community.

For more information, please contact Christine Godinez ([Christine.Godinez@mail.house.gov](mailto:Christine.Godinez@mail.house.gov)) in my DC office. Thank you for consideration.

Sincerely,

Dina Titus  
Member of Congress





Robert S. Freymuller  
CEO/Managing Director

May 31, 2018

To whom it may concern:

As the CEO for a non-trauma hospital, I am in support of Spring Valley Hospital to become a Level III Trauma Center.

Today, the current trauma system includes UMC, Sunrise Hospital and St. Rose Siena, which are hospitals that are located in the downtown area and in Henderson. There is significant development and housing growth on the west side of the city especially the area to the south side of Summerlin. With this growth our city is seeing, I strongly believe that adding trauma capacity on the growing southwest side of Las Vegas would be a prudent decision.

Within the southwest side of Las Vegas, there are three hospitals that provide care to the community. Of these three hospitals, Spring Valley Hospital is the hospital with the most comprehensive services. In fact, the hospital demonstrated its ability to treat and triage trauma patients it received from the October 1<sup>st</sup> incident. The hospital treated over 50 patients – all patients who arrived alive were successfully treated and discharged. Thus, Spring Valley Hospital is well positioned to become a Level III Trauma Center to meet the needs of the southwest community.

This will also allow the community as well as local paramedics and fire stations to be able to transport patients to a trauma center closer to home. Additionally, our first responders will be able to get back on the road more quickly to be available to service our community. The addition of another trauma center would also help the existing trauma systems in terms of having additional resources to help in responding to emergencies. In a crisis or disaster situation, another trauma system would help to prevent overloading in a Trauma Level I or II facility so that the higher level trauma centers can focus their efforts in higher acuity trauma patients.

Based on all the information above, I am confident that Spring Valley Hospital is the best choice for a Level III Trauma Center to serve the growing community in the southwest side of Las Vegas.

Sincerely,

Robert S. Freymuller  
CEO/Managing Director

# The Valley Health System™

Centennial Hills Hospital • Desert Springs Hospital  
Spring Valley Hospital • Summerlin Hospital • Valley Hospital

May 31, 2018

To whom it may concern:

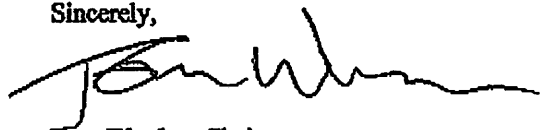
On behalf of the Valley Health System Board of Governors, it is my pleasure to write a letter of support for Spring Valley Hospital Medical Center to pursue a Level III Trauma Center.

Spring Valley Hospital is part of The Valley Health System, a network of six acute care hospitals that provide patient care through Las Vegas and Southern Nevada. In 2003, Spring Valley Hospital Medical Center was the first acute care hospital to open in southwest Las Vegas. As the southwest community continues to grow, the hospital has further developed tertiary services to serve the needs of the community. Today, the hospital features 292 private rooms and a comprehensive range of medical offerings including 24-hour emergency services, cardiovascular services with a specialty in open-heart surgery, maternity services with Level II and III NICU, neuro capability to treat stroke and large vessel occlusion, neurosurgery, robotic technology, orthopedic, spine, wound care services, as well as inpatient and outpatient rehabilitation.

Aside from having the infrastructures and services in place to become a Level III Trauma Center, the hospital has a history of treating trauma patients. In fact, Spring Valley Hospital was one of the hospitals that provided critical treatment to save lives of those affected by the mass casualty shooting on October 1<sup>st</sup>. Our Board Members are deeply moved by the compassion, kindness, professionalism and high quality care delivered by the medical staff and employees at Spring Valley Hospital. Their response to the wounded and heartbroken has been immeasurable and is a testimony to their readiness to be a trauma center.

As the southwest corner of Las Vegas continues to develop, it becomes critical that the hospital continues to grow its services to meet the demands of the community. Spring Valley Hospital is well-positioned in the southwest to be the Level III Trauma Center and we are in full support of Spring Valley Hospital pursuing a Level III Trauma Center.

Sincerely,



Tom Warden, Chairman  
Valley Health System Board of Governors



## Graduate Medical Education

July 11, 2018

To Whom it May Concern,

I am writing in strong support of the application for Spring Valley Hospital Medical Center (SVHMC) to be designated as a Level III Trauma Center. As the Chair of Nevada's Advisory Committee for Emergency Medical Services for Children, I recognize that this is both a significant need for the area, and a substantial commitment by the hospital.

As the population of Clark County continues to grow, the need for an expanded, well-integrated Trauma system is of even greater importance. It is essential that patients have access to high-quality Trauma care close to home and work to ensure that injuries can be assessed and treated quickly, and that more critical patients can be properly stabilized prior to transfer to a higher level of care within the Trauma system. The sooner after injury that patients can be seen, evaluated, and have appropriate treatment initiated, the better their outcomes.

One of the fastest-growing areas of the community is in the southwest sector of the Las Vegas Metropolitan area, and SVHMC is located in an area with quick access not only to the surrounding neighborhoods, but also to inbound traffic on NV-160 from Blue Diamond and Pahrump as well as I-15 from Jean and Primm. Spring Valley is also in close proximity to the South end of the Las Vegas Strip and McCarran International Airport, and is the nearest hospital to the new stadium. Establishing SVHMC as a Level III Trauma Center will allow for faster delivery of expert care to Las Vegas and those among the millions of annual visitors to the South Strip and stadium who may suffer injury. In the case of a mass casualty incident, SVHMC would be even better prepared to provide care to less critical patients, freeing up resources at our sole Level I Trauma Center to attend to the most critical.

Spring Valley Hospital Medical Center already houses a wide breadth of clinical services, including General Surgery, Neurosurgery, Orthopedic Surgery, Cardiac Catheterization, Labor & Delivery, and a Level III Neonatal Intensive Care Unit. This existing infrastructure forms a solid foundation on which to build Level III Trauma Center services.

As The Valley Health System also works to address the physician workforce shortage in Southern Nevada with the development of Graduate Medical Education, the establishment of a Level III Trauma Center will contribute significantly. The physician and other professional staffing will bring additional highly-trained supervisors and teachers for residents and medical students within the facility, and the clinical experiences in operative and non-operative Trauma will be valuable assets to our trainees.

It is my sincere hope that the application for Spring Valley Hospital Medical Center's Level III Trauma Center will be approved. If I can be of any further help in this process and in the improvement of integration of Southern Nevada's Trauma System, I stand ready.

Sincerely,

Andrew M. Eisen, MD, FAAP  
Chief Academic Officer and GME Designated Institutional Official, The Valley Health System  
Chair, Nevada Emergency Medical Services for Children Advisory Committee



July 23, 2018

Dear Chairman Kirkpatrick and members,

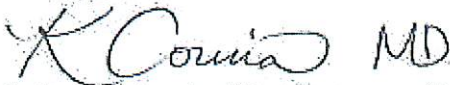
As a physician board certified in emergency medicine, the Chairman of the Emergency Department and representing emergency medicine providers at Spring Valley Hospital Medical Center, I am writing in full support of Spring Valley Hospital pursuing the Level III Trauma Center designation.

The southwest Las Vegas area has seen significant growth in the last few years. The increasing amount of development, both commercial and residential, has led to significant growth in population and traffic in the southwest Las Vegas, which resulted in higher number of emergency visits. At Spring Valley Hospital, we treated over 55,000 patients last year in the emergency department. Furthermore, due to Spring Valley Hospital's proximity to the Las Vegas Strip and its breadth and depth of services provided, Spring Valley Hospital is the only hospital on the west side of the Strip to be integrated into the AMR/MedicWest's Incident Action Plan for any potential incidents during New Year's Eve. This plan ensures that first responders transport patients from large gathering sites on the strip to the designated hospitals that have worked closely to enhance emergency preparedness activities to respond appropriately and effectively to these transports.

With almost 50 emergency rooms, four of which are trauma rooms, Spring Valley Hospital has the physical capacity to house trauma patients. Additionally, our Emergency Department is staffed by our emergency physicians and mid-level providers 24/7. All of our emergency physicians are ATLS certified. Our emergency department nurses are PALS certified and half are already Trauma Nurse Core Course certified. Despite not being a trauma facility, our providers and nurses are accustomed to treating trauma patients. Last year, we treated almost 200 trauma patients. In fact, we treated 53 patients from the October 1<sup>st</sup> incident. We had numerous physicians and staff voluntarily came in from home, call in to offer assistance, and come from other units of the hospital to assist in this great time of need. The stories I have heard, the actions I have witnessed, and the many positive outcomes we have seen highlight our strength as a caregiver and our readiness to respond to trauma incidents.

Our commitment is to provide the services needed in our community and to be the hospital of choice. The trauma designation would enable us to provide a service to our southwest Las Vegas community that is currently immediately accessible in their backyard. We are committed to ensuring the success of the trauma program at our hospital and ask for the Southern Nevada Health District's approval for Spring Valley Hospital to become a Level III Trauma Center.

Sincerely,



Kathleen E. Cornia, M.D., Chairman of Emergency Department  
Board Certified Emergency Medicine  
Envision Physician Services - EmCare

Sent via Regular Mail

July 23, 2018

Leonard Freehof  
Chief Executive Officer  
Spring Valley Hospital  
5400 S. Rainbow Blvd.  
Las Vegas, NV 89118

RE: Letter of Support of Level III Trauma Center Designation at Spring Valley Hospital

Dear Mr. Freehof:

We at Mercy Air are pleased to support you in your efforts to offer Level III Trauma services at Spring Valley Hospital (SVH). We support your efforts for several reasons, including:

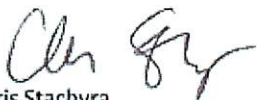
**Service Gap:** The Las Vegas valley has a robust healthcare system, with multiple facilities located throughout the valley. However, the Southwest area of the Las Vegas valley, where SVH is located, currently does not have a hospital with a trauma center designation. This creates a unique geographical gap in services for some of our trauma patients.

**Population Growth:** Indeed the 911 system has continued to grow with steady year-over-year increases throughout our entire community and the Southwest geography is no exception as evidence shows in the increase of demand resulting from continued development and housing projects in the area. Calls for service for Mercy Air have increased in the Western communities including, Mount Charleston, Pahrump and Indian Springs. While our call volume has increased in this geography, we still have not seen the addition of a trauma center to keep up with patient needs.

**Quality Care:** Mercy Air and SVH have had a great working relationship throughout the years. Our teams interface on a regular basis, working together seamlessly, to provide the best care to patients. Because of our longstanding experience with your team at SVH, we are confident in the care you could provide to patients who meet Level III Trauma Criteria.

We believe offering trauma center services at Spring Valley Hospital would meet the growing needs of our community and patients. Thank you for taking this step forward!

Sincerely,



Chris Stachyra  
Regional Business Development Manager

1640 S. Stapley Drive, Suite 201, Mesa AZ 85204





MEDICINE ON A HIGHER PLANE

LIFE GUARD INTERNATIONAL  
Fixed Wing Air Ambulance

145 E. Reno Ave. Ste. E7  
Las Vegas, NV 89119  
office: (702) 740-5952  
fax: (702) 740-5951  
(888) FLY'N-ICU  
(359-6428)  
www.flyingICU.com

July 26, 2018

Leonard Freehoff  
Chief Executive Officer  
Spring Valley Hospital Medical Center  
5400 South Rainbow Blvd  
Las Vegas, NV 89118

RE: Letter of Support of Level III Trauma Center Designation at SVHMC

Dear Mr. Freehoff,

As a partner in the community for over 50 years, AMR has seen much growth in the Las Vegas valley. With the growth has come additional patient and new hospitals.

The current Clark County Trauma System has three American College of Surgeons (ACS) verified trauma centers for the residents and visitors of Southern Nevada to use. We understand that Spring Valley Hospital is looking to become a Level III Trauma Center.

We support expanding the number of trauma centers to include Spring Valley Hospital if the Regional Trauma Advisory Board (RTAB) determined such a need existed. We are supportive of a community, science based approach which has been the past practice in the acceptance of the last two trauma centers.

AMR Ground and Air operations look forward to working with you in the future on this endeavor.

Should you have any questions, please feel free to contact us.

Sincerely,

Donna G. Miller, RN, CMTE  
Interim Executive Director, AMR Air Ambulance







July 1, 2018

To:

Leonard Freehof  
Chief Executive Officer  
Spring Valley Hospital Medical Center  
5400 South Rainbow Blvd  
Las Vegas, NV 89118

Subject: Letter of Support of Level III Trauma Destination at SVHMC

Dear Mr. Freehof,

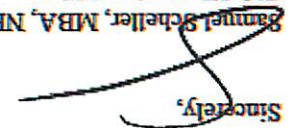
I am writing this letter in support of Spring Valley Hospital and Medical Center obtaining their Level III Trauma Center accreditation. With the Southwest area of Clark County growing at exponential rates, having a Level III Trauma Center will reduce the times patients have to wait before definitive care can be delivered. According to the *Pre Hospital Trauma Life Support 8<sup>th</sup> Edition*, definitive care should be obtained within one hour of the time of incident and as it currently stands this is very difficult with the current trauma center plan. We saw this during the October 1, 2017 shooting where Spring Valley Hospital and Medical Center was adequately able to treat over 50 patients from this incident.

In addition, Spring Valley Hospital and Medical Center's current capabilities make it an excellent candidate to receive its Level III Trauma Center accreditation. Spring Valley Hospital and Medical Center already has 24 hour emergency services, including surgeons on call, a transfer agreement to a Level I trauma center for more acute trauma services, the only Level III NICU in the southwest area of Las Vegas, and is one of the only few hospitals in Las Vegas designated for large vessel occlusion.

Guardian Elite Medical Services values its relationship with Spring Valley Hospital and Medical Center as our preferred site to send our Emergency Medical Technician (EMT) students and by having a Level III Trauma Center at Spring Valley Hospital and Medical Center our EMT students will be able to gain a much greater insight into the management of trauma patients.

In conclusion, Guardian Elite Medical Services offers its unwavering support for Spring Valley Hospital and Medical Center to become a Level III Trauma Center. If you have any questions or comments about my support I can be reached at 702-436-7911 or by email at [sam@gemstlv.com](mailto:sam@gemstlv.com).

Sincerely,

  
Samuel Scheller, MBA, NRP  
Chief Executive Officer

GUARDIAN ELITE MEDICAL SERVICES, LLC.

2830 FERRE DRIVE • BLD E • LAS VEGAS • NV • 89104

[WWW.LASVEGASAMBULANCE.COM](http://WWW.LASVEGASAMBULANCE.COM)