

### Planning Commission Staff Report

Meeting Date: March 7, 2017

Subject: Master Plan Amendment Case Number WMPA17-0002 and

Regulatory Zone Amendment Case Number WRZA17-0001

Applicant(s): JDS, LLC

Agenda Item Numbers: 9B

Summary: An amendment to the North Valleys Master Plan Map and

Regulatory Zone Map to reconfigure Master Plan Categories and Regulatory Zones to conform more closely to the topography of

the area.

Recommendation: Adopt Master Plan Amendment Case Number WMPA17-0002,

recommend adoption of Regulatory Zone Amendment Case Number WRZA17-0001, and authorize the Chair to sign the

attached resolutions.

Prepared by: Roger Pelham, MPA, Senior Planner

Washoe County Community Services Department

Planning and Development Division

Phone: 775.328.3622

E-Mail: rpelham@washoecounty.us

#### **Description**

Master Plan Amendment Case Number WMPA17-0002 and Regulatory Zone Amendment Case Number WRZA17-0001 (Lemmon Valley Properties) – Hearing, discussion, and possible action to approve:

- 1) An amendment to the North Valleys Area Plan Master Plan Map that reconfigures the location of Rural (R) and Suburban Residential (SR) Master Plan Categories on six parcels to conform more closely to the topography of the area. If approved, the amendment would change ±25.3 acres of the property currently designated Rural to Suburban Residential and would change ±25.3 acres of the property currently designated Suburban Residential to Rural. The overall amount of acreage on the property of acreage designated Rural will remain the same at ±139.816 acres and the amount of acreage designated Suburban Residential will also remain the same at ±68.797 acres; and
- 2) An amendment to the North Valleys Regulatory Zone Map that reconfigures the location of General Rural (GR, 1 dwelling per 40 acres) and Medium Density Suburban (MDS, 3

dwellings per acre) regulatory zones on six parcels to conform more closely to the topography of the area. If approved, the amendment would change  $\pm 25.3$  acres of the property currently zoned GR to MDS and would change  $\pm 25.3$  acres of the property currently zoned MDS to GR. However, the overall amount of acreage on the property zoned General Rural will remain the same at  $\pm 139.816$  acres and the amount of acreage zoned Medium Density Suburban will also remain the same at  $\pm 68.797$  acres.

Applicant/Property Owner:
 JDS, LLC, Attn: Derek Larson, 7500 Rough Rock

Road, Reno, NV 89502

Property Owner: Juan and Linda Arevalo, 6012 Valley Flower Street,

North Las Vegas, NV 89081

Location:
 1200 Estates Road, adjacent to, and south of, the

intersection of Lemmon Drive and Deodar Way, extending south to Bernoulli Street, in the Lemmon

Valley area

Assessor's Parcel Numbers: 080-730-18, 080-730-19, 080-730-21, 080-635-01,

080-635-02 and 552-210-07

Parcel Size: ± 208.615 acres total

Master Plan Category: Rural (R) and Suburban Residential (SR)

Regulatory Zones: General Rural (GR) and Medium Density Suburban

(MDS)

Area Plan: North ValleysCitizen Advisory Board: North Valleys

Development Code: Article 820, Amendment of Master Plan and Article

821, Amendment of Regulatory Zone

Commission District: 5 – Commissioner Herman

Section/Township/Range: Portions of Section 3, T20N, R19E and Sections

34 and 35, T21N, R19E, MDM, Washoe County,

NV

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#### **Explanation of a Master Plan Amendment**

The purpose of a Master Plan Amendment application is to provide a method of review for requests to amend the Master Plan.

The Master Plan guides growth and development in the unincorporated areas of Washoe County, and consists of three volumes. By establishing goals and implementing those goals through policies and action programs, the Master Plan addresses issues and concerns both countywide and within each community. Master Plan amendments ensure that the Master Plan remains timely, dynamic, and responsive to community values. The Washoe County Master Plan can be accessed on the Washoe County website at http://www/washoecounty.us, select Departments, Planning and Development, then Planning Documents (Master Plan, Regulatory Zone) - or it may be obtained at the front desk of the Washoe County Planning and Development Division.

<u>Volume One</u> of the Master Plan outlines six countywide priorities through the year 2025. These priorities are known as Elements and each is summarized below. The Land Use and Transportation Element, in particular, plays a vital role in the analysis of a Master Plan Amendment.

- <u>Population Element.</u> Projections of population, housing characteristics, trends in employment, and income and land use information for the County.
- <u>Conservation Element.</u> Information, policies and action programs, and maps necessary for protection and utilization of cultural and scenic, land, water, air and other resources.
- <u>Land Use and Transportation Element.</u> Information, policies and action programs, and maps defining the County's vision for development and related transportation facilities needed for the forecasted growth, and protection and utilization of resources.
- <u>Public Services and Facilities Element.</u> Information, policies and action programs, and maps for provision of necessary services and facilities (i.e. water, sewer, general government and public safety facilities, libraries, parks, etc.) to serve the land use and transportation system envisioned by the County.
- <u>Housing Element.</u> Information, policies and action programs, and maps necessary to provide guidance to the County in addressing present and future housing needs.
- Open Space and Natural Resource Management Plan Element. Information, policies and action programs, and maps providing the necessary framework for the management of natural resources and open spaces.

<u>Volume Two</u> of the Master Plan consists of 13 Area Plans, which provide detailed policies and action programs for local communities in unincorporated Washoe County relating to conservation, land use and transportation, public services and facilities information, and maps.

<u>Volume Three</u> of the Master Plan houses Specific Plans, Joint Plans and Community Plans that have been adopted by the Washoe County Board of County Commissioners. These plans provide specific guiding principles for various districts throughout unincorporated Washoe County.

Requests to amend the Master Plan may affect text and/or maps within one of the six Elements, one of the 13 Area Plans, or one of the Specific Plans, Joint Plans or Community Plans. Master Plan Amendments require a change to the Master Plan and are processed in accordance with Washoe County Chapter 110 (Development Code), Article 820, Amendment of Master Plan.

When making a recommendation to the Washoe County Board of County Commission to adopt a Master Plan amendment, the Planning Commission must make at least three of the findings as set forth in Washoe County Code (WCC) Section 110.820.15(d). If a military installation is required to be noticed, then an additional finding of fact pursuant to WCC Section 110.820.15(d)(6) is required. If there are findings relating to Master Plan amendments contained in the Area Plan in which the subject property is located, then the Planning Commission must also make all of those findings. A recommendation to adopt the Master Plan amendment requires a 2/3 vote of the Planning Commission's membership.

#### **Explanation and Processing of a Regulatory Zone Amendment**

The following explains a Regulatory Zone Amendment, including its purpose and the review and evaluation process involved for an application with such a request.

The purpose of a Regulatory Zone Amendment (RZA) is to provide a method for amending the Regulatory Zone Maps of Washoe County. The Regulatory Zone Maps depict the Regulatory Zones (i.e. zoning) adopted for each property within the unincorporated area of Washoe County. The Regulatory Zones establish the uses and development standards applied to each property.

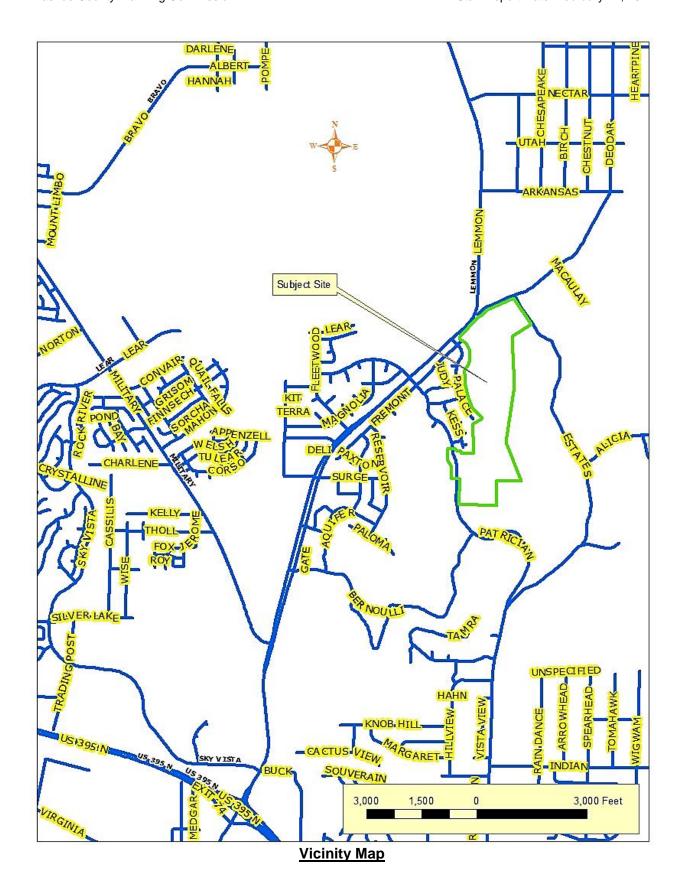
Regulatory zones are designed to implement and be consistent with the Master Plan by ensuring that the stability and character of the community will be preserved for those who live and work in the unincorporated areas of the County. A regulatory zone cannot be changed if it conflicts with the objectives or policies of the Master Plan, including area plans that further define policies for specific communities. The Master Plan is the blueprint for development within the unincorporated County. Pursuant to NRS 278, any action of the County relating to zoning must conform to the Washoe County Master Plan.

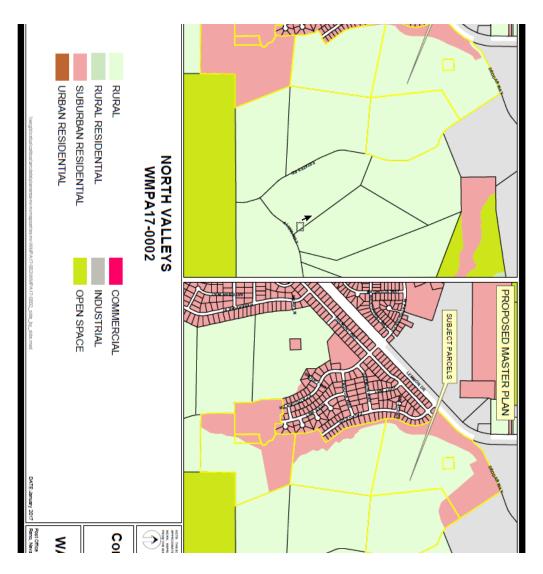
Evaluation of the proposed Regulatory Zone Amendment involves review for compliance with countywide policies found in Volume One of the Washoe County Master Plan and applicable area plan policies found in Volume Two of the Washoe County Master Plan. If the subject parcel(s) is within a Specific Plan, Joint Plan or Community Plan found in Volume Three of the Master Plan, then supplemental review shall be required to ensure compliance with the applicable plan. Additionally, the analysis includes review of the proposed amendment against the findings found in Article 821 of the Washoe County Development Code and any findings as set forth in the appropriate Area Plan.

LEMMON VALLEY PROPERTIES

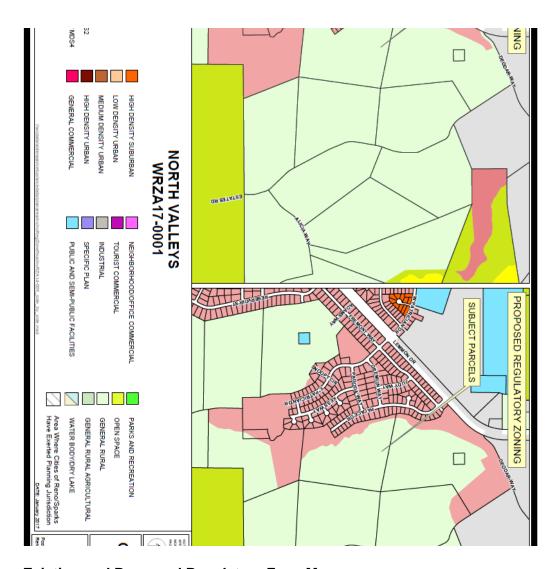
Requests to change a regulatory zone affecting a parcel of land or a portion of a parcel are processed under Article 821, Amendment of Regulatory Zone, of the Washoe County Development Code. Rezoning or reclassification of a lot or parcel from one Regulatory Zone to another requires action by both the Planning Commission and the Board of County Commissioners.

The Planning Commission may deny a Regulatory Zone Amendment or it may recommend approval or modification of an amendment to the Board of County Commissioners. Upon an affirmative recommendation by the Planning Commission, the Board of County Commissioners is required to hold a public hearing which must be noticed pursuant to WCC 110.821.20. Final action is taken by the Board of County Commissioners who may adopt, adopt with modifications, or deny the proposed amendment





**Existing and Proposed Master Plan Maps** 



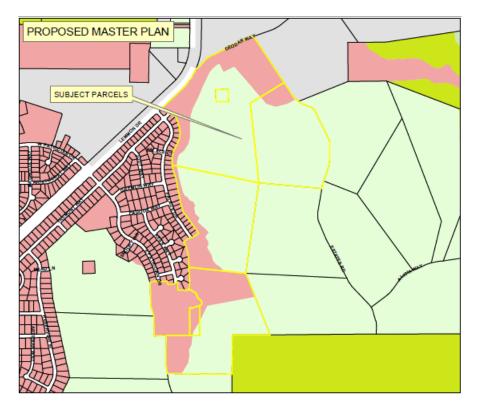
**Existing and Proposed Regulatory Zone Maps** 

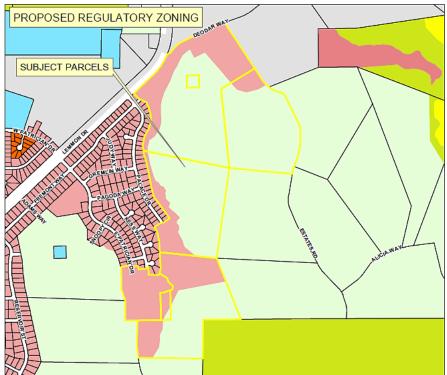
LEMMON VALLEY PROPERTIES

#### **Background**

The subject parcels have split Master Plan categories of Rural (R) and Suburban Residential (SR). The regulatory zones correspond exactly with the Master Plan categories and include General Rural (GR) and Medium Density Suburban (MDS). The current regulatory zones allow a total of 207 new dwelling units to be constructed on the six parcels. The applicant has requested that the configuration of the Master Plan categories and regulatory zones be reconfigured. The proposed regulatory zone amendment would not increase the allowable total number of new dwelling units on the six parcels, but rather the residential density would remain constant at 207 dwellings. The reason for the reconfiguration is to move the Master Plan categories and Zoning designations from areas with slopes greater than 15% to areas of slopes of 15% or less.

It is important to note that the reconfiguration proposed for the Master Plan categories and regulatory zones will not result in any additional impacts that were not previously considered with the adoption of the current Master Plan categories and regulatory zones, as no additional dwelling units are proposed with the reconfiguration.





**Proposed Master Plan and Zoning Comparison** 

#### **ANALYSIS**

Evaluation of Master Plan and Regulatory Zone Amendment requires that a number of factors be considered. Each of those factors, which correspond to required findings of fact for approval of those amendments are addressed in the following sections.

#### **Current Conditions**

The subject site is adjacent to areas that are developed at a similar density to the proposed density, which is three dwellings to the acre (MDS). The number of dwellings allowed by the proposed Master Plan and Regulatory Zone Amendments will not increase the total number of dwelling units on the six parcels that are currently allowed. The topography of the area varies from relatively flat, being easily developable, to areas with very steep slopes (see the "existing Slope" map). The request is to "move" the allowable development to the more suitable (those areas with slopes less than 15%) areas.

#### Change of Conditions

Subsequent to original adoption of the Master Plan and regulatory zones in this area the available data regarding slopes and topography has improved. The current request is to "move" the allowable development to the more suitable (flatter, less than 15% slopes) areas. The Existing Slope map (following page) clearly shows that the area proposed to be designated for development (SR/MDS) encompass primarily those areas of slopes of 15% or less, although a few areas up to 25% are included, it is clear that the primary intent is to allow development on the more suitable (flatter) areas.

#### Consistency with Master Plan and Regulatory Zone Map

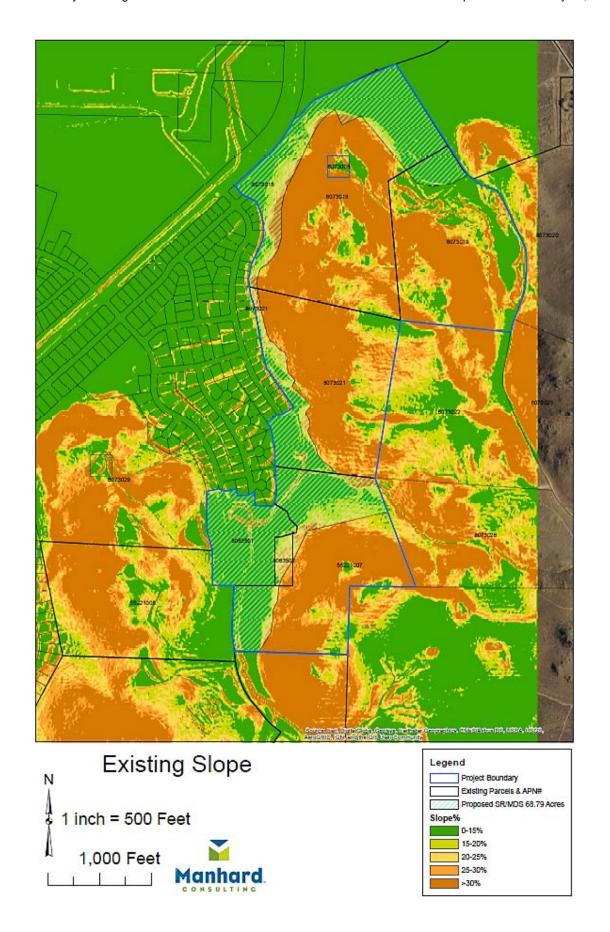
Both the existing and proposed Master Plan Categories and Regulatory Zones will remain the same. There is no change to the compatibility with the surrounding area.

#### Desired Pattern of Growth

The proposed amendment promotes the desired pattern for the orderly physical growth of the County by allowing development to take place on more suitable (flatter) areas.

#### Compatible Land Uses

In determining compatibility with surrounding land uses, staff reviewed the Land Use Compatibility Matrix with the proposed Regulatory Zone. The compatibility matrix is found in the Land Use and Transportation Element in Volume One of the Washoe County Master Plan. The compatibility between the proposed and existing adjacent regulatory zones will remain unchanged overall, as the Master Plan and zoning are proposed to remain unchanged, but simply be reconfigured to allow development on the more suitable (flatter) areas.



LEMMON VALLEY PROPERTIES

#### Availability of Facilities

No additional facilities are necessitated to provide adequate transportation, recreation, utility, and other facilities to accommodate the uses and densities proposed by this amendment, as the allowable total number of dwelling units is not proposed to increase.

Future development will primarily be served by existing infrastructure, community water and sewer services will be required at the time of development.

#### North Valleys Area Plan Assessment

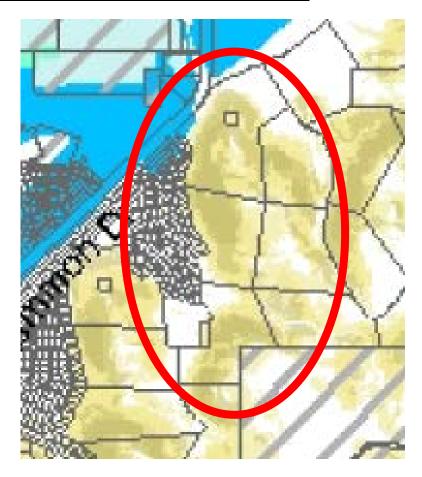
Approval of the proposed change is supported by the North Valleys Area Plan. The following policy is included in that plan.

NV.2.2 When feasible, given utility access constraints, grading in subdivisions established after the date of final adoption of this plan will:

- a. Minimize disruption to natural topography.
- b. Utilize natural contours and slopes.
- c. Complement the natural characteristics of the landscape.
- d. Preserve existing vegetation and ground coverage to minimize erosion.
- e. Minimize cuts and fills.

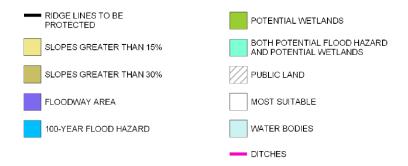
The changes proposed will help to minimize disruption to the natural topography, by allowing development on flatter, rather than steeper areas; it will also help to minimize cuts and fills for development of subdivisions.

#### **Development Suitability within the North Valleys Area Plan**



**NORTH VALLEYS** 

#### DEVELOPMENT SUITABILITY



The portion of the North Valleys Development Suitability Map, a part of the North Valleys Area Plan, shown above, indicates the general area of the request in the red oval. Again, it is clear that the intent of the Master Plan and Regulatory Zone Amendments are to allow development on the more suitable (flatter) areas and clearly shows that the area proposed to be designated for development (SR/MDS) encompass primarily those areas shown on the map as "most suitable".

#### Citizen Advisory Board (CAB) and Neighborhood Meeting

NRS 278.210(2) and Washoe County Code Section 110.820.20 require a neighborhood meeting for the proposed Master Plan amendments. The North Valleys Citizen Advisory Board held a meeting on February 13, 2017 at 6PM at the North Valleys Regional Park. Notices to all affected property owners were sent out prior to that meeting.

The CAB took action to forward all comments made by the public to the Planning Commission without a recommendation. The minutes of that meeting will be provided to the Planning Commission prior to the public hearing. Most comments pertained to flooding in the Lemmon Valley area. General questions regarding impact upon existing residential wells and impact upon traffic were expressed. A preference that the area be zoned open space was also expressed.

#### **Public Notice**

Notice for Master Plan Amendments must be given in accordance with the provisions of Nevada Revised Statutes 278.210, as amended.

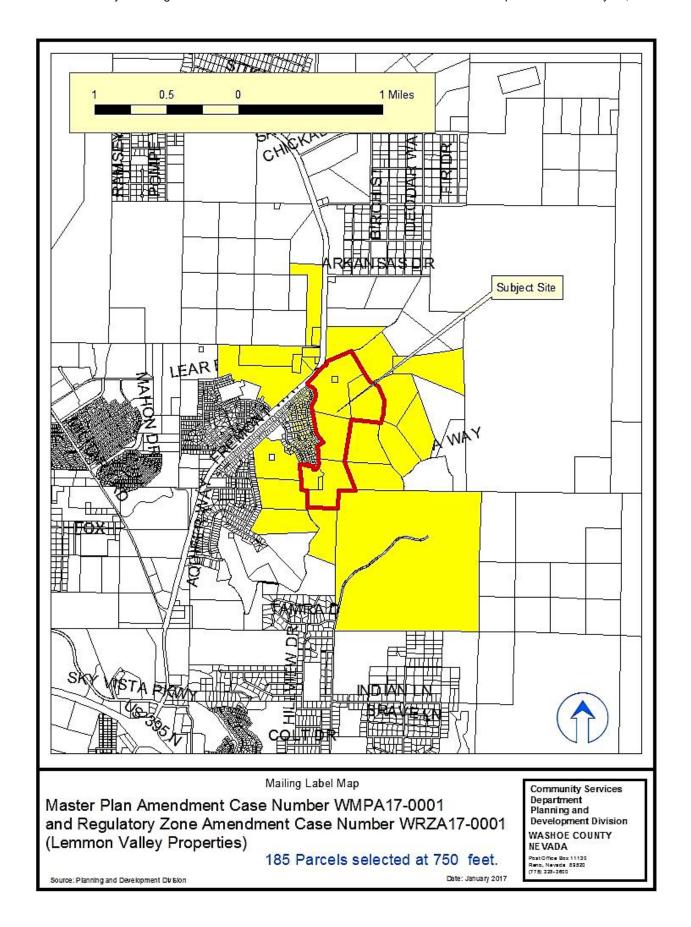
Notice for Regulatory Zone amendments must be given in accordance with the provisions of Nevada Revised Statutes 278.260, as amended.

A minimum of 30 property owners within 750 feet of the area to which the proposed amendments pertain are required to be noticed by mail at least 10 days before the public hearing date. Notice must also be given in a newspaper of general circulation within Washoe County at least 10 days before the public hearing date

Notice was provided in a newspaper of general circulation within Washoe County at least 10 days before the public hearing date. A legal ad was placed with the Reno Gazette Journal for February 24, 2017.

Notice was mailed to the owners of 185 parcels of land within 750 feet of the affected properties. A map showing the location of those parcels is included on the following page of this report.

Owners of all real property to be noticed are owners identified on the latest County Assessor's ownership maps and records. Such notice is complied with when notice is sent to the last known addresses of such real property owners as identified in the latest County Assessor's records. Any person who attends the public hearing is considered to be legally noticed unless those persons can provide evidence that they were not notified according to the provisions of WCC 110.821.20.



#### **Agency Comments**

The proposed amendment was submitted to the following agencies for review and comment.

- State of Nevada
  - Department of Transportation
  - Department of Water Resources
  - Department of Wildlife
  - o Historic Preservation Office
- Washoe County
  - District Attorney
  - o Technology Services Department, Geographic Information Systems Division
  - o Community Services Department, Planning and Development Division
  - o Community Services Department, Engineering and Capital Projects Division
  - Sheriff's Office
- Washoe County Health District
  - Air Quality Management Division
  - o Vector-Borne Diseases Program
  - Emergency Medical Services
- Washoe County School District
- Truckee Meadows Fire Protection District
- Regional Transportation Commission

Comments were received from the following agencies:

- The Regional Transportation Commission (RTC) indicated that, based on the traffic analysis provided, the "intersections of Lemmon Drive / Patrician drive and Lemon Drive / Deodar Drive are shown to meet level of service standards for the 2026 plus project traffic volumes."
- The Vector-Borne Diseases Program of the Health District commented that their department will require conditions related to storm water runoff when development is proposed.

#### **Staff Comment on Required Master Plan Amendment Findings**

Washoe County Code Section 110.820.15(d) requires the Planning Commission to make at least three of the six findings of fact to recommend approval of the amendments to the Washoe County Board of County Commissioners. The following findings are presented for consideration by the Planning Commission:

1. <u>Consistency with Master Plan</u> The proposed amendment is in substantial compliance with the policies and action programs of the Master Plan

<u>Staff Comment</u>: The compatibility between the proposed and existing adjacent master plan categories will remain unchanged overall, as the Master Plan is proposed to remain unchanged, but simply be reconfigured to allow development on the more suitable (flatter) areas. The proposed change will help to minimize disruption to the natural topography, by allowing development on flatter, rather than steeper areas; it will also help to minimize cuts and fills for development of subdivisions, thus implementing policy NV.2.2 of the North Valleys Area Plan.

2. <u>Compatible Land Uses</u> The proposed amendment will provide for land uses compatible with (existing or planned) adjacent land uses, and will not adversely impact the public health, safety or welfare.

<u>Staff Comment</u>: The compatibility between the proposed and existing adjacent master plan categories will remain unchanged overall, as the Master Plan is proposed to remain unchanged, but simply be reconfigured to allow development on the more suitable (flatter) areas.

 Response to Change Conditions The proposed amendment responds to changed conditions or further studies that have occurred since the plan was adopted by the Board of County Commissioners, and the requested amendment represents a more desirable utilization of land.

<u>Staff Comment</u>: Subsequent to approval of the Master Plan and Zoning in this area the available data regarding slopes and topography has improved. Information available through the Washoe County Geographic Information System supports this evaluation.

4. <u>Availability of Facilities</u> There are or are planned to be adequate transportation, recreation, utility, and other facilities to accommodate the uses and densities permitted by the proposed Master Plan designation.

<u>Staff Comment</u>: Future development will primarily be served by existing infrastructure, community water and sewer services will be required at the time of development. Development is planned to occur adjacent to existing developed areas that include housing at a density of three dwellings to the acre.

5. <u>Desired Pattern of Growth</u> The proposed amendment will promote the desired pattern for the orderly physical growth of the County and guides development of the County based on the projected population growth with the least amount of natural resource impairment and the efficient expenditure of funds for public services.

<u>Staff Comment</u>: The proposed amendment promotes the desired pattern for the orderly physical growth of the County by allowing development to take place on more suitable (flatter) areas.

6. <u>Effect on a Military Installation</u> The proposed amendment will not affect the location, purpose and mission of the military installation

<u>Staff Comment</u>: There is no military installation within the area required to be noticed for this amendment. This finding is not required to be made.

Further, the North Valleys Area Plan includes the following applicable policy:

NV.20.3 In order for the Washoe County Planning Commission to recommend approval of any amendment involving a change of land use, the following findings must be made:

a. A feasibility study has been conducted, commissioned and paid for by the applicant, relative to municipal water, sewer and storm water that clearly identifies the improvements likely to be required to support the intensification, and those improvements have been determined to be in substantial compliance with all applicable existing facilities and resource plans for North Valleys by the Department of Water Resources. The Department of Water Resources will establish and maintain the standards and methodologies for these feasibility studies.

Staff Comment. This is not applicable as the request does not intensify the use of the land.

b. A traffic analysis has been conducted that clearly identifies the impact to the adopted level of service within the North Valleys planning area and the improvements likely to be required to maintain/achieve the adopted level of service. This finding may be waived by the Department of Public Works for projects that are determined to have minimal impacts. The Department of Public Works may request any information it deems necessary to make this determination.

<u>Staff Comment</u>: The traffic analysis (included with the project application at Exhibit C to this report) indicates that the current Level of Service will be maintained.

c. For amendments that propose new or intensified commercial land use, the scale of the intended use has been shown to be community serving in nature.

<u>Staff Comment</u>: This is not applicable as the request does not propose new or intensified commercial land use.

d. For residential land use intensifications, the potential increase in residential units will not exceed Washoe County's applicable policy growth level for the North Valleys Area Plan, as established under Goal One.

<u>Staff Comment</u>. This is not applicable as the request does request any increase in residential units in the North Valleys Area Plan.

e. If the proposed intensification will result in a drop below the established policy level of service for transportation (as established by the Regional Transportation Commission and Washoe County) within the North Valleys planning area, the necessary improvements required to maintain the established level of service are scheduled in either the Washoe County Capital Improvements Program or Regional Transportation Improvement Program within three years of approval of the intensification. For impacts to regional roads, the Washoe County Planning Commission, upon written request from the Regional Transportation Commission, may waive this finding.

Staff Comment. This is not applicable as the request does not intensify the use of the land.

f. If roadways impacted by the proposed intensification are currently operating below adopted levels of service, the intensification will not require infrastructure improvements beyond those articulated in Washoe County and regional transportation plans AND the necessary improvements are scheduled in either the Washoe County Capital Improvements Program or Regional Transportation Improvement Program within three years of approval of the intensification.

Staff Comment. This is not applicable as the request does not intensify the use of the land.

g. Washoe County will work to ensure that the long range plans of facilities providers for transportation, water resources, schools and parks reflect the policy growth level established in Policy 1.2. h. If the proposed intensification results in existing public school facilities exceeding design capacity and compromises the Washoe County School District's ability to implement the neighborhood school philosophy for elementary facilities, then there must be a current capital improvement plan or rezoning plan in place that would enable the District to absorb the additional enrollment. The Washoe County Planning Commission, upon request of the Washoe County School Board of Trustees, may waive this finding.

Staff Comment. This is not applicable as the request does not intensify the use of the land.

h. Any existing development in the North Valleys planning area, the Forest planning area, or the Northeast Truckee Meadows planning area which is subject to the conditions of a special use permit will not experience undue hardship in the ability to continue to comply with the conditions of the special use permit or otherwise to continue operation of its permitted activities.

<u>Staff Comment</u>: There is no approved special use permit that will experience undue hardship in the ability to continue to comply with the conditions of the special use permit or otherwise to continue operation of its permitted activities, if this amendment is approved.

#### **Staff Comment on Required Regulatory Zone Amendment Findings**

Washoe County Code Section 110.821.15 of Article 821(d), requires that all of the following findings be made to the satisfaction of the Washoe County Planning Commission before recommending adoption to the Board of County Commissioners. Staff has completed an

analysis of the Regulatory Zone Amendment application and has determined that the proposal is in compliance with the required findings as follows.

1. <u>Consistency with Master Plan</u>. The proposed amendment is in substantial compliance with the policies and action programs of the Master Plan.

<u>Staff Comment:</u> The subject site is adjacent to areas that are developed at a similar density to the proposed density, three dwellings to the acre. The number of dwellings allowed by the proposed Zoning Amendment will not increase the number that is currently allowed. The topography of the area varies from relatively flat, being easily developable, to areas with very steep slopes. The request is to "move" the allowable development to the more suitable areas.

Compatible Land Uses. The proposed amendment will provide for land uses compatible
with (existing or planned) adjacent land uses, and will not adversely impact the public
health, safety or welfare.

<u>Staff Comment:</u> The subject site is adjacent to areas that are developed at a similar density to the proposed density, three dwellings to the acre.

3. Response to Change Conditions; more desirable use. The proposed amendment responds to changed conditions or further studies that have occurred since the plan was adopted by the Board of County Commissioners, and the requested amendment represents a more desirable utilization of land.

<u>Staff Comment:</u> Subsequent to approval of the Master Plan and Zoning in this area the available data regarding slopes and topography has improved.

4. <u>Availability of Facilities.</u> There are or are planned to be adequate transportation, recreation, utility, and other facilities to accommodate the uses and densities permitted by the proposed amendment.

<u>Staff Comment:</u> The number of dwellings allowed by the proposed Master Plan and Zoning Amendments will not increase the number that is currently allowed.

5. <u>No Adverse Effects.</u> The proposed amendment will not adversely effect the implementation of the policies and action programs of the Washoe County Master Plan.

<u>Staff Comment:</u> The proposed amendment will help to implement the policies and action programs of the Washoe County Master Plan, particularly policy NV.2.2 of the North Valleys Area Plan.

6. <u>Desired Pattern of Growth.</u> The proposed amendment will promote the desired pattern for the orderly physical growth of the County and guides development of the County based on the projected population growth with the least amount of natural resource impairment and the efficient expenditure of funds for public services.

<u>Staff Comment:</u> The proposed amendment will promote the desired pattern for the orderly physical growth of the County and guides development of the County based on the projected population growth with the least amount of natural resource impairment by allowing development on the more suitable (flatter) areas at a density of three dwellings to the acre.

7. Effect on a Military Installation When a Military Installation is Required to be Noticed. The proposed amendment will not affect the location, purpose and mission of a military installation.

<u>Staff Comment:</u> There is no military installation within the area required to be noticed for this amendment. This finding is not required to be made.

#### **Recommendations**

It is recommended that the Washoe County Planning Commission adopt the resolution contained at Exhibit A to this staff report to amend the Master Plan as set forth in Master Plan Amendment Case Number WMPA17-0002. It is further recommended that the Planning Commission recommend adoption of the Master Plan Amendment to the Washoe County Board of County Commissioners.

Those agencies which reviewed the application provided commentary in support of approval of the regulatory zone amendment. Therefore, after a thorough analysis and review, it is recommended that the Washoe County Planning Commission adopt the resolution contained at Exhibit B to this staff report recommending the proposed Regulatory Zone Amendment for adoption to the Board of County Commissioners.

The following motions are provided for your consideration:

#### **Master Plan Amendment Recommended Motion**

I move that, after giving reasoned consideration to the information contained in the staff report and information received during the public hearing, the Washoe County Planning Commission adopt the resolution contained at Exhibit A to this staff report to amend the Master Plan as set forth in Master Plan Amendment Case Number WMPA17-0002 having made the following four findings in accordance with Washoe County Code Section 110.820.15(d) and two further findings required by the North Valleys Area Plan at Policy NV.20.3 (included as number 6 and 7, below).

- 1. <u>Consistency with Master Plan</u>. The proposed amendment is in substantial compliance with the policies and action programs of the Master Plan;
- Compatible Land uses. The proposed amendment will provide for land uses compatible
  with (existing or planned) adjacent land uses, and will not adversely impact the public
  health, safety or welfare;

- 3. Response to Changed Conditions. The proposed amendment responds to changed conditions or further studies that have occurred since the plan was adopted by the Board of County Commissioners, and the requested amendment represents a more desirable utilization of land:
- 4. <u>Availability of Facilities</u>. There are or are planned to be adequate transportation, recreation, utility, and other facilities to accommodate the uses and densities permitted by the proposed Master Plan designation; and
- 5. <u>Desired Pattern of Growth</u>. The proposed amendment will promote the desired pattern for the orderly physical growth of the County and guides development of the County based on the projected population growth with the least amount of natural resource impairment and the efficient expenditure of funds for public services.
- 6. <u>Traffic Analysis</u>. A traffic analysis has been conducted that clearly identifies the impact to the adopted level of service within the North Valleys planning area and the improvements likely to be required to maintain/achieve the adopted level of service.
- 7. <u>Existing Development</u>. There is no existing development in the North Valleys planning area, which is subject to the conditions of a special use permit that will experience undue hardship in the ability to continue to comply with the conditions of the special use permit or otherwise to continue operation of its permitted activities.

I further move to certify the resolution and the proposed Master Plan Amendments in WMPA17-0002 as set forth in this staff report for submission to the Washoe County Board of County Commissioners and authorize the chair to sign the resolution on behalf of the Planning Commission.

#### **Regulatory Zone Amendment Recommended Motion**

I move that, after giving reasoned consideration to the information contained in the staff report and information received during the public hearing, the Washoe County Planning Commission adopt the resolution contained at Exhibit B to recommend adoption of Regulatory Zone Amendment Case Number WRZA17-0001 to the Washoe County Board of Commissioners having made all of the following findings in accordance with Washoe County Code Section 110.821.15:

- 1. <u>Consistency with Master Plan.</u> The proposed amendment is in substantial compliance with the policies and action programs of the Master Plan.
- 2. <u>Compatible Land Uses.</u> The proposed amendment will provide for land uses compatible with (existing or planned) adjacent land uses, and will not adversely impact the public health, safety or welfare.

- Response to Change Conditions; more desirable use. The proposed amendment responds to changed conditions or further studies that have occurred since the plan was adopted by the Board of County Commissioners, and the requested amendment represents a more desirable utilization of land.
- 4. <u>Availability of Facilities.</u> There are or are planned to be adequate transportation, recreation, utility, and other facilities to accommodate the uses and densities permitted by the proposed amendment.
- 5. <u>No Adverse Effects.</u> The proposed amendment will not adversely effect the implementation of the policies and action programs of the Washoe County Master Plan.
- 6. <u>Desired Pattern of Growth.</u> The proposed amendment will promote the desired pattern for the orderly physical growth of the County and guides development of the County based on the projected population growth with the least amount of natural resource impairment and the efficient expenditure of funds for public services.

#### **Appeal Process**

Planning Commission action will be effective 10 calendar days after the written decision is filed with the Secretary to the Planning Commission and mailed to the original applicant, unless the action is appealed to the Washoe County Board of County Commissioners, in which case the outcome of the appeal shall be determined by the Washoe County Board of County Commissioners. Any appeal must be filed in writing with the Planning and Development Division within 10 calendar days after the written decision is filed with the Secretary to the Planning Commission and mailed to the original applicant.

xc: Applicant: JDS, LLC, Attn.: Derek Larson, 7500 Rough Rock Road, Reno, NV 89502

Property Owner: Juan and Linda Arevalo, 6012 Valley Flower Street, North Las Vegas, NV

89081

Consultant: Manhard Consulting, Attn: Chris Baker, 9850 Double R Boulevard, Suite

101, Reno, NV 89521



#### RESOLUTION OF THE WASHOE COUNTY PLANNING COMMISSION

# ADOPTING AN AMENDMENT TO THE WASHOE COUNTY MASTER PLAN, NORTH VALLEYS MASTER PLAN MAP (WMPA17-0002), AND RECOMMENDING ITS ADOPTION TO THE BOARD OF COUNTY COMMISSIONERS

#### Resolution Number 17-01

Whereas, Master Plan Amendment Case Number WMPA17-0002 (Lemmon Valley Properties) came before the Washoe County Planning Commission for a duly noticed public hearing on March 7, 2017; and,

Whereas, the Washoe County Planning Commission heard public comment and input from both staff and applicant representatives regarding the proposed master plan amendment; and,

Whereas, the Washoe County Planning Commission has given reasoned consideration to the information it has received regarding the proposed master plan amendment; and,

Whereas, the Washoe County Planning Commission has made the findings necessary to support adoption of the proposed Master plan Amendment Case Number WMPA17-0002 as set forth in NRS Chapter 278, Washoe County Code Chapter 110, Article 820, and the North Valleys Area Plan Policy NV.20.3 as follows:

Washoe County Code Section 110.820.15 (d) Master Plan Amendment and North Valleys Area Plan Policy NV.20.3 Findings

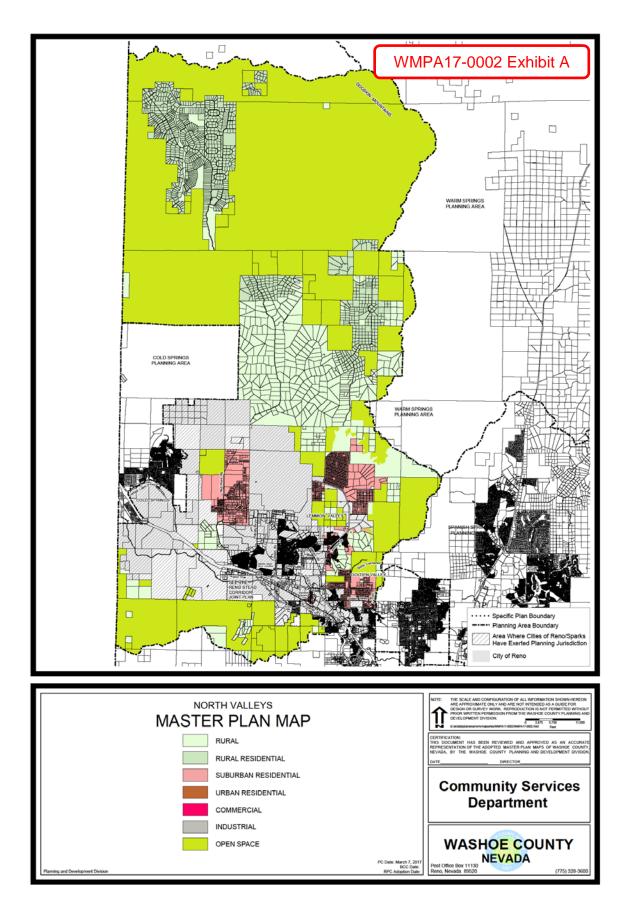
- 1. <u>Consistency with Master Plan</u>. The proposed amendment is in substantial compliance with the policies and action programs of the Master Plan;
- 2. <u>Compatible Land uses</u>. The proposed amendment will provide for land uses compatible with (existing or planned) adjacent land uses, and will not adversely impact the public health, safety or welfare;
- 3. <u>Response to Changed Conditions</u>. The proposed amendment responds to changed conditions or further studies that have occurred since the plan was adopted by the Board of County Commissioners, and the requested amendment represents a more desirable utilization of land:
- 4. <u>Availability of Facilities</u>. There are or are planned to be adequate transportation, recreation, utility, and other facilities to accommodate the uses and densities permitted by the proposed Master Plan designation;
- 5. <u>Desired Pattern of Growth</u>. The proposed amendment will promote the desired pattern for the orderly physical growth of the County and guides development of the County based on the projected population growth with the least amount of natural resource impairment and the efficient expenditure of funds for public services;

- Traffic Analysis. A traffic analysis has been conducted that clearly identifies the impact to the adopted level of service within the North Valleys planning area and the improvements likely to be required to maintain/achieve the adopted level of service; and
- 7. <u>Existing Development</u>. There is no existing development in the North Valleys planning area, which is subject to the conditions of a special use permit that will experience undue hardship in the ability to continue to comply with the conditions of the special use permit or otherwise to continue operation of its permitted activities;

NOW, THEREFORE, BE IT RESOLVED pursuant to NRS 278.210(3) that (1) the Washoe County Planning Commission does hereby adopt the proposed master plan amendment in Master Plan Amendment Case Number WMPA17-0002, comprised of the maps, descriptive matter and other matter intended to constitute the amendment as submitted at public hearing noted above and included as Exhibit A; and (2) to the extent allowed by law, this approval is subject to the conditions adopted by the Planning Commission at the public hearing noted above.

ADOPTED on March 7, 2017	
	WASHOE COUNTY PLANNING COMMISSION
ATTEST:	
Carl R. Webb, Jr., AICP, Secretary	James Barnes, Chair

Attachment: Exhibit A – North Valleys Master Plan Map





#### RESOLUTION OF THE WASHOE COUNTY PLANNING COMMISSION

## RECOMMENDING ADOPTION OF REGULATORY ZONE AMENDMENT CASE NUMBER WRZA17-0001 AND THE AMENDED NORTH VALLEYS REGULATORY ZONE MAP

#### Resolution Number 17-02

Whereas, Regulatory Zone Amendment Case Number WRZA17-0001 came before the Washoe County Planning Commission for a duly noticed public hearing on March 7, 2017; and,

Whereas, the Washoe County Planning Commission heard public comment and input from staff regarding the proposed Regulatory Zone Amendment; and,

Whereas, the Washoe County Planning Commission has given reasoned consideration to the information it has received regarding the proposed Regulatory Zone Amendment; and,

Whereas, the proposed Regulatory Zone Amendment shall be recommended for adoption pending adoption of proposed Master Plan Amendment Case Number WMPA17-0002 by the Washoe County Board of Commissioners and a finding of conformance with the Truckee Meadows Regional Plan; and,

Whereas, the Washoe County Planning Commission has made the findings, pursuant to NRS Chapter 278 and WCC110.821.15 (d), necessary to support adoption of this proposed Regulatory Zone Amendment as follows:

- 1. <u>Consistency with Master Plan</u>. The proposed amendment is in substantial compliance with the policies and action programs of the Master Plan and the Regulatory Zone Map.
- Compatible Land Uses. The proposed amendment will provide for land uses compatible with (existing or planned) adjacent land uses, and will not adversely impact the public health, safety or welfare.
- 3. Response to Changed Conditions. The proposed amendment responds to changed conditions or further studies that have occurred since the plan was adopted by the Board of County Commissioners, and the requested amendment represents a more desirable utilization of land.
- 4. <u>Availability of Facilities</u>. There are or are planned to be adequate transportation, recreation, utility, and other facilities to accommodate the uses and densities permitted by the proposed amendment.
- 5. <u>Master Plan Policies and Action Programs</u>. The proposed amendment will not adversely affect the implementation of the policies and action programs of the Washoe County Master Plan.
- 6. <u>Desired Pattern of Growth</u>. The proposed amendment will promote the desired pattern for the orderly physical growth of the County and guides development of the County based on the projected population growth with the least amount of natural resource impairment and the efficient expenditure of funds for public services.

purpose and mission of a military installation.

NOW, THEREFORE, BE IT RESOLVED that the Washoe County Planning Commission does hereby recommend adoption of Regulatory Zone Amendment Case Number WRZA17-0001 and the amended North Valleys Regulatory Zone Map as included as Exhibit A to this Resolution to the Washoe County Board of Commissioners.

7. Effect on a Military Installation. The proposed amendment will not affect the location,

ADOPTED on March 7, 2017.

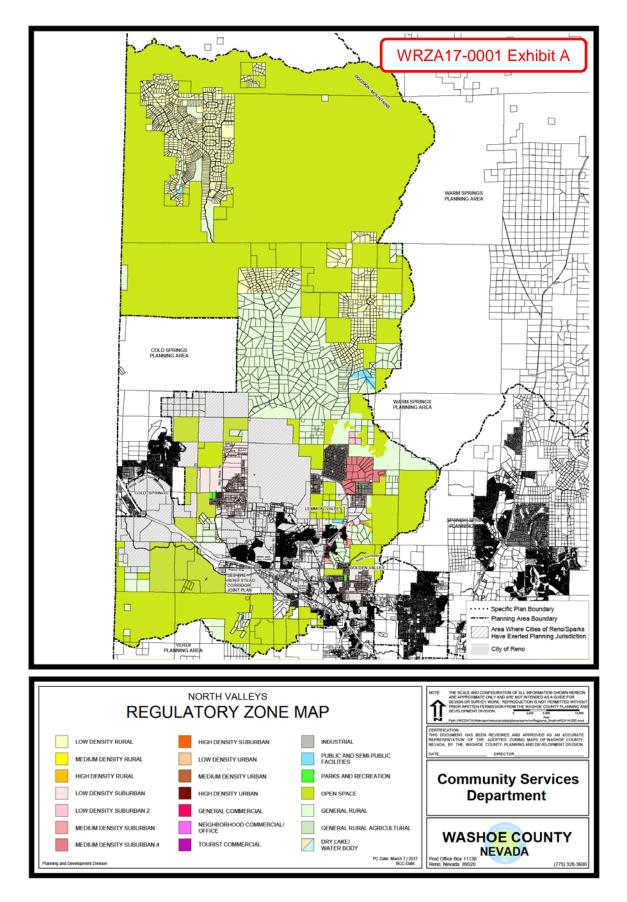
WASHOE COUNTY PLANNING COMMISSION

ATTEST:

Carl R. Webb, Jr., AICP, Secretary

James Barnes, Chair

Attachment: Exhibit A – North Valleys Regulatory Zone Map



# Lemmon Valley Properties MPA & RZA Application

**WASHOE COUNTY, NV** 

January 17, 2017







Civil Engineering
Surveying
Water Resources Management
Water & Wastewater Engineering
Supply Chain Logistics
Construction Management
Environmental Sciences
Landscape Architecture
Land Planning

January 17, 2017

Mr. Bill Whitney
Planning and Development Division Director
PO Box 11130
Reno, NV 89520-0027

Re: Lemmon Valley Properties; Master Plan Amendment and Regulatory Zone Amendment Application

Dear Mr. Whitney,

On behalf of JDS LLC, Manhard Consulting appreciates your consideration of the enclosed applications for a Master Plan Amendment and Regulatory Zoning Amendment. The project is located in Lemmon Valley (APNs 080-730-18, 080-730-19, 080-730-21, 080-635-01, 080-635-02, and 552-210-07) and is within the North Valleys Area Plan, Lemmon Valley Suburban Character Management Area. The parcels have Master Plan designations of Suburban Residential (SR) and Rural (R) and are zoned a mix of Medium Density Suburban (MDS) and General Rural (GR).

This application packet includes the following:

- Application Fees
- Property Owner affidavits
- Proof of Property Tax Payments
- Title Report
- MPA Application Form
- RZA Application Form
- Application Map (Proposed Master Plan and Zoning Maps)
- Application attachments (Existing Master Plan and Zoning Maps, Slope Map)
- Traffic Impact Report
- Compliance with North Valleys Area Plan

#### **Existing Conditions**

The parcels have a mix of Master Plan designations SR and R and are zoned a mix of MDS and GR. The Washoe County Development Code, Development Standards permits 3 units per acre in the MDS zoning designation and 1 unit per 40 acres in the GR zoning Designation. The parcels are

currently undeveloped. Existing Zoning and Master Plan designations, permitted density, and permitted units are detailed in following table:

APN	Total Acreage*	Master Plan	Zoning	SR/MDS Split Acreage	R/GR Split Acreage	Density/ Intensity	Permitted Units
080-730-18	65.869	SR	MDS	9.88		3 du/ac	29.64
		R	GR		55.988	1 du/40 ac	1
080-730-19	41.05	R	GR		41.05	1 du/40 ac	1
080-730-21	43.211	SR	MDS	.432		3 du/ac	1.29
		R	GR		42.778	1 du/40 ac	1
080-635-01	13.59	SR	MDS	13.59		3 du/ac	40.77
080-635-02	1.89	SR	MDS	1.89		3 du/ac	5.67
552-210-07	43.005	SR	MDS	43.005		3 du/ac	129
	208.615	TOTAL SPLIT ACREAGE		68.797	139.816		

#### **TOTAL PERMITTED UNITS 209**

#### **Surrounding Area**

The Lemmon Valley neighborhood surrounding the project site is characterized by a mix of land uses, including developed single family residential, open space, and undeveloped land zoned for single family residential use.

Direction	Master Plan	Zoning	Current Land Use		
North	Suburban Residential	SF15 (City of Reno)/ Medium Density Suburban (Washoe County)	Vacant, Single Family (unimproved)		
South	Open Space Rural	N/A General Rural	Open Space (USA) Vacant, Single family (unimproved)		
East	Rural	General Rural	Vacant, single family (unimproved)		
West	Suburban Residential	Medium Density Suburban	Single Family Residential		

<sup>\*</sup> Total Acreage provided by Washoe County GIS Quick Map and is assumed to be correct.

#### **Project Request**

The MPA and RZA applications include a proposal to alter the split Master Plan designations of SR and R to an alternate mix of SR/R (with the same total acreage or SR/R) and will alter the split zoning designations of GR and MDS to an alternate mix of GR/MDS (with the same total acreage of GR/MDS) to allow for residential development in appropriate areas based on slope of the +/- 208.615 acre project site. The overall density of the project area will not change; the current zoning designations allow for 207 units to be developed and 207 are proposed to be developed if the MPA/RZA are approved. As proposed, this MPA/RZA will allow for the 207 housing units to be distributed in a more logical configuration that accommodates the natural slope of the site and has less impact to the existing neighborhood.

The attached map shows the proposed mix of SR and R Master Plan designations and MDS and GR zoning designations. The total acreage of each designation remains unchanged; the existing and proposed split acres remains 68.797 acres SR/MDS and 139.816 acres R/GR.

#### **Proposed Master Plan and Zoning Designations**

APN	Total Acreage *	Existing SR/MDS Split Acreage	Existing R/GR Split Acreage	Proposed SR/MDS Split Acreage	Proposed R/GR Split Acreage	Density/ Intensity	Permitted Units
080-730-18	65.869	9.88		23.99		3 du/ac	29.64
			55.988		41.879	1 du/40 ac	1.00
080-730-19	41.05		41.05	3.06		1 du/40 ac	1.00
					37.99		
080-730-21	43.211	.432		8.59		3 du/ac	1.29
			42.778		34.621	1 du/40 ac	1.00
080-635-01	13.59	13.59		13.59		3 du/ac	40.77
080-635-02	1.89	1.89		1.50		3 du/ac	5.67
					.39		
552-210-07	43.005	43.005		18.067		3 du/ac	129.00
					24.938		
	208.615	68.797	139.816	68.797	139.816		
					OTAL PERMI		209

<sup>\*</sup> Total Acreage provided by Washoe County GIS Quick Map and is assumed to be correct.

The project is consistent with the goals and policies of the Washoe County Master Plan and North Valleys Area Plan.

If you have any questions or require any additional information, please contact me at 775-746-3500 ext. 4821 or kdowns@manhard.com.

Sincerely,

Karen Downs

Land Planner

Manhard Consulting

Karn Dan



# **Existing Master Plan**

1 inch = 500 Feet 1,000 Feet

N



# Legend **Project Boundary** Existing Parcels & APN# Suburban Residential 68.79 Acres Rural 139.81 Acres WRZA 17-0001

**EXHIBIT** C



# Proposed Master Plan

1 inch = 500 Feet 1,000 Feet



# Legend Project Boundary Existing Parcels & APN# Suburban Residential 68.79 Acres Rural 139.81 Acres



# **Existing Zoning**

1 inch = 500 Feet 1,000 Feet



# Legend Project Boundary Existing Parcels & APN# Medium Density Suburban 68.79 Acres General Rural 139.81 Acres WMPA17-0002 & WRZA17-0001

**EXHIBIT C** 



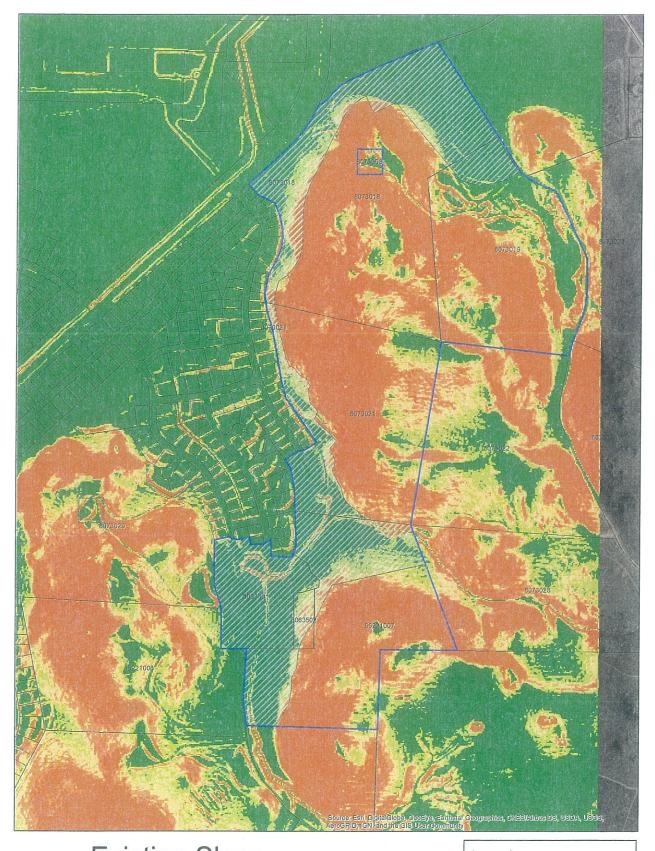
# **Proposed Zoning**

1 inch = 500 Feet 1,000 Feet

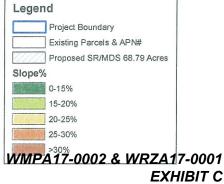
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# Legend Project Boundary Existing Parcels & APN# Medium Density Suburban 68.79 Acres General Rural 139.81 Acres







# JDS LLC Lemmon Valley MPA/RZA

#### COMPLIANCE WITH NORTH VALLEYS AREA PLAN



The proposed MPA/RZA complies with the intent of the North Valleys Area Plan, establishing a land use pattern and site development that will implement and preserve the Lemmon Valley community character.

The following relevant policies have been reviewed and incorporated into the MPA/RZA Applications:

#### NV.1.1, NV.1.2, NV.1.7, NV.2.1, NV.2.2, NV.2.3, NV.2.4, NV.2.5, NV.2.6, NV.6.1

Per North Valleys Area Plan requirements, the standards established in policies NV.2.1-NV.2.6 and NV 6.1 will be implemented through tentative map conditions, improvements plans, CC&Rs, or deed restrictions as appropriate. Washoe County staff shall establish the implementation measures as conditions of tentative map approval.

**NV 7.1** Washoe County's policy level of service (LOS) for local transportation facilities in the North Valleys planning area is LOS "C". All development proposals must demonstrate how the established level of service on local transportation facilities will be maintained.

A Traffic Study has been prepared for this project. Approval of the MPA and RZA will provide for an improved circulation pattern (than the currently approved development pattern) because the units will be more dispersed through the project area and there will be more access points to and from the development. At the time of Tentative Map submittal, specific implementation measures will be included to ensure LOS "C" or better at all intersections, pursuant to the requirement in NV 7.1.

#### NV 8.1, NV 8.2, NV 8.3

These requirements will be incorporated into the Tentative Map at the time of submittal.

**NV 9.1** Prior to the approval of master plan amendments, tentative maps, or public-initiated capital improvements in the North Valleys planning area, the Nevada Department of Conservation and Natural Resources will be contacted and, if the department requires, an appropriate archaeological investigation will be conducted.

The Washoe County Master Plan Cultural Resources and Sensitive Landscapes Map does not indicate a high "Cultural Resources Value" of this area. However, contact with the Nevada Department of Conservation and Natural Resources will be contacted and, if the department requires, an appropriate archaeological investigation will be conducted.

#### Account Detail

Back to Search Results	Change of Address	Print this Page	
Parcel ID	Status	Last Update	
08073018	Active	12/30/2016 2:09:55 AM	
Current Owner: LARSON, DEREK V	SITUS: 1200 ESTATES F WCTY NV	RD	
7500 ROUGH ROCK DR RENO, NV 89502			
Taxing District 4000	Geo CD:		
	Legal Description		
Township 21 Section Lot 50 Block Range 19	SubdivisionName UNSPECIFIED		

Tara	and an artical of	ne vasaritare dua dari	as and further nets	11.11	
Tax Year 2016	Net Tax \$619.60	Total Paid \$641.29	Penality/Fees \$0.00	Interest \$0.00	Balance Due \$0.00
2015	\$1,819.92	\$1,838.12	\$0.00	\$0.00	\$0.00
2014	\$1,780.10	\$1,780.10	\$0.00	\$0.00	\$0.00
2013	\$1,783.66	\$1,783.66	\$0.00	\$0.00	\$0.00
2012	\$2,017.04	\$2,017.04	\$0.00	\$0.00	\$0.00

Total \$0.00

- ALERTS. If your real property taxes are delinquent, the search results displayed may not reflect the correct amount owing. Please contact our office for the current amount due.
- For your convenience, online payment is available on this site. E-check payments are accepted without a fee. However, a service fee does apply for online credit card payments. See Payment Information for details.

No payment due for this account.

\$0.00

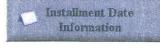
Please make checks payable to: WASHOE COUNTY TREASURER

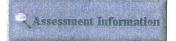
Mailing Address: P.O. Box 30039 Reno, NV 89520-3039

Overnight Address: 1001 E. Ninth St., Ste D140 Reno, NV 89512-2845









The Washoe County Treasurer's Office makes every effort to produce and publish the most current and accurate information possible. No warranties, expressed or implied, are provided for the data herein, its use, or its interpretation. If you have any questions, please contact us at (775) 328-2510 or tax@washoecounty.us

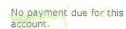
#### Account Detail

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Parcel ID	Status	Last Update
08073019	Active	12/30/2016 2:09:55 AM
Current Owner: LARSON, DEREK V 7500 ROUGH ROCK DR	SITUS: 1200 ESTATES RD WCTY NV	
RENO, NV 89502		
Taxing District 4000	Geo CD:	
	Legal Description	

Section Lot 49 Block Range 19 Township 21 SubdivisionName \_UNSPECIFIED

ax Year	Net Tax	Total Paid	Penalty/Fees	Interest	Balance Due
2016	\$2,063.78	\$2,136.02	\$0.00	\$0.00	\$0.00
2015	\$408.27	\$412.35	\$0.00	\$0.00	\$0.00
2014	\$408.28	\$412.36	\$0.00	\$0.00	\$0.00
2013	\$408.28	\$408.28	\$0.00	\$0.00	\$0.00
2012	\$567.06	\$567.06	\$0.00	\$0.00	\$0.00

- ALERTS: If your real property taxes are delinquent, the search results displayed may not reflect the correct amount owing. Please contact our office for the current amount due.
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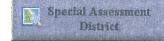
\$0.00

Please make checks payable to: WASHOE COUNTY TREASURER

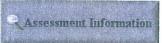
Mailing Address: P.O. Box 30039 Reno, NV 89520-3039

Overnight Address: 1001 E. Ninth St., Ste D140 Reno, NV 89512-2845









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#### Account Detail

Back to Search Results	Change of Address	Print this Page
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Parcel ID	Status	Last Update
08073021	Active	12/30/2016 2:09:55 AM
Current Owner: AREVALO, JUAN D & LINDA C 6012 VALLEY FLOWER ST	505	TUS: 5 PALACE DR TY NV
NORTH LAS VEGAS, NV 89081		
Taxing District 4000	Geo	D CD:
ACTUAL CONTRACTOR CONTRACTOR OF THE CONTRACTOR CONTRACT	egal Description	

Legal Description

Range 19 Lot 51 SubdivisionName \_UNSPECIFIED Township 21

Tax Year	Net Tax	Total Paid	Penalty/Fees	Interest	Balance Due
2016	\$409.09	\$423.41	\$0.00	\$0.00	\$0.00
2015	\$408.27	\$421.73	\$0.00	\$0.00	\$0.00
2014	\$408.28	\$447.37	\$0.00	\$0.00	\$0.00
2013	\$408.28	\$424.52	\$0.00	\$0.00	\$0.00
2012	\$567.06	\$596.64	\$0.00	\$0.00	\$0.00
				Total	

- ALERTS: If your real property taxes are delinquent, the search results displayed may not reflect the correct amount owing. Please contact our office for the current amount due.
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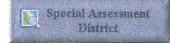
No payment due for this account.

Please make checks payable to: WASHOE COUNTY TREASURER

Mailing Address: P.O. Box 30039 Reno, NV 89520-3039

Overnight Address: 1001 E. Ninth St., Ste D140 Reno, NV 89512-2845









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#### Account Detail

Back to Search Results Change of Address Print this Page Parcel ID Status Last Update 08063501 Active 1/16/2017 2:09:50 AM Current Owner: SITUS: JDS LLC O E PATRICIAN DR WASHOE COUNTY NV 7500 ROUGH ROCK DR RENO, NV 89502 **Taxing District** Geo CD: 4000

Legal Description

Township 21 Section 34 Lot Block Range 19 SubdivisionName \_UNSPECIFIED

Tax Year	Net Tax	Total Paid	Penalty/Fees	Interest	Balance Due
2016	\$289.56	\$144.78	\$4.58	\$0.00	\$159.02
2015	\$288.98	\$288.98	\$0.00	\$0.00	\$0.00
2014	\$288.98	\$288.98	\$0.00	\$0.00	\$0.00
2013	\$288.98	\$288.98	\$0.00	\$0.00	\$0.00
2012	\$385.28	\$385.28	\$0.00	\$0.00	\$0.00

Unportant Payment Information

- <u>ALERTS.</u> If your real property taxes are delinquent, the search results displayed may not reflect the correct amount owing. Please contact our office for the current amount due.
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\$0.00

Please make checks payable to: WASHOE COUNTY TREASURER

Mailing Address: P.O. Box 30039 Reno, NV 89520-3039

Overnight Address: 1001 E. Ninth St., Ste D140 Reno, NV 89512-2845









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#### Account Detail

Back to Search Results	Change of Address	Print this Page
West that Turney Parts Tofathers a		
Parcel ID	Status	Last Update
08063502	Active	1/16/2017 2:09:50 AM
Current Owner: JDS LLC	SITUS: 0 E PATRICIAN DR WASHOE COUNTY N	W
7500 ROUGH ROCK DR RENO, NV 89502	WASHEL COUNTY	v
Taxing District 4000	Geo CD:	

Legal Description

Township 21 Section 34 Lot Block Range 19 SubdivisionName \_UNSPECIFIED

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Important Payment Information

- <u>ALERTS.</u> If your real property taxes are delinquent, the search results displayed may not reflect the correct amount owing. Please contact our office for the current amount due.
- For your convenience, online payment is available on this site. E-check payments are accepted without a fee. However, a service fee does apply for online credit card payments. See Payment Information for details.



This item has been paid.

\$0.00

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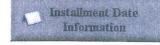
Please make checks payable to: WASHOE COUNTY TREASURER

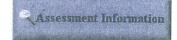
Mailing Address: P.O. Box 30039 Reno, NV 89520-3039

Overnight Address: 1001 E. Ninth St., Ste D140 Reno, NV 89512-2845









The Washoe County Treasurer's Office makes every effort to produce and publish the most current and accurate information possible. No warranties, expressed or implied, are provided for the data herein, its use, or its interpretation. If you have any questions, please contact us at (775) 328-2510 or tax@washoecounty.us

#### Account Detail

Back to Search Results Change of Address Print this Page mashod County Parcel Information Parcel ID Status Last Update 55221007 Active 1/16/2017 2:09:50 AM Current Owner: SITUS: LARSON, DEREK O E PATRICIAN DR WASHOE COUNTY NV 5355 KIETZKE LN STE 200 RENO, NV 89511 **Taxing District** Geo CD: 4000

Legal Description

Township 21 Section Lot 52 Block Range 19 SubdivisionName \_UNSPECIFIED

ax Year	Net Tax	Total Paid	Penalty/Fees	Interest	Balance Due
2016	\$916.39	\$0.00	\$73.32	\$0.00	\$989.71
2015	\$914.56	\$914.56	\$0.00	\$0.00	\$0.00
2014	\$914.56	\$914.86	\$0.00	\$0.00	\$0.00
2013	\$914.56	\$914.56	\$0.00	\$0.00	\$0.00
2012	\$1,105.50	\$1,105.52	\$0.00	\$0.00	\$0.00

Important Payment Information

- ALERTS. If your real property taxes are delinquent, the search results displayed may not reflect the correct amount owing. Please contact our office for the current amount due.
- For your convenience, online payment is available on this site. E-check payments are accepted without a fee. However, a service fee does apply for online credit card payments. See Payment Information for details.



Please make checks payable to: WASHOE COUNTY TREASURER

Mailing Address: P.O. Box 30039 Reno, NV 89520-3039

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# Community Services Department Planning and Development MASTER PLAN AMENDMENT APPLICATION



Community Services Department Planning and Development 1001 E. Ninth St., Bldg. A Reno, NV 89520

Telephone: 775.328.3600

#### **Washoe County Development Application**

Your entire application is a public record. If you have a concern about releasing personal information, please contact Planning and Development staff at 775.328.3600.

Project Information	S	Staff Assigned Case No.:	
Project Name: JDS LL	C Lemmon	Valley Properties	MPA/RZA
Ligeoription	Master Plan Amei single family reside	ndment and Regulatory Zo ential subdivision.	ne Amendment
Project Address: 1200 Estates	Road, Washoe County	, NV 89506	
Project Area (acres or square for	eet): 208.615 acres		
Project Location (with point of r	eference to major cross	streets AND area locator):	
Lemmon Drive/De	eodar Way/E	Estates Road; Lem	ımon Valley
Assessor's Parcel No.(s):	Parcel Acreage:	Assessor's Parcel No.(s):	Parcel Acreage:
see cover letter (6 parcels)			
Section(s)/Township/Range:			
Indicate any previous Wash	oe County approval	s associated with this applica	tion:
Case No.(s).			
Applicant In	<b>formation</b> (attach	additional sheets if necess	sary)
Property Owner: (multiple- 6	parcels)	Professional Consultant:	
Name: Derek Larson; JDS LLC;	Juan and Linda Arevalo	Name: Manhard Consulting	
Address: 7500 Rough Rock Ro	ad, Reno NV	Address: 9850 Double R Bouleva	rd, Suite 101, Reno N\
	Zip: 89502		Zip: 89521
Phone: 775-544-5482	Fax:	Phone: 775-746-3500	Fax:
Email: dvlarson03@gmail.com		Email: cbaker@manhard.com	
Cell:	Other:	Cell:	Other:
Contact Person: Derek Larson		Contact Person: Chris Baker	
Applicant/Developer:		Other Persons to be Contact	ted:
Name: Derek Larson; JDS LLC		Name:	
Address: 7500 Rough Rock Ro	ad, Reno NV	Address:	
	Zip: 89502		Zip:
Phone: 775-544-5482	Fax:	Phone:	Fax:
Email: dvlarson03@gmail.com		Email:	
Cell:	Other:	Cell:	Other:
Contact Person: Derek Larson		Contact Person:	
	For Office	Use Only	
Date Received:	Initial:	Planning Area:	
County Commission District:		Master Plan Designation(s):	
CAB(s):		Regulatory Zoning(s):	

Applicant Name: 12010 VA	1567
The receipt of this application at the time of submittal or requirements of the Washoe County Development applicable area plan, the applicable regulatory zoning will be processed.	Code, the Washoe County Master Plan or the
STATE OF NEVADA )	
COUNTY OF WASHOE )	
I. Devek Vlausom (please prin	it nama)
being duly sworn, depose and say that I am the ow application as listed below and that the foregoing st information herewith submitted are in all respects comp and belief. I understand that no assurance or guara Development.	mer* of the property or properties involved in this tatements and answers herein contained and the olete, true, and correct to the best of my knowledge
(A separate Affidavit must be provided by each	
Assessor Parcel Number(s): 552-210-	
Prin	signed Signed
	Address 7500 Rough LOEK fr
	Reno NY 84507-
Subscribed and sworn to before me this	(Notary Stamp)
Notary Public in and for said county and state  My commission expires: 8/30/17	D. M. ROGERS Notary Public State of Nevada No. 13-11619-2 My Appt. Exp. Aug. 30, 2017
*Owner refers to the following: (Please mark appropriate	te box.)
☐ Owner	
☐ Corporate Officer/Partner (Provide copy of reco	ord document indicating authority to sign.)
Power of Attorney (Provide copy of Power of At	torney.)
<ul> <li>Owner Agent (Provide notarized letter from proj</li> </ul>	perty owner giving legal authority to agent.)
☐ Property Agent (Provide copy of record docume	ent indicating authority to sign.)
<ul> <li>Letter from Government Agency with Stewardsh</li> </ul>	nip

Applicant Name: 100 LL	
,	as .
requirements of the Washoe County Developr	littal does not guarantee the application complies with all ment Code, the Washoe County Master Plan or the oning, or t hat the application is deemed complete and
STATE OF NEVADA )	
COUNTY OF WASHOE )	
1. Derek Larson	
-	e print name)
application as listed below and that the foregoing information herewith submitted are in all respects	e owner* of the property or properties involved in this ng statements and answers herein contained and the complete, true, and correct to the best of my knowledge guarantee can be given by members of Planning and
(A separate Affidavit must be provided by	each property owner named in the title report.)
Assessor Parcel Number(s): 080 635	501+08063502
	Printed Name JOS LLC
	Signed
	Address 7500 Rough Rax Or
	Rem N 84502
Subscribed and sworn to before me this day of	(Notary Stamp)
Notary Public in and for said county and state  My commission expires: 8/30/17	D. M. ROGERS Notary Public State of Nevada No. 13-11619-2 My Appt. Exp. Aug. 30, 2017
*Owner refers to the following: (Please mark appre	opriate box.)
□ Owner	
☐ Corporate Officer/Partner (Provide copy of	record document indicating authority to sign.)
☐ Power of Attorney (Provide copy of Power	of Attorney.)
<ul> <li>Owner Agent (Provide notarized letter from</li> </ul>	n property owner giving legal authority to agent.)
☐ Property Agent (Provide copy of record do	cument indicating authority to sign.)
☐ Letter from Government Agency with Stew	vardship

Applicant Name: Juan A	cevalo
	al does not guarantee the application complies with all int Code, the Washoe County Master Plan or the ing, or t hat the application is deemed complete and
STATE OF NEVADA  CALL  COUNTY OF WASHOE (B)	
. Juan AreYalo	<u>.                                    </u>
being duly swom, depose and say that I am the application as listed below and that the foregoing information herewith submitted are in all respects co and belief. I understand that no assurance or guar Development.	rint name)  owner* of the property or properties involved in this statements and answers herein contained and the mplete, true, and correct to the best of my knowledge arantee can be given by members of Planning and
(A separate Affidavit must be provided by ea	ch property owner named in the title report.)
Assessor Parcel Number(s): 080730	2
Pr	inted Name Juan AveValO
	Signed Jum It Theralo
	Address 0012 Valley Flower St
Subscribed and swom to before me this	N. Las Vegas, NV. 89081
le day of Jahuane 2017	(Notary Stamp)
Notary Public in and for said county and state	CONT. 200815
My commission expires: 96/61/2019	TVTIANNA BOSSIE  Notary Public-State of Nevada  APPT. NO. 15-2319-1  APPT. NO. 25-2319-1  APPT. NO. 25-2319-1
Owner refers to the following: (Please mark approprie	
<b>S</b> Owner	and the second s
☐ Corporate Officer/Partner (Provide copy of rec	ord document indicating authority to sign.)
LI Power of Attorney (Provide copy of Power of A	átomey.)
<ul> <li>Owner Agent (Provide notarized letter from pro</li> </ul>	iperty owner giving legal authority to agent.)
LI Property Agent (Provide copy of record docum	ent indicating authority to sign.)
D Letter from Government Agency with Stewards	hip

Applicant Name: Linda Avevalo
The receipt of this application at the time of submittal does not guarantee the application complies with all requirements of the Washoe County Development Code, the Washoe County Master Plan or the applicable area plan, the applicable regulatory zoning, or t hat the application is deemed complete and will be processed.
STATE OF NEVADA  CLARK  COUNTY OF WASHUE
Linda Arevalo
(please print name)  being duly swom, depose and say that I am the owner* of the property or properties involved in this application as listed below and that the foregoing statements and answers herein contained and the information herewith submitted are in all respects complete, true, and correct to the best of my knowledge and belief. I understand that no assurance or guarantee can be given by members of Planning and Development.
(A separate Affidavit must be provided by each property owner named in the title report.)
Assessor Parcel Number(s): 68073021
Printed Name Live a 10 Signed Sandre Grand
Address 6012 Valley Flower St
Subscribed and swom to before me this 10 day of Jahuany 7017.  (Notary Stamp)
Notary Public in and for said county and state  Notary Public in and for said county and state  My commission expires: OCO/O1/2019  My commission expires: OCO/O1/2019
My commission expires: OCIOI/2019 My App. Expires June 01, 2019
*Owner refers to the following: (Please mark appropriate box.)
A Owner
Corporate Officer/Partner (Provide copy of record document indicating authority to sign.)
Power of Attorney (Provide copy of Power of Attorney.)
Owner Agent (Provide notarized letter from property owner giving legal authority to agent.)
Property Agent (Provide copy of record document indicating authority to sign.)
Letter from Government Agency with Stewardship
October 2016

# Master Plan Amendment Supplemental Information

(All required information may be separately attached)

Chapter 110 of the Washoe County Code is commonly known as the Development Code. Specific references to Master Plan amendments may be found in Article 820, Amendment of Master Plan.

The Washoe County Master Plan describes how the physical character of the County exists today and is planned for the future. The plan is adopted by the community and contains information, policies and a series of land use maps. The Master Plan provides the essential framework for creating a healthy community system and helps guide decisions about growth and development in the County. The following are general types of requests the County receives to amend the Master Plan. Please identify which type of amendment you are requesting:

Ø	A request to change a master plan designation(s) from the adopted master plan and/or area plan maps
	A request to add, amend, modify or delete any of the adopted policies found in the elements of the Master Plan
	A request to add, amend, modify or delete any of the adopted policies in the area plans
	A request to add, amend, modify or delete specific language found in the area plans
	Other (please identify):

Please complete this questionnaire to ensure consistent review of your request to amend the Washoe County Master Plan. Staff will review the application to determine if the amendment request is in conformance with the policies and language within the elements and area plans of the Master Plan or if the information provided supports a change to the plan. Please provide a brief explanation to all questions.

1. What is the Master Plan amendment being requested at this time?

If approved, this request will alter the split Master Plan designations of Suburban Residential (SR) and Rural (R) to an alternate mix of SR/R and will alter the split zoning designations of General Rural (GR) and Medium Density Suburban (MDS) to an alternate mix of GR/MDS to allow for residential development in appropriate areas of the project site. The overall density of the project area will not change; the current zoning designations allow for 207 units to be developed and 207 units are proposed to be developed if the MPA/RZA are approved. As proposed, this MPA/RZA will allow for the 207 housing units to be distributed in a more logical configuration that accommodates the natural slope of the site and has less impact to the existing neighborhood. The circulation pattern will also be better if the MPA/RZA is approved because there will be more access points to the development which will distribute traffic throughout the project site.

2. What conditions have changed and/or new studies have occurred since the adoption of the Washoe County Master Plan that supports the need for the amendment request?

There is available infrastructure at the site that will adequately accommodate residential development. Also, current mapping technology allows for the master plan and zoning designations to allow for a more accurate configuration of the site that is appropriate for development. As proposed, generally the slope area greater than 15% slope would be designated R/GR, and the project area able to be developed (less than 15% slope) would be designated SR/MDS. Please see the attached Slope Map. Better, more accurate slope data now shows for the site to be master planned and zoned accordingly.

There is a demand for housing in the area and the proposed area for development is well-suited for residential development because of the availability of infrastructure and minimal slope.

- 3. Please provide the following specific information.
  - a. What is the location (address or distance and direction from nearest intersection)? Please attach a legal description.

1200 Estates Road. The project is located in the area around Lemmon Drive, Deodar Way, and Estates Road. The area continues in a southeast direction behind the existing residential subdivision.

A legal description is attached in the Preliminary Title Report which is part of this application.

b. Please list the following (attach additional sheet if necessary):

APN of Parcel	Master Plan Designation	Existing Acres	Proposed Master Plan Designation	Proposed Acres
080-730-18	SR/R	65.869	SR/R	23.99 SR, 41.879 R
080-730-19	R	41.05	SR/R	3.06 SR, 37.99 R
080-730-21	SR/R	43.211	SR/R	8.59 SR, 34.621 R
080-635-01	SR	13.59	SR	13.59 SR
080-635-02	SR	1.89	SR/R	1.5 SR, .39 R
552-210-07	SR	43.005	SR/R	18.067 SR, 24.938 R

c. What are the adopted land use designations of adjacent parcels?

North	SF15 (City of Reno) MDS (Washoe County)
South	GR
East	SF15/GR
West	MDS

4. Describe the existing conditions and uses located at the site or in the vicinity (i.e. vacant land, roadways, buildings, etc.):

The existing site is vacant land, with direct access from Deodar Way and Estates Road. A portion of the project is adjacent to Lemmon Drive, Deodar Way (unpaved), and Estates Road (unpaved). A portion of the project area is adjacent to an existing single family development.

 Describe the natural resources associated with the site under consideration. Your description should include resource characteristics such as water bodies, vegetation, topography, minerals, soils and wildlife habitat.

The proposed area for development does not exceed 15% in slope and is suitable for residential development. There are steeper grades on the site that are not proposed to be developed and will be designated as R/GR. Based on review of the Washoe County Master Plan, the vegetative community/landcover is sagebrush. There are no known minerals or metals present on the site, no bodies of water, and no wildlife habitat.

	endment:	ring natural resources or systems are related to the proposed			
a.	of the floodplain and any propos	ar floodplain? (If yes, please attach documentation of the extensed floodplain map revisions in compliance with Washoe County 6, Flood Hazards, and consultation with the Washoe County			
	☐ Yes	■ No			
	Explanation:				
	The property is not located	in the 100-year floodplain.			
b.	Does property contain wetlands? (If yes, please attach a preliminary delineation map and describe the impact the proposal will have on the wetlands. Impacts to the wetlands may require a permit issued from the U.S. Army Corps of Engineers.)				
	☐ Yes	■ No			
	Explanation:				
	There are no wetlands on t	he site.			
		hillsides in excess of 15 percent and/or significant ridgelines? (If sis requirements contained in Article 424, Hillside Development ent Code.)			
		□ No			
	Explanation:				
	developed. Any development 424, Hillside Development MPA and RZA will correctly	hillsides in excess of 15% are proposed to be ent would be subject to the requirements of Article of the Washoe County Development Code. The designate property with slopes in excess of 15% as y designate slopes less than 15% MDS and SR.			

ď.		ch as active faults; hillside or mountainous areas; is iloods; is near a stream or riparian area such as the er recharge?	
	□ Yes	■ No	
	Explanation:		
	determined that there are no active fa	is not subject to flash floods as it is not	
e.	Does property contain prime farmland; is with and/or wildlife mitigation route?	nin a wildfire hazard area, geothermal or mining area,	
	☐ Yes	■ No	
	Explanation:		
After review of appropriate Washoe County Master Plan maps, it was determined that there is no prime farmland, there are no geothermal so and there are no wildlife migration routes on the site. It is not within a v hazard area given the northern Nevada sagebrush vegetative cover an trees.			
	ase describe whether any archaeological, his ssociated with the proposed amendment:	storic, cultural, or scenic resources are in the vicinity	
	Yes	■ No	
Ехр	anation:		
de	er review of the appropriate Washoe ( termined that there are no archaeolog the site or in the vicinity of the propos	ical, historic, cultural, or scenic resources	

7.

☐ Yes	■ No
If yes, please identify the followin	g quantities and documentation numbers relative to the water right
a. Permit #	acre-feet per year
b. Certificate #	acre-feet per year
c. Surface Claim #	acre-feet per year
d. Other #	acre-feet per year
	involves an intensification of land use, please identify how sufficie
water rights will be available to water water rights will be available to water water rights will be available to water water water rights will be available to water wa	involves an intensification of land use, please identify how sufficie to serve the additional development.  se is proposed. However, additional rights would be purveyor at the time of development if required.
water rights will be available to water water rights will be available to water water rights will be available to water water water rights will be available to water wa	to serve the additional development. se is proposed. However, additional rights would be
water rights will be available to water	to serve the additional development. se is proposed. However, additional rights would be
water rights will be available to water	to serve the additional development. se is proposed. However, additional rights would be

8.

9.	Ple a.	ease desc System		and timing of	the water f	acilities necessary to ser	ve the amendment:
							,
			lividual wells vate water	Provider:	]		
					TMWA		
		<u></u> ■ Pu	blic water	Provider:	TIVIVA		
	b.	Available	<b>)</b> :			-	<b></b>
		■ No	W	☐ 1-3 yea	rs	☐ 3-5 years	☐ 5+ years
	C.	Washoe	County Capita	ıl Improvement	s Program	project?	
		☐ Ye	s			No	
	d. If a public facility is proposed and is currently not listed in the Washoe County Ca Improvements Program and not available, please describe the funding mechanism for ensi availability of water service:						
		improv develo the site Infrastr	ements. The pment of the period of the perio	erefore, wate project. Wannon Drive in ecconnected	er service ater servin the exist I to the si	t listed in the CIP for e to the site will be price is currently availa sting residential deve te when a project is e TMWA service are	rivately funded with able to the west of elopment. proposed. This
10.		at is the endment?		timing of sev	wer servic	es necessary to accor	mmodate the proposed
	a.	System T	ype:				
		☐ Indi	☐ Individual septic				
		Put	olic system	Provider:	Washoe C	ounty	
	b.	Available	•				na ann an ann an ann an ann an ann an an
		■ Nov	N	■ 1-3 year	rs	☐ 3-5 years	☐ 5+ years
	C.			Improvements			·
		Yes	 }			No	

d.	Improvements Program availability of sewer ser	proposed and is currently not listed in the Washoe County Capital and not available, please describe the funding mechanism for ensuring vice. If a private system is proposed, please describe the system and the s) for the proposed facility.
	Agreement for the S Master Plan. The S Master Plan was id County Board of Co Program. County st	nd Washoe County have entered into an Interlocal Stead/Lemmon Valley Sanitary Sewer Capacity Analysis and Stead/Lemmon Valley Sanitary Sewer Capacity Analysis and entified and recommended for approval by the Washoe bunty Commissioners in the 2015-16 Capital Improvement taff has indicated that these actions will enhance capacity at w for increased development.
	ase identify the street na regional freeway system	mes and highways near the proposed amendment that will carry traffic to
Le	emmon Drive	
		ent impact existing or planned transportation systems? (If yes, a traffic attached Traffic Impact Report Guidelines.)
	Yes	□ No
13. Con	mmunity Services (provid	ed and nearest facility):
a.	Fire Station	Lemmon Valley Volunteer Fire Department (Lemmon Drive/Nectar Street)

a. Fire Station	Lemmon Valley Volunteer Fire Department (Lemmon Drive/Nectar Street)
b. Health Care Facility	Renown Medical Group (Golden Valley Road and North Hills Boulevard)
c. Elementary School	Lemmon Valley Elementary School (255 W. Patrician Drive)
d. Middle School	O'Brien Middle School (10500 Stead Boulevard)
e. High School	North Valleys High School (1470 Golden Valley Road)
f. Parks	Golden Valley Park (estates Road and Hillview Drive)
g. Library	North Valleys Library (Golden Valley Road and North Hills Boulevard)
h. Citifare Bus Stop	Lemmon Drive/Fleetwood Drive

14. Describe how the proposed amendment fosters, promotes or complies with the policies of the adopted area plans and elements of the Washoe County Master Plan:

#### a. Population Element:

The proposed amendment appears to be neutral with respect to population policies and the Population Element. The population policies are geared at ensuring that there is adequate housing available for the anticipated growth and that land use, public services and facilities, and infrastructure needs are based on the most current population information. The proposed amendment would allow for a redistribution of the approved amount of housing units by 207 (207 units are permitted under the existing master plan and zoning designations); it is within the 2,000 units of land use capacity through 2025 allocated to the North Valleys area (North Valleys Area Plan NV.1.2).

#### b. Conservation Element:

The Conservation Element of the Washoe County Master Plan serves as the conservation plan for unincorporated Washoe County and outlines policies and action programs for the conservation and preservation of natural resources. The proposed amendment is positive with respect to many of the conservation policies and framework. The impact on natural resources from this type of change is favorable when the conditions produce little or no impact on topography, trees, vegetative cover, view sheds and scenic corridors, wetlands, wildlife habitat, etc. The proposed amendment will allow for new housing in more appropriate locations of Lemmon Valley.

#### c. Housing Element:

The Housing Element is primarily focused on providing affordable housing which is further encouraged in higher density and affordable housing. Goal One within the Housing Element encourages the availability of affordable housing and Goal 7 is to promote homeownership opportunities. In addition one of the underlying NRS requirements of the housing policy is an analysis of the characteristics of the land that is suitable for residential development including a determination of whether the existing infrastructure is sufficient to sustain the current needs and projected growth of the community. With respect to these goals and policies, the subject property is suited for residential development and is being proposed at a density that is appropriate for the area and in consideration of the adjacent properties. Appendix A (Housing Needs Assessment) states that commercial development are not considered appropriate in Lemmon Valley. Appendix B illustrates that Lemmon Valley is an area for affordable housing opportunities (MDS in Lemmon Valley).

#### d. Land Use and Transportation Element:

The Land Use and Transportation Element (LUTE) focuses on providing for future population and employment in Washoe County, encouraging sustainable growth practices while discouraging sprawled communities. The proposed amendment, which will allow for logical residential development in appropriate areas and the preservation of open space, and will promote Land Use and Transportation policies (specifically, LUT 1.1, 1.4, 3.1, 3.2, 3.4, 4.1, 4.3, 5.1, 5.2, 5.3, 5.4, 9.1, 10.3, 10.4, 14.1, and 14.4). The Lemmon Valley Suburban Character Management Area (SCMA) is identified as an area for residential development. The proposed amendment promotes LUT goals 3.1-3.3 as responsible growth in the SCMA. The site is physically well-suited for residential use because of its gentle topography and access to an arterial roadway and is in proximity to retail/commercial land uses (north valleys) and areas that facilitate walking and cycling (LUT 1.4). The area is not suited to mixed use or commercial development (Housing Element Appendix A). With respect to employment and residential balance, the amendment will provide housing to support commercial and industrial employment development in the north valleys. This should have a positive impact on reverse commute and capturing some vehicle trips within the north valleys.

e. Public Services and Facilities Element:

The proposed amendment will promote policies of the public services and facilities element where applicable. The basic policy framework for the public services and facilities plan of the North Valleys area is to provide for community water and sewer for those areas with the Suburban Character Management Area (SCMA). This property falls within the Lemmon Valley SCMA and in an area where public services are planned for development and will adequately serve this project.

f. Adopted area plan(s):

North Valleys Area Plan Goal Six: Lemmon Valley Suburban Character Management Area. This project meets (or will meet) the polices NV.6.1 and NV.6.4 related to single family subdivisions and tentative maps.

15. If the area plan includes a <u>Plan Maintenance</u> component, address all policies and attach all studies and analysis required by the Plan Maintenance criteria.

No amendment to the North Valleys Area Plan is proposed.

#### **Applicant Comments**

This page can be used by the applicant to support the regulatory zone amendment request and should address, at a minimum, how one or more of the findings for an amendment are satisfied. (Please referrer to Article 820 of the Washoe County Development Code for the list of Findings.)

Consistency with Master Plan: The proposed amendment is in substantial compliance with the policies and action programs of the Master Plan, as detailed in this application. Approval of the amendment will not increase the total number of housing units approved for this project area.

Compatible Land Uses: The proposed amendment will provide for land uses compatible with adjacent land uses, and will not adversely impact the public health, safety, or welfare. The proposed development is of similar density and configuration as the existing, adjacent residential neighborhood.

Response to Changed Conditions: The proposed amendment responds to changed conditions or further studies that have occurred since the plan was adopted by the Board of County Commissioners, and the requested amendment represents a more desirable utilization of land. Technology depicting the slope pattern of the site allows for more accurate mapping and more desirable utilization of land. The proposed amendment responds to a demand for residential housing in the area. The timing and location of public services and facilities also encourages this residential development in a more logical configuration.

Availability of Facilities: There are or are planned to be adequate transportation, recreation, utility, and other facilities to accommodate the uses and densities permitted by the proposed Master Plan designation. The proposed development will ensure that all facilities are adequate for the site. The MPA/RZA does not change the facilities needed for development, as the amount of development is already approved under the existing master plan and zoning designations.

Desired Pattern of Growth: The proposed amendment will promote the desired pattern for the orderly physical growth of the county and guides development of the County based on the projected population growth with the least amount of natural resource impairment and the efficient expenditure of funds for public services. This MPA/RZA will result in the same level of development already permitted under the existing designations but will able to be designed in a more logical configuration. The Master Plan, Housing Element, and North Valleys Plan Area (Lemmon Valley SCMA) anticipate this pattern of growth.

# Community Services Department Planning and Development REGULATORY ZONE AMENDMENT APPLICATION



Community Services Department Planning and Development 1001 E. Ninth St., Bldg. A Reno, NV 89520

Telephone: 775.328.3600

#### **Washoe County Development Application**

Your entire application is a public record. If you have a concern about releasing personal information, please contact Planning and Development staff at 775.328.3600.

Project Information	5	Staff Assigned Case No.:		
Project Name: JDS LLC Lemmon Valley Properties MPA/RZA				
Project Request for a Master Plan Amendment and Regulatory Zone Amendment to allow for a single family residential subdivision.				
Project Address: 1200 Estates Road, Washoe County, NV 89506				
Project Area (acres or square feet):				
Project Location (with point of reference to major cross streets AND area locator):				
Lemmon Drive/Deodar Way/Estates Road; Lemmon Valley				
Assessor's Parcel No.(s):	Parcel Acreage:	Assessor's Parcel No.(s):	Parcel Acreage:	
see cover letter (6 parcels)				
Section(s)/Township/Range:				
	oe County approval	s associated with this applica	tion:	
Case No.(s).				
Applicant Information (attach additional sheets if necessary)				
Property Owner: (multiple- 6 parcels)		Professional Consultant:		
Name: Derek Larson; JDS LLC, Juan and Linda Arevalo		Name: Manhard Consulting		
Address: 7500 Rough Rock Road, Reno NV		Address: 9850 Double R Boulevard, Suite 101, Reno NV		
	Zip: 89502		Zip: 89521	
Phone: 775-544-5482	Fax:	Phone: 775-746-3500	Fax:	
Email: dvlarson03@gmail.com		Email: cbaker@manhard.com		
Cell:	Other:	Cell:	Other:	
Contact Person: Derek Larson	Contact Person: Derek Larson		Contact Person; Chris Baker	
Applicant/Developer:		Other Persons to be Contacted:		
Name: Derek Larson; JDS LLC		Name:		
Address: 7500 Rough Rock Road, Reno NV		Address:		
	Zip: 89502		Zip:	
Phone: 775-544-5482	Fax:	Phone:	Fax:	
Email: dvlarson03@gmail.com	4	Email:		
Cell:	Other:	Cell:	Other:	
Contact Person: Derek Larson		Contact Person:		
For Office Use Only				
Date Received:	Initial:	Planning Area:		
County Commission District:		Master Plan Designation(s):		
CAB(s):		Regulatory Zoning(s):		

Applicant Name: Derck-VLO	YS07	
The receipt of this application at the time of submittal d requirements of the Washoe County Development applicable area plan, the applicable regulatory zoning will be processed.	Code, the Washoe County Master Plan or the	
STATE OF NEVADA )		
COUNTY OF WASHOE )		
	*	
1. Dereky Laysor		
(please prin	•	
being duly sworn, depose and say that I am the own application as listed below and that the foregoing stransformation herewith submitted are in all respects compand belief. I understand that no assurance or guara Development.	atements and answers herein contained and the plete, true, and correct to the best of my knowledge	
(A separate Affidavit must be provided by each		
Assessor Parcel Number(s): <u>552-210-</u> 080-730-	06 + 552-210-01	
	ted Name Devel CHARDISON	
9 2 2 2 2 1	Signed	
	Address 7500 Rough lock Dr	
	Reno NV 89507	
Subscribed and sworn to before me this, 2017.	(Notary Stamp)	
	Janana anna anna anna	
Mones	D. M. ROGERS  Notary Public State of Nevada	
Notary Public in and for said county and state	No. 13-11619-2 My Appt. Exp. Aug. 30, 2017	
My commission expires: 8/30/17	Aug. 30, 2017 P	
*Owner refers to the following: (Please mark appropriate	to hov )	
	io son,	
<ul> <li>Owner</li> <li>Corporate Officer/Partner (Provide copy of record document indicating authority to sign.)</li> </ul>		
<ul> <li>Power of Attorney (Provide copy of Power of Attorney.)</li> <li>Owner Agent (Provide notarized letter from property owner giving legal authority to agent.)</li> </ul>		
Property Agent (Provide copy of record document indicating authority to sign.)		
Letter from Government Agency with Stewardship		
- marring and the second of the second second and the second of the seco	a augure	

Applicant Name: 100 LLC		
The receipt of this application at the time of submittal or requirements of the Washoe County Development applicable area plan, the applicable regulatory zoning will be processed.	Code, the Washoe County Master Plan or the	
STATE OF NEVADA )		
COUNTY OF WASHOE )		
1. Derek Larson		
(please prin	nt name)	
being duly sworn, depose and say that I am the ow application as listed below and that the foregoing si information herewith submitted are in all respects com- and belief. I understand that no assurance or guara Development.	tatements and answers herein contained and the plete, true, and correct to the best of my knowledge antee can be given by members of Planning and	
(A separate Affidavit must be provided by eac	h property owner named in the title report.)	
Assessor Parcel Number(s): 080 635	01+08063502	
Prin	Signed Signed	
	Address 7500 Rough Rock Or	
	Reno N 89502	
Subscribed and sworn to before me this day of Adm , 2017.	(Notary Stamp)	
	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Notary Public in and for said county and state	D. M. ROGERS Notary Public State of Nevada	
My commission expires: 8/30/17	No. 13-11619-2 My Appt. Exp. Aug. 30, 2017	
*Owner refers to the following: (Please mark appropria	te box.)	
□ Owner		
☐ Corporate Officer/Partner (Provide copy of reco	ord document indicating authority to sign.)	
☐ Power of Attorney (Provide copy of Power of Attorney.)		
Owner Agent (Provide notarized letter from property owner giving legal authority to agent.)		
☐ Property Agent (Provide copy of record document indicating authority to sign.)		
☐ Letter from Government Agency with Stewards	hip	

Applicant Name: Juan Hrevall				
The receipt of this application at the time of submittal does not guarantee the application complies with all requirements of the Washoe County Development Code, the Washoe County Master Plan or the applicable area plan, the applicable regulatory zoning, or t hat the application is deemed complete and will be processed.				
STATE OF NEVADA  CALL  COUNTY OF WASHOE (A)				
Juan Arevalo				
(please print name)				
being duly swom, depose and say that I am the owner of the property or properties involved in this application as listed below and that the foregoing statements and answers herein contained and the information herewith submitted are in all respects complete, true, and correct to the best of my knowledge and belief. I understand that no assurance or guarantee can be given by members of Planning and Development.				
(A separate Affidavit must be provided by each property owner named in the title report.)				
Assessor Parcel Number(s): 08073021				
Printed Name Juan Avevalo				
Signed_JUM IT Arealo				
Address 10012 Valley Flower St				
Subscribed and swom to before me this day of John Wile 2014				
(Notary Stamp)				
Notary Public in and for said county and state				
My commission expires: 0/0/2019  Notery Public-State of Nevada  APPT. NO. 15-2319-1  My App. Expires June 01, 2019				
*Owner refers to the following: (Please mark appropriate box.)				
<b>Owner</b>				
Corporate Officer/Partner (Provide copy of record document indicating authority to sign.)				
Power of Attorney (Provide copy of Power of Attorney.)				
Owner Agent (Provide notarized letter from property owner giving legal authority to agent.)				
Property Agent (Provide copy of record document indicating authority to sign.)				
Letter from Government Agency with Stewardship				
October 2018				

Applicant Name: Linda Avevalo			
The receipt of this application at the time of submittal does not guarantee the application complies with all requirements of the Washoe County Development Code, the Washoe County Master Plan or the applicable area plan, the applicable regulatory zoning, or t hat the application is deemed complete and will be processed.			
STATE OF NEVADA  CLARY  COUNTY OF WASHUE			
Linda Arevalo			
(please print name)  being duly swom, depose and say that I am the owner* of the property or properties involved in this application as listed below and that the foregoing statements and answers herein contained and the information herewith submitted are in all respects complete, true, and correct to the best of my knowledge and belief. I understand that no assurance or guarantee can be given by members of Planning and Development.			
(A separate Affidavit must be provided by each property owner named in the title report.)			
Assessor Parcel Number(s): 68073021			
Printed Name Linca HVOVA 10 Signed Sendue Mara 8			
Address 6012 Valley Flower St			
Subscribed and swom to before me this N. Las Vegas NV 8908/			
Notary Public in and for said county and state  My commission expires: OC/O//2019  TYTIANNA BOSSIE  Wotery Public State of Nevade  APPT. NO. 15-2319-1  My App. Expires June 01, 2019			
*Owner refers to the following: (Please mark appropriate box.)			
A Owner			
O Corporate Officer/Partner (Provide copy of record document indicating authority to sign.)			
Power of Attorney (Provide copy of Power of Attorney.)			
Owner Agent (Provide notarized letter from property owner giving legal authority to agent.)			
Property Agent (Provide copy of record document indicating authority to sign.)			
Letter from Government Agency with Stewardship			
October 2016			

# Regulatory Zone Amendment Supplemental Information

(All required information may be separately attached)

Chapter 110 of the Washoe County Code is commonly known as the Development Code. Specific references to Regulatory Zone amendments may be found in Article 821, Amendment of Regulatory Zone.

Please complete this questionnaire to ensure consistent review of your request to amend the Washoe County Zoning Map. Please provide a brief explanation to all questions answered in the affirmative.

1. Please describe the Regulatory Zone amendment request:

If approved, this request will alter the split Master Plan designations of Suburban Residential (SR) and Rural (R) to an alternate mix of SR/R and will alter the split zoning designations of General Rural (GR) and Medium Density Suburban (MDS) to an alternate mix of GR/MDS to allow for residential development in appropriate areas of the project site. The overall density of the project area will not change; the current zoning designations allow for 207 units to be developed and 207 units are proposed to be developed if the MPA/RZA are approved. As proposed, this MPA/RZA will allow for the 207 housing units to be distributed in a more logical configuration that accommodates the natural slope of the site and has less impact to the existing neighborhood. The circulation pattern will also be better if the MPA/RZA is approved because there will be more access points to the development which will distribute traffic throughout the project site.

- 2. List the Following information regarding the property subject to the Regulatory Zone Amendment.
  - a. What is the location (address, assessor's parcel number or distance and direction from nearest intersection)?

The project site is located at 1200 Estates Road, in the area surrounded by Lemmon Drive, Deodar Way, and Estates Road in Lemmon Valley.

Assessor's Parcel Numbers:

080-730-18

080-730-19

080-730-21

080-635-01

080-635-02

552-210-07

b. Please list the following (attach additional sheet if necessary):

Master Plan Designation	Current Zoning	Existing Acres	Proposed Zoning	Proposed Acres
SR/R	MDS/GR	65.869	MDS/GR	23.99 MDS, 41.879 GF
R	GR	41.05	MDS/GR	3.06 MDS, 37.99 GR
SR/R	MDS/GR	43.211	MDS/GR	8.59 MDS, 34.621 GF
SR	MDS	13.59	MDS	13.59 MDS
SR	MDS	1.89	MDS/GR	1.5 MDS, .39 GR
SR	MDS	43.005	MDS/GR	18.067 MDS, 24.938 GF
	Designation SR/R R SR/R SR/R SR	Designation         Zoning           SR/R         MDS/GR           R         GR           SR/R         MDS/GR           SR         MDS           SR         MDS	Designation         Zoning         Acres           SR/R         MDS/GR         65.869           R         GR         41.05           SR/R         MDS/GR         43.211           SR         MDS         13.59           SR         MDS         1.89	Designation         Zoning         Acres         Zoning           SR/R         MDS/GR         65.869         MDS/GR           R         GR         41.05         MDS/GR           SR/R         MDS/GR         43.211         MDS/GR           SR         MDS         13.59         MDS           SR         MDS/GR         1.89         MDS/GR

c. What are the regulatory zone designations of adjacent parcels?

	Zoning	Use (residential, vacant, commercial, etc,)
North	SF15 (City of Reno) MDS (Washoe County)	Vacant, Single Family Unimproved
South	GR	Open Space (USA), Vacant Single Family Unimproved
East	SF15/GR	Vacant, Single Family Unimproved
West	MDS	Single Family Residential

3. Describe the existing conditions and uses located at the site or in the vicinity (i.e. vacant land, roadways, easements, buildings, etc.):

The existing site is vacant land, with direct access from Deodar Way and Estates Road. A portion of the project is adjacent to Lemmon Drive, Deodar Way (unpaved), and Estates Road (unpaved). A portion of the project area is adjacent to an existing single family development.

4.		the site under consideration. Your description should bodies, vegetation, topography, minerals, soils and
	for residential development. There are proposed to be developed and will be disable County Master Plan, the veget	es not exceed 15% in slope and is suitable steeper grades on the site that are not esignated as R/GR. Based on review of the ative community/landcover is sagebrush. present on the site, no bodies of water, and
5.		nts such as floodplain or floodways, wetlands, slopes such as active faults, significant hydrologic resources
	■ Yes	■ No
	Explanation:	
	The property is not located in the 100-year floodplain. to flash floods as it is not located near a stream or ripa	There are no wetlands on the site. The site is not subject rian area.
	are proposed to be developed. Any development wou	p. None of the site affected by hillsides in excess of 15% ld be subject to the requirements of Article 424, Hillside de. The MPA and RZA will correctly designate property with ly designate slopes less than 15% MDS and SR.
		gic Hazards map, it was determined that there are no active esources, major drainages, or prime farmland on the site.
6.	Please describe whether any archaeological, his or associated with the proposed amendment:	storic, cultural, or scenic resources are in the vicinity
	☐ Yes	■ No
	Explanation:	
	After review of the appropriate Washoe determined that there are no archaeolog on the site or in the vicinity of the propos	gical, historic, cultural, or scenic resources

7.		dwater hydrographic ba e submitted with applic	sins atio	[e.g. Cold Springs, Wans. Please provide co	endment? (Amendment arm Springs, etc.] require opies of all water rights
	☐ Yes			No	
	If yes, please identify the	following quantities and	doc	umentation numbers re	lative to the water rights:
	a. Permit #			acre-feet per year	
	b. Certificate #			acre-feet per year	
	c. Surface Claim #			acre-feet per year	
	d. Other#			acre-feet per year	
		ndment involves an inter vailable to serve the add			se identify how sufficient
	No intensification of purchased from the v	land use is proposed	d. H	lowever, additional	
***************************************					

☐ Individual wells				
☐ Private water	Provider:			
Public water	Provider:	TMWA		
b. Available:				
■ Now	□ 1-3 ye	ars	☐ 3-5 years	☐ 5+ years
c. Is this part of a Was	shoe County Cap	ital Improve	ments Program proje	ct?
	ram and not ava			ne Washoe County Cap ing mechanism for ensur
				ivately funded with ble to the west of the
site, along Lemmor	Drive in the e the site wher	existing re n a projec	sidential developn	ble to the west of the
site, along Lemmor will be connected to be annexed into the	n Drive in the e the site where TMWA servio	existing rent a project ce area.	sidential developn t is proposed. Thi	ble to the west of the nent. Infrastructure s property will need to
will be connected to be annexed into the will be annexed in the will be annex	n Drive in the e the site where TMWA servi	existing rent a project ce area.	sidential developn t is proposed. Thi	ble to the west of the nent. Infrastructure
site, along Lemmor will be connected to be annexed into the way of	n Drive in the e the site where TMWA servi	existing rent a project ce area.	sidential developn t is proposed. Thi	ble to the west of the nent. Infrastructure s property will need to
site, along Lemmor will be connected to be annexed into the work with the same of the work with the same of the work with the same of the work with the wore	n Drive in the e the site where TMWA servi	existing rent a project ce area.	sidential developn t is proposed. This	ble to the west of the nent. Infrastructure s property will need to
will be connected to be annexed into the annexed into the will be annexed into the bearing as the same of the amendment?  a. System Type:  Individual septic  Public system	n Drive in the earth of the site where TMWA service	existing renal ren	sidential developn t is proposed. This	ble to the west of the nent. Infrastructure s property will need to
will be connected to be annexed into the beannexed into the what is the nature an amendment?  a. System Type:  Individual septic  Public system	n Drive in the earth of the site where TMWA service	existing renal ren	sidential developn t is proposed. This	ble to the west of the nent. Infrastructure s property will need to
will be connected to be annexed into the beannexed into the will be annexed into the beannexed into the bean	n Drive in the earth of the site where TMWA service TMWA	existing renal ren	sidential development is proposed. This test proposed is proposed. This test proposed is proposed in the proposed is proposed. The proposed is proposed in the	ble to the west of the nent. Infrastructure s property will need to be commodate the proposed to be seen as the proposed to be se

	Improvements Progra availability of sewer se	m and not available, please describe the funding mechanism for ensuring ervice. If a private system is proposed, please describe the system and the n(s) for the proposed facility.
	for the Stead/Lemmo The Stead/Lemmon \ identified and recomr Commissioners in the	Washoe County have entered into an Interlocal Agreement n Valley Sanitary Sewer Capacity Analysis and Master Plan. Valley Sanitary Sewer Capacity Analysis and Master Plan was mended for approval by the Washoe County Board of County 2015-16 Capital Improvement Program. County staff has actions will enhance capacity at the facility and allow for ent.
10.	Please identify the street r	names and highways near the proposed amendment that will carry traffic to m.
	Lemmon Drive	
11.		nent impact existing or planned transportation systems? (If yes, a traffice attached Traffic Impact Report Guidelines.)
	Yes	□ No
12.	Community Services (provi	ded and nearest facility):
	a. Fire Station	Lemmon Valley Volunteer Fire Department (Lemmon Drive/Nectar Street)
	b. Health Care Facility	Renown Medical Group (Golden Valley Road and North Hills Boulevard)
	c. Elementary School	Lemmon Valley Elementary School (255 W. Patrician Drive)
	d. Middle School	O'Brien Middle School (10500 Stead Boulevard)
	e. High School	North Valleys High School (1470 Golden Valley Road)
	f. Parks	Golden Valley Park (estates Road and Hillview Drive)
	g. Library	North Valleys Library (Golden Valley Road and North Hills Boulevard)

h. Citifare Bus Stop

Lemmon Drive/Fleetwood Drive

### Projects of Regional Significance Information – for Regulatory Zone Amendments

Nevada Revised Statutes 278.026 defines "Projects of Regional Significance". Regulatory Zone amendment requests for properties within the jurisdiction of the Truckee Meadows Regional Planning Commission (TMRPC) must respond to the following questions. A "Yes" answer to any of the following questions may result in the application being referred first to the Truckee Meadows Regional Planning Agency for submission as a project of regional significance. Applicants should consult with County or Regional Planning staff if uncertain about the meaning or applicability of these questions.

1.	Will the full development potential of the Regulatory Zone amendment increase employment by not less than 938 employees?								
	☐ Yes	■ No							
2.	Will the full development potential of the Regular more units?	atory Zone amendment increase housing by 625 or							
	☐ Yes	■ No							
3.	Will the full development potential of the accommodations by 625 or more rooms?	Regulatory Zone amendment increase hotel							
	☐ Yes	■ No							
4.	Will the full development potential of the Regula gallons or more per day?	tory Zone amendment increase sewage by 187,500							
	☐ Yes	■ No							
5.	Will the full development potential of the Regula acre-feet or more per year?	tory Zone amendment increase water usage by 625							
	☐ Yes	■ No							
6.	Will the full development potential of the Regulators average daily trips?	atory Zone amendment increase traffic by 6,250 or							
	☐ Yes	■ No							
7.	Will the full development potential of the Repopulation from kindergarten to 12 <sup>th</sup> grade by 325	egulatory Zone amendment increase the student is students or more?							
	☐ Yes	■ No							

### **Applicant Comments**

This page can be used by the applicant to support the regulatory zone amendment request and should address, at a minimum, how one or more of the findings for an amendment are satisfied. (Please referrer to Article 821 of the Washoe County Development Code for the list of Findings.)

Consistency with Master Plan and Regulatory Zone Map: The proposed amendment is in substantial compliance with the policies and action programs of the Master Plan and Regulatory Zone Map, as detailed in this application. Approval of the amendment will not increase the total number of housing units approved for this project area.

Compatible Land Uses: The proposed amendment will provide for land uses compatible with adjacent land uses, and will not adversely impact the public health, safety, or welfare. The proposed development is of similar density and configuration as the existing, adjacent residential neighborhood.

Response to Changed Conditions: The proposed amendment responds to changed conditions or further studies that have occurred since the plan was adopted by the Board of County Commissioners, and the requested amendment represents a more desirable utilization of land. Technology depicting the slope pattern of the site allows for more accurate mapping and more desirable utilization of land. The proposed amendment responds to a demand for residential housing in the area. The timing and location of public services and facilities also encourages this residential development in a more logical configuration.

Availability of Facilities: There are or are planned to be adequate transportation, recreation, utility, and other facilities to accommodate the uses and densities permitted by the proposed zoning designation. The proposed development will ensure that all facilities are adequate for the site. The MPA/RZA does not change the facilities needed for development, as the amount of development is already approved under the existing master plan and zoning designations.

Desired Pattern of Growth: The proposed amendment will promote the desired pattern for the orderly physical growth of the county and guides development of the County based on the projected population growth with the least amount of natural resource impairment and the efficient expenditure of funds for public services. This MPA/RZA will result in the same level of development already permitted under the existing designations but will able to be designed in a more logical configuration. The Master Plan, Housing Element, and North Valleys Plan Area (Lemmon Valley SCMA) anticipate this pattern of growth.

# LEMMON VALLEY SUBDIVISION TRAFFIC STUDY

JANUARY, 2017



Prepared by: Solaegui Engineers, Ltd. 715 H Street Sparks, Nevada 89431 (775) 358-1004

# LEMMON VALLEY SUBDIVISION TRAFFIC STUDY

#### **EXECUTIVE SUMMARY**

The proposed Lemmon Valley Subdivision will be located in Washoe County, Nevada. The project sites are generally located southeast of Lemmon Drive, south of Deodar Way and west of Estates Road. The project sites are currently undeveloped land. The purpose of this study is to address the project's impact upon the adjacent street network. The Lemmon Drive/Patrician Drive intersection and the Lemmon Drive/Deodar Way intersection have been identified for AM and PM peak hour capacity analysis for the existing, existing plus project, 2026 base and 2026 base plus project scenarios.

The proposed Lemmon Valley Subdivision will consist of the construction of a total of 209 single family detached homes. The northerly site will contain 90 dwelling units and the southerly site will contain 119 dwelling units. Access to the northerly site will be provided from accesses on Deodar Way and Estates Road via Lemmon Drive. Access to the southerly site will be provided from the extensions of Patrician Drive, Kess Way and Palace Way via Lemmon Drive. The project is anticipated to generate 1,990 average daily trips with 157 trips occurring during the AM peak hour and 209 trips occurring during the PM peak hour.

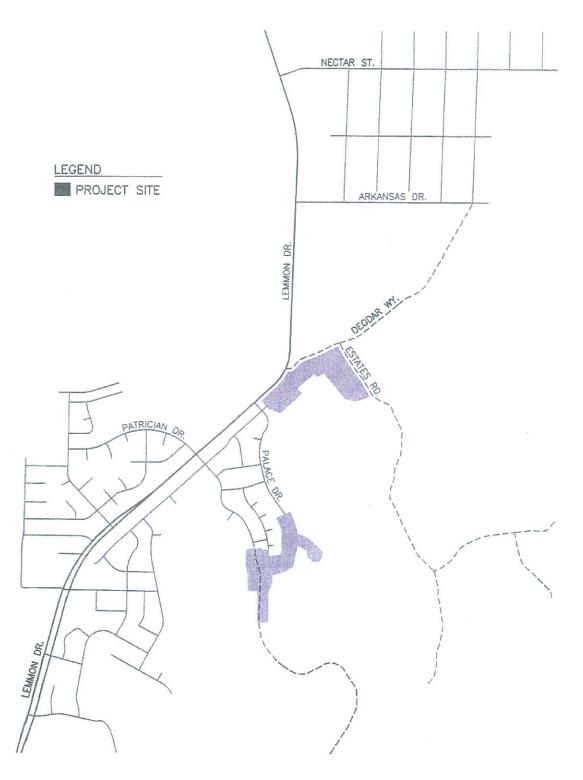
Traffic generated by the proposed Lemmon Valley Subdivision will have some impact on the adjacent street network. The following recommendations are made to mitigate project traffic impacts.

It is recommended that any required signing, striping, or traffic control improvements comply with Washoe County requirements.

It is recommended that the segment of Deodar Way adjacent to the site and all internal subdivision streets be constructed per Washoe County standards.

SOLAEGUI ENGINEERS LTD.





LEMMON VALLEY SUBDIVISION

VICINITY MAP FIGURE 1

# TRIP DISTRIBUTION AND ASSIGNMENT

The distribution of the project traffic to the key intersections was based on existing peak hour traffic patterns and the locations of attractions and productions in the area. Figure 2 shows the anticipated trip distribution. The peak hour trips shown in Table 1 were subsequently assigned to the key intersections based on the trip distribution. Figure 3 shows the trip assignment at the key intersections for the AM and PM peak hours.

### EXISTING AND PROJECTED TRAFFIC VOLUMES

Figure 4 shows the existing traffic volumes at the key intersections during the AM and PM peak hours. The existing traffic volumes at the Lemmon Drive/Patrician Drive intersection were obtained from traffic counts conducted in May of 2016. The existing traffic volumes at the Lemmon Drive/Deodar Way intersection were obtained from traffic counts conducted in July of 2016.

Figure 5 shows the existing plus project traffic volumes at the key intersections during the AM and PM peak hours. The existing plus project volumes were obtained by adding the trip assignment volumes shown on Figure 3 to the existing volumes shown on Figure 4.

Figure 6 shows the 2026 base traffic volumes during the AM and PM peak hours. The 2026 base traffic volumes were estimated by applying a 1.0% average annual growth rate to the existing traffic volumes. A +0.5% average annual growth rate on Patrician Drive and a -0.9% growth rate on Lemmon Drive were derived from 10-year historic traffic count data obtained from the Nevada Department of Transportation's (NDOT) Annual Traffic Report. However, the 1.0% growth rate was used in order to ensure conservative results. The project is anticipated to account for all the growth in the Patrician Drive area and therefore the growth rate was not applied to traffic volumes on the southeast leg of the Lemmon Drive/Patrician Drive intersection.

Figure 7 shows the 2026 base plus project traffic volumes. The 2026 base plus project volumes were obtained by adding the trip assignment volumes shown on Figure 3 to the 2026 base volumes shown on Figure 6.

#### INTERSECTION CAPACITY ANALYSIS

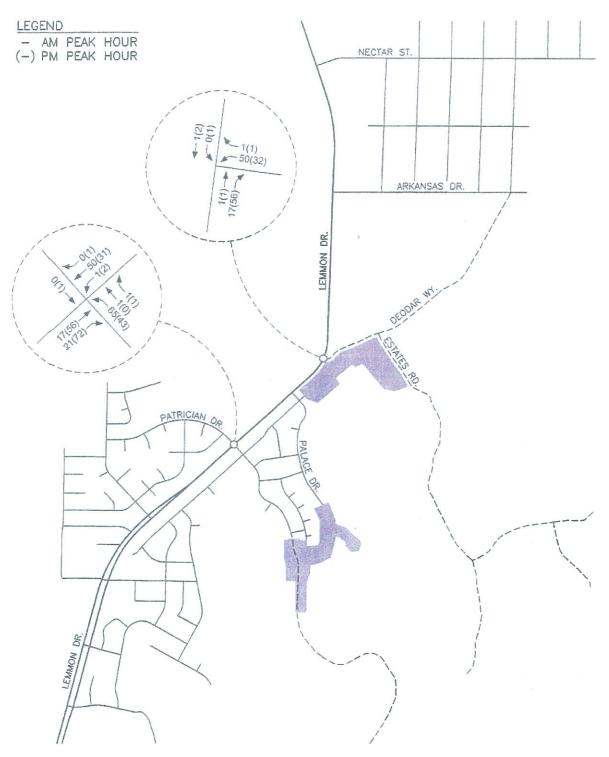
The key intersections were analyzed for capacity based on procedures presented in the 2010 *Highway Capacity Manual (HCM)*, prepared by the Transportation Research Board, for unsignalized intersections using the latest version of the Highway Capacity computer software.

The result of capacity analysis is a level of service rating for each minor movement. Level of service is a qualitative measure of traffic operating conditions where a letter grade "A" through "F", corresponding to progressively worsening traffic operation, is assigned to the minor movement.

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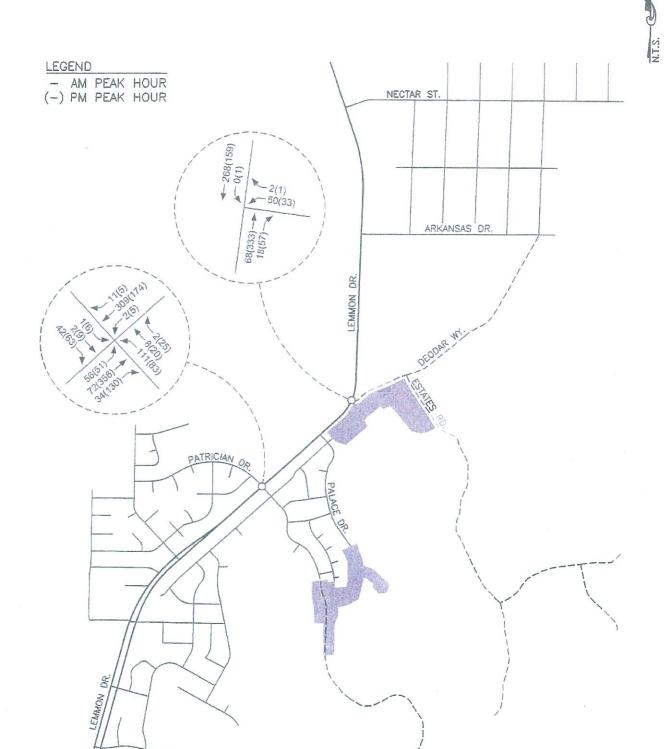




LEMMON VALLEY SUBDIVISION

TRIP ASSIGNMENT FIGURE 3

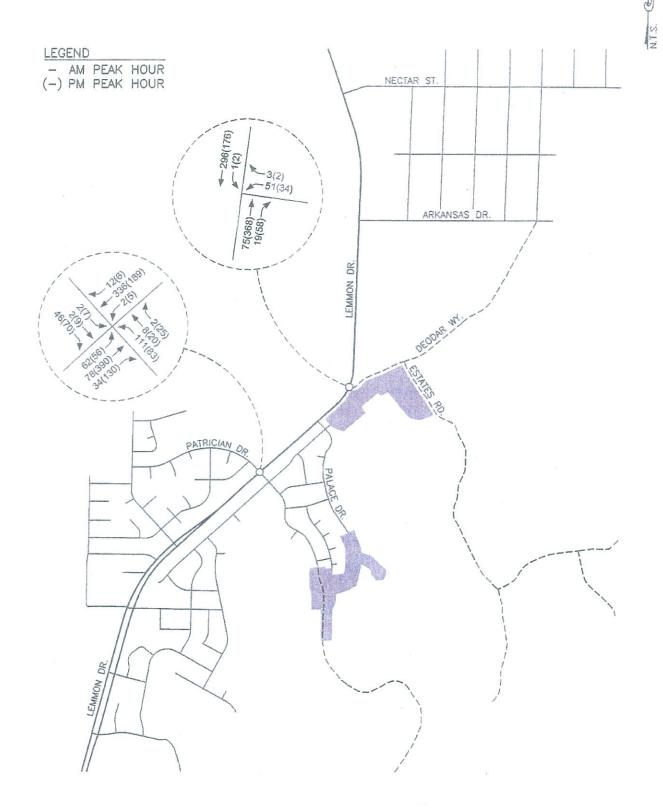






EXISTING PLUS PROJECT TRAFFIC VOLUMES FIGURE 5





LEMMON VALLEY SUBDIVISION

2026 BASE PLUS PROJECT TRAFFIC VOLUMES FIGURE 7

# Lemmon Drive/Patrician Drive Intersection

The Lemmon Drive/Patrician Drive intersection was analyzed as an unsignalized four-leg intersection with stop control at the east and west Patrician Drive approaches for all scenarios. The intersection minor movements currently operate at LOS B or better during the AM peak hour and LOS C or better during the PM peak hour. For the existing plus project traffic volumes the intersection minor movements are anticipated to operate at LOS C or better during the AM peak hour and LOS D or better during the PM peak hour. For the 2026 base traffic volumes the intersection minor movements are anticipated to operate at LOS C or better during the AM and PM peak hours. For the 2026 base plus project traffic volumes the intersection minor movements are anticipated to operate at LOS C or better during the AM peak hour and LOS D or better during the PM peak hour. The intersection was analyzed with the existing approach lanes for all scenarios. The intersection will meet policy LOS D standards established by the Washoe County Regional Transportation Commission.

The project is anticipated to add traffic to the southbound left turn movement at the Lemmon Drive/Patrician Drive intersection. Storage requirements were subsequently reviewed for this movement based on the unsignalized criteria of providing three minutes of storage during the peak hours. Less than 50 feet of storage length is required based on the 2026 base plus project traffic volumes. The existing left turn lane contains approximately 85 feet of storage length which will serve project traffic demands.

#### Lemmon Drive/Deodar Way Intersection

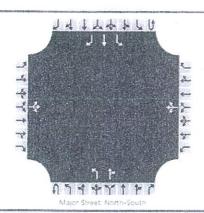
The Lemmon Drive/Deodar Way intersection was analyzed as an unsignalized three-leg intersection with stop control at the east approach for all scenarios. The intersection minor movements currently operate at LOS B or better during the AM and PM peak hours. For the existing plus project volumes the intersection minor movements will continue to operate at LOS B or better during the AM and PM peak hours. For the 2026 base traffic volumes the intersection minor movements are anticipated to operate at LOS B or better during the AM and PM peak hours. For the 2026 base plus project volumes the intersection minor movements will continue to operate at LOS B or better during the AM and PM peak hours. The intersection was analyzed with the existing approach lanes for all scenarios. The intersection will meet policy LOS D standards established by the Washoe County Regional Transportation Commission.

The project is anticipated to add traffic to the southbound left turn movement at the Lemmon Drive/Deodar Way intersection. The need for an exclusive lane for this movement was subsequently reviewed based on left turn lane guidelines presented in AASHTO's A Policy on Geometric Design of Highways and Street. The guidelines indicate that an exclusive left turn lane is not required for the southbound movement based on the 2026 base plus project traffic volumes.

# **APPENDIX**

SOLAEGUI ENGINEERS, LTD.

General Information		Site Information	
Analyst	MSH	Intersection	Lemmon & Patrician
Agency/Co.	Solaegui Engineers	Jurisdiction	Washoe County
Date Performed	12/28/2016	East/West Street	Patrician Drive
Analysis Year	2016	North/South Street	Lemmon Drive
Time Analyzed	AM Existing	Peak Hour Factor	0.92
Intersection Orientation	North-South	Analysis Time Period (hrs)	0.25
Project Description	ET EST COMMISSION OF A CONTROL OF THE ASSESSMENT OF A STATE OF THE ASSESSMENT OF THE	ti utari meta dan sersam antak melapa dan Aria dituk melapa dan persampuntan dan mengan bermapuntan mengan bermapuntan mengan bermapuntan dan mengan bermapuntan	des Ton Annual Mathematica Contraction of the Contr



Vehicle Volumes and Ad	justme	ents		***************************************		OCH CONTRACTOR OF THE CONTRACT			PROPERTY AND ADDRESS OF THE PARTY OF THE PAR	AND A SERVICE	THE RESIDENCE OF THE PROPERTY.	NA THE STATE OF TH	вериновория <u>т</u> ливе	SESSON SECURITY OF THE SESSON OF THE	THE PERSON NAMED IN COLUMN	HARDON THE STANS
Approach	T	Eastk	oound			West	bound	deduction or tipes	T	North	bound	the security of the security o	Ī	South	bound	
Movement	U	L	T	R	U	L	Т	R	U	L	Ŧ	R	U	L.	Т	R
Priority	1	10	11	12		7	8	9	1U	1	2	3	4U	4	5	6
Number of Lanes	NAME OF THE OWNER	0	1	0		0	1	0	0	1	1	0	0	1	1	1
Configuration			LTR				LTR		- An entriescope	L		TR		L	Т	R
Volume, V (veh/h)	NATIONAL PROPERTY AND ADDRESS OF	1	2	42		46	7	1		56	55	13		1	259	11
Percent Heavy Vehicles (%)		3	3	3		3	3	3		3	4070 100 1100 1200			3		-
Proportion Time Blocked	NA PRODUCTION OF STREET														-	PARTIE PROPERTY
Percent Grade (%)			0	-		Assource Lines	0	La manufact participation of		Samuratina de Sanda	-	Lanna agrana agrana		Berner	Annual	heromeous
Right Turn Channelized		1	lo			٨	lo		<u> </u>	N	0	PERSONAL PROPERTY OF THE PERSONAL PROPERTY OF		No		-
Median Type/Storage		-	THE PERSON NAMED IN	Undi	vided	COMPANY AND ADDRESS OF THE REAL	THE RESERVE AND PARTY OF THE PA	<del>оспасунавасновн</del> у про	T-ANTAL MARKET	TERRORIES ACTION PROGRAMMENT	accendance control copposi	-	-		-	
Critical and Follow-up H	eadwa	ys	a diplomina uit von von trabucțul					CONTRACTOR NAME OF TAXABLE PARTY.	And the second					Mary ordinary or willow		
Base Critical Headway (sec)										and the same of same and same				**********		-
Critical Headway (sec)					Bankung 20 p SCRAFT Jun Go	Processors		Minetalagramma			THE REAL PROPERTY.		THE RESERVE OF THE PARTY OF THE			andropenal groo
Base Follow-Up Headway (sec)		NAME OF STREET OF STREET OF STREET						Contract Con	Cartalatana regionalis		mender observizeren zo					NE STONE OF THE PERSON NAMED IN
Follow-Up Headway (sec)											AND DESCRIPTION OF THE PARTY OF					Name and Park
Delay, Queue Length, an	d Leve	l of S	ervice	)		face-cumposere mos	desergence and a second	Para transmission of the control	the section of the se	in discovered to	mentanishini matatan	house accommendation of	WANTED MOVEMBER OF SECURE	hamman and		Maria de Caración
Flow Rate, v (veh/h)		An ere dante a season	49				59	-		61				1		evilla i dice i mandra di
Capacity, c (veh/h)		ACCOUNT OF THE PARTY OF THE PAR	726		- MINORAL DELINERA		442			1260				1517		er elektrostelektusi
v/c Ratio		17.100 Marie 11.00	0.07		-		0.13	Articological Control		0.05				0.00		
95% Queue Length, Q <sub>95</sub> (veh)		METERIAL TRANSPORTATION OF THE PERSON NAMED IN COLUMN TO PERSON NAMED	0.2		PACONAL CONTRACTOR	and the second second	0.5	ud omersen standa unda are	-	0.2				0.0		ary minus de la serv
Control Delay (s/veh)			10.3				14.4	WAS CLUMM INSCOR	Marie and State of State of the	8.0				7.4		MANAGEM SOCIETY
Level of Service, LOS		MM & MOST COLUMN STATE COLUMN S	В			and a second	В	************************		А		$\neg \neg$		А		CHIPCOLLE I CAN
Approach Delay (s/veh)	1	10	1.3			14	.4			3.0	5			0.0	0	UROPAR DIALBROOM

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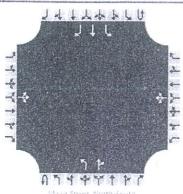
Approach LOS

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General Information		Site Information				
Analyst	MSH	Intersection	Lemmon & Patrician			
Agency/Co.	Solaegui Engineers	Jurisdiction	Washoe County			
Date Performed	12/28/2016	East/West Street	Patrician Drive			
Analysis Year	2016	North/South Street	Lemmon Drive			
Time Analyzed	AM Existing + Project	Peak Hour Factor	0.92			
Intersection Orientation	North-South	Analysis Time Period (hrs)	0.25			
Project Description	The second secon					



MARK	- C+	Trans. T	ASI	niepin.	
1817230	-1 -21	200	1.00		

Vehicle '	Volumes	and	Adj	ustments
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Approach		Eastbound				West	oound -		Northbound				Southbound			
Movement	U	L	T	R	U	L	Т	R	U	L	Т	R	U	L	T	R
Priority		10	11	12		7	8	9	1U	1	2	3	4U	4	5	6
Number of Lanes		0	1	0		0	1	0	0	1	1	0	0	1	1	1
Configuration			LTR				LTR			L		TR		L	T	R
Volume, V (veh/h)		1	2	42	Control of the State of the Sta	111	8	2		56	72	34		2	309	11
Percent Heavy Vehicles (%)		3	3	3		3	3	3		3		-		3	-	
Proportion Time Blocked																
Percent Grade (%)		(	0	Samuel Contraction		(	)			PER	Amserateur			London	Anemorana	Name and Associated Street, or other Designation of the Contraction of
Right Turn Channelized		No				Ν	lo	OTTO DESCRIPTION	No				No			MENNESON CONTROL
Median Type/Storage		Undivided						NAME OF TAXABLE PARTY.			La reconstruction of		-	-		

Base Critical Headway (sec)							podemenia in holonych in	D 1470 SOUR MADE OF A							
Critical Headway (sec)						WATER COMMENT	MICHETEN STURMEN ACTOR	SHAY) CULTUY LAQUEOCO	promited resincy succession.	inder the control of	Production of the Control			- municum manner	
Base Follow-Up Headway (sec)					Control of the Control		AACTA-Display-involves-co			NAMES OF STREET			***************************************		
Follow-Up Headway (sec)								BOA INDERNATINE SENSONAL	DANAGED ELIANCE TIME			-		-	-
Dolay Ougus Langth and	11000	1 -4 C	omi	 THE OWNER OF THE PARTY OF THE P	- Committee of the Comm	premissant in man shrifter		THE REAL PROPERTY AND PERSONS ASSESSMENT		THE PERSON NAMED IN	Endia Anni decamentarione	Reconstruction and the second	ar minerous minero	The State of the S	Demotrovine

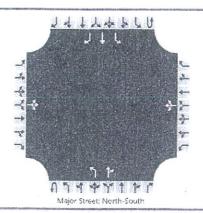
#### Delay, Queue Length, and Level of Service

Approach LOS	В	C			President et automorphismos dissinos
Approach Delay (s/veh)	10.8	19.2	2.8	0.0	- Service and the service and
Level of Service, LOS	В	С	A	A	T
Control Delay (s/veh)	10.8	19.2	8.1	7.5	T
95% Queue Length, Q <sub>95</sub> (veh)	0.2	1.5	0.2	0.0	
v/c Ratio	0.07	0.34	0.05	0.00	1
Capacity, c (veh/h)	673	384	1204	1466	
Flow Rate, v (veh/h)	49	132	61	2	No.

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General Information		Site Information	
Analyst	MSH	Intersection	Lemmon & Patrician
Agency/Co	Solaegui Engineers	Jurisdiction	Washoe County
Date Performed	12/28/2016	East/West Street	Patrician Drive
Analysis Year	2026	North/South Street	Lemmon Drive
Time Analyzed	AM Base	Peak Hour Factor	0.92
Intersection Orientation	North-South	Analysis Time Period (hrs)	0.25
Project Description		and the second control of the contro	



# **Vehicle Volumes and Adjustments**

Approach		Eastb	ound			West	bound			North	bound		San American	South	nbound	
Movement	U	L	T	R	U.	L	Т	R	U	L	Т	R	U	L	Т	R
Priority		10	11	12		7	8	9	1U	1	2	3	4U	4	5	6
Number of Lanes		0	1	0		0	1	0	0	1	1	0	0	1	1	1
Configuration			LTR				LTR			L		TR		L	Т	R
Volume, V (veh/h)		2	2	46		46	7	1		62	61	13		1	286	12
Percent Heavy Vehicles (%)		3	3	3		3	3	3	Name and Address of the Parks	3				3		
Proportion Time Blocked						-		Metrocopy description							1	EU PARAMANANA
Percent Grade (%)		(	)			(	0		A CONTRACTOR OF THE PARTY OF TH	A. W. C.	Andrew Measurement or	Accessor		lanarrana and a	alliconomic and	in et au series and a
Right Turn Channelized		N	О		AND DESCRIPTION OF THE PARTY OF	N	lo	Strabination of the Strand Land		N	lo			P	No	AMERICAN PROPERTY.
Median Type/Storage				Undi	vided	The second second second	Marine State	An also de se	1		MAKESON BATTER STOCKED				THE STREET, ST.	AND THE PERSON NAMED IN
Critical and Follow-up F	leadwa	ys		OCTOR DESIGNATION AND REAL PROPERTY.	COMPONENCIAL STREET		ncequellus anabiasi secura		British Colonia (Colonia (Colo	Patrick Community of States		4		AR ISTACE WAS		
Base Critical Headway (sec)						A Francisco Company		infiliament under expression						NAMES OF TAXABLE PARTY.	T	ematroscom
Critical Headway (sec)			and or the second	provide Province		O THEIR SEAL COMMON AND REAL PROPERTY.	ANTONNOSERVIN	Meetitiineoniquiphymy		pro-emetacon agranus anno agran	Manager 200 Table Spanner	No. of Contract of		***************************************		
Base Follow-Up Headway (sec)		CONTRACTOR OF THE PARTY OF THE	Bridding of Carry Artistologics	William III THE PROPERTY OF	-	***************************************		Artylithir edges microgram	************	PRINCES AND ADDRESS OF THE PRINCES AND ADDRESS AND ADDRESS OF THE PRINCES AND ADDRESS AND ADDRESS OF THE PRINCES AND ADDRESS OF THE PRINCES AND ADDRESS AND ADDRESS OF THE PRINCES AND ADDRESS A	August Manager and	A DESCRIPTION OF THE PERSON OF	-		1	erempeasary.

# Follow-Up Headway (sec) Delay, Queue Length, and Level of Service

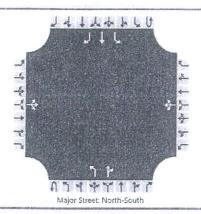
J					
Flow Rate, v (veh/h)	54	59	67	1	Will person the wife
Capacity, c (veh/h)	692	406	1229	1510	rise travelle res
v/c Ratio	0.08	0.15	0.05	0.00	P-padention)
95% Queue Length, Q <sub>95</sub> (veh)	0.3	0.5	0.2	0.0	North State (State (Sta
Control Delay (s/veh)	10.6	154	8.1	7.4	
Level of Service, LOS	В	C	A	A	eriote
Approach Delay (s/veh)	10.6	15.4	3.7	0.0	en en melyand vi
Approach LOS	В	C	AND THE PROPERTY OF THE PROPER		(Africano anno

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General Information		Site Information	
Analyst	MSH	Intersection	Lemmon & Patrician
Agency/Co.	Solaegui Engineers	Jurisdiction	Washoe County
Date Performed	12/28/2016	East/West Street	Patrician Drive
Analysis Year	2026	North/South Street	Lemmon Drive
Time Analyzed	AM Base + Project	Peak Hour Factor	0.92
Intersection Orientation	North-South	Analysis Time Period (hrs)	0.25
Project Description			



# **Vehicle Volumes and Adjustments**

Approach		Easth	oound			West	bound			North	bound			South	bound	
Movement	U	L	T	R	U	L	T	R	U	L	Т	R	U	L	T	R
Priority		10	11	12		7	8	9	10	1	2	3	4U	4	5	6
Number of Lanes		0	1	0		0	1	0	0	1	1	0	0	1	1	1
Configuration			LTR				LTR			L		TR		L	Т	R
Volume, V (veh/h)		2	2	46		111	8	2	протенциинациина	62	78	34		2	336	12
Percent Heavy Vehicles (%)		3	3	3		3	3	3		3	-	-C-WINDSHIM P-MI		3		
Proportion Time Blocked								ANNA SANCTONIA SA	-							
Percent Grade (%)		(	0			(	0	hannous annous	-	dia consessione	Announce of the last	August Had Salah Mindelin		Employees and	**************************************	In enquirements
Right Turn Channelized		N	lo	PARTY CONTRACTOR		N	lo		1	N	lo			1	Vo	ATTACA CONTRACTOR OF THE PARTY
Median Type/Storage				Undi	vided	PA Incorporate writers		discussion of the second	1	devaluti ramonamentam			lano ana mana	er kod om almiljand missour	e of the same of the same	Acres de la constitución de la c
Critical and Follow-up	Headwa	ys		CONTROL STATE SING				HILOOPENON HOLDING	- Section Company	***************************************	SPECIFICAÇÃO ALCONOMO E		ZL. Endyth service dance	and a service of the		and the second of
Base Critical Headway (sec)	1			p. St. Bully Wholesakes	-	T		el normanico per	1		-	-		promotor of the contract of th	1	-

Base Critical Headway (sec)					d hardwise and Process							
Critical Headway (sec)			- Company of the Comp				-					
Base Follow-Up Headway (sec)					ETHALIPYETER SLIFE, NAV	gurinnille gerad hult Carpa in		PROCESSION CONTRACTOR	Maria de come dia production su com		-	merennon
Follow-Up Headway (sec)												
Delay, Queue Length, and Le	vel of Ser	vice	***************************************	and the same of th	MANAGEMENT TO SERVICE	A DESCRIPTION OF THE PARTY OF	Remodel State 40 No. Cont.	Research muscles consumer or	Terrent special engines long suf	Parameter de la constitución de	(Berrice) manuscratched	a communication

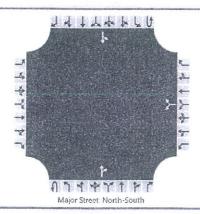
Approach LOS	В	С.	vanatuliset un eta sias un seni mette eta una villa mais d'espassion le rispaconez moi villa enque appar	
Approach Delay (s/veh)	11.1	21.3	2.9	0.0
Level of Service, LOS	В	c	A	T A I
Control Delay (s/veh)	11.1	21.3	8.3	7,5
95% Queue Length, Q <sub>95</sub> (veh)	0.3	1.7	0.2	0.0
v/c Ratio	0.08	0.38	0.06	0.00
Capacity, c (veh/h)	640	351	1174	1457
Flow Rate, v (veh/h)	54	132	67	2

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General Information		Site Information	
Analyst	MSH	Intersection	Lemmon & Deodar
Agency/Co.	Solaegui Engineers	Jurisdiction	Washoe County
Date Performed	12/28/2016	East/West Street	Deodar Way
Analysis Year	2016	North/South Street	Lemmon Drive
Time Analyzed	AM Existing	Peak Hour Factor	0.92
Intersection Orientation	North-South	Analysis Time Period (hrs)	0.25
Project Description			



# **Vehicle Volumes and Adjustments**

Approach		Eastb	ound			West	bound			North	bound			South	bound	
Movement	U	L	Т	R	U	L	T	R	U	L	T	R	U	L	T	R
Priority		10	11	12		7	8	9	10	1	2	3	4U	4	5	6
Number of Lanes		0	0	0		0	0	0	0	0	1	0	0	0	1	0
Configuration							LR					TR		LT		-
Volume, V (veh/h)						0		1	- Marine Marine Marine	MANAGEMENT MANAGEMENT AND ASSESSMENT OF THE PROPERTY OF THE PR	67	1		0	267	*************
Percent Heavy Vehicles (%)						3		3	-	(MRKKEZZA-MPAREME)		The state of the s		3		
Proportion Time Blocked														THE REAL PROPERTY AND ADDRESS OF THE PERTY ADDRESS OF THE PERTY AND ADDRESS OF THE PERTY ADDRESS OF THE P	-	
Percent Grade (%)		Entered Stock (Stock) Col.	Two reserves control	Section Control Control		4	0	Account to the same		herrosomensono	-Constitution of the Constitution of the Const	Zausenautus saestus		hattuserantsusen		THE REAL PROPERTY OF
Right Turn Channelized		N	lo			1	lo		No No							
Median Type/Storage		Undivided								-						
Critical and Follow-up	Headwa	ys				natule number scott	Marie Serator Services		deverance more			-	T. CONTRACTOR CO.	ne mee shirik keedoo	-	
Base Critical Headway (sec)	T							l .	T	WINTEN COMPANIES	1	The second		printed to the same	T	- Carried Street

Critical and Follow-up Headways	5				
Base Critical Headway (sec)					
Critical Headway (sec)					
Base Follow-Up Headway (sec)					
Follow-Up Headway (sec)					The State of
Delay, Queue Length, and Level	of Service		ent-recisionement (Savare rup vocal amobility actor versons pro-	en de commençation de la minima como en describante de la companya de la companya de la companya de la companya	Ret Ministra de La companya da esta Reta Martina de Companya de Caracteria de Caracter
Flow Rate, v (veh/h)		1		0	
Capacity, c (veh/h)		984		1517	
v/c Ratio		0.00		0.00	R 44 contracts the managed decrees a conserver.

			330000	
Conveight @	2017 Universit	of Florida	All Diabte	· Doconied

95% Queue Length, Q<sub>95</sub> (veh)

Control Delay (s/veh)

Level of Service, LOS

Approach Delay (s/veh)

Approach LOS

8.7

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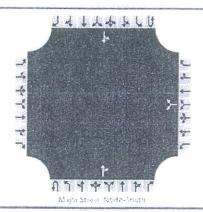
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0.0

0.0

7.4

General Information		Site Information					
Analyst	MSH	Intersection	Lemmon & Deodar				
Agency/Co.	Solaegui Engineers	Jurisdiction	Washoe County				
Date Performed	12/28/2016	East/West Street	Deodar Way				
Analysis Year	2016	North/South Street	Lemmon Drive				
Time Analyzed	AM Existing + Project	Peak Hour Factor	0.92				
Intersection Orientation	North-South	Analysis Time Period (hrs)	0.25				
Project Description							



# Vehicle Volumes and Adjustments

Approach		Eastb	ound			Westl	bound			North	bound			South	bound	
Movement	U	L	Т	R	U	L	Т	R	U	L	T	R	U	L	T	R
Priority		10	11	12		7	8	9	10	1	2	3	4U	4	5	6
Number of Lanes		0	0	0		0	0	0	0	0	1	0	0	0	1	0
Configuration							LR				Particular Secretor	TR		LT		
Volume, V (veh/h)						50		2			68	18		0	268	
Percent Heavy Vehicles (%)						3		3	The state of the s					3		
Proportion Time Blacked			MARK THUS THE STATE OF					1								at accommon
Percent Grade (%)		Salven and salven served		-	- Control of the Cont	(	)	- Constitution of the Cons	-	Interesperation to the second	<del>Čenomorania and</del>	Annous consumer con		คือสมราชเสมสมราชการการการ	e de la constante de la consta	Pro-divisions
Right Turn Channelized		N	0	FEB. 41 11 12 12 12 12 12 12 12 12 12 12 12 12		N	lo	NEMA YOU SHOW AND ADDRESS OF THE ADD		N	lo	NEO-CHIEF CONTRACTOR CONT		1	Vo	
Median Type/Storage	WOMEN OF THE PARTY	Undivided								all manages of water and the latest	Acmeronica	III Augustinia aug				

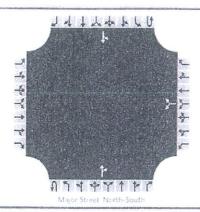
	Dana Falls III. II. II. I	1	1	-		3								
Base Follow-Up Headway (sec)	Page Fellow Un Handuma (and)	1	1		1	1	1				8		1	1
	Critical Headway (sec)	Marie Commence			-	-	-	COLUMN SERVICE DE	AMERICAN COLUMN	***************		Name and Associated Street, Spice of	 ANY COST CARROLL VALUE	

Flow Rate, v (veh/h)	56	0	Lesons
Capacity, c (veh/h)	632	1492	Applications
v/c Ratio	0.09	0.00	MINES
95% Queue Length, Q <sub>95</sub> (veh)	0.3	0.0	-
Control Delay (s/veh)	112	7.4	-
Level of Service, LOS	В	A	process
Approach Delay (s/veh)	. 112	0.0	-
Approach LOS	В	TO DESCRIPTION OF THE PERSON O	acres .

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General Information		Site Information						
Analyst	MSH	Intersection	Lemmon & Deodar					
Agency/Co.	Solaegui Engineers	Jurisdiction	Washoe County					
Date Performed	12/28/2016	East/West Street	Deodar Way					
Analysis Year	2026	North/South Street	Lemmon Drive					
Time Analyzed	AM Base	Peak Hour Factor	0.92					
Intersection Orientation	North-South	Analysis Time Period (hrs)	0.25					
Project Description			NEW THE PROPERTY OF THE PROPER					



# **Vehicle Volumes and Adjustments**

Approach		Eastb	ound			West	bound			North	bound			South	bound	
Movement	U	L	Т	R	U	L	Т	R	U	L	Т	R	U	L	T	R
Priority .		10	11	12		7	8	9	10	1	2	3	4U	4	5	6
Number of Lanes		0	0	0		0	0	0	0	0	1	0	0	0	1	0
Configuration			Martin Control of Martin Control	Marco Participation of the Print			LR					TR		LT		
Volume, V (veh/h)						1		2			74	2		1	295	
Percent Heavy Vehicles (%)						3		3						3		
Proportion Time Blocked		THE REAL PROPERTY.	PAPERTY BLOCKSHILLS					1					-			
Percent Grade (%)		Editor and an annual state of the state of t		E-manufacture (Manufacture (Man		Arrive aurantenarios	0	American		laura santa an	E-manu-mount manue	-	-	Market Control of the	A STATE OF THE PARTY.	harman and a second
Right Turn Channelized		N	0			٨	lo		No				No			
Median Type/Storage				Undi	vided	Crossiposanipai resent a	inexer attended its all their	wither control of the							diam tunga and deliam	

armaning armanan.	Samuel and the samuel
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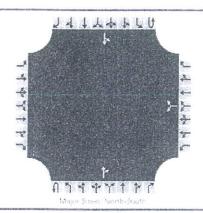
#### Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)		3	The same of the sa	1	T
Capacity, c (veh/h)		807		1507	1
v/c Ratio		0.00		0.00	
95% Queue Length, Q <sub>95</sub> (veh)		0.0	**************************************	0.0	
Control Delay (s/veh)		9.5		7.4	-
Level of Service, LOS		A		A	
Approach Delay (s/veh)	AND	9.5	wiferens an reserver of a server consequence of a consequence of a process of a consequence of a server of a consequence of a conse	0.0	-
Approach LOS		A		A Planting to the second commence of the seco	Principle of the

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General Information		Site Information					
Analyst	MSH	Intersection	Lemmon & Deodar				
Agency/Co.	Solaegui Engineers	Jurisdiction	Washoe County				
Date Performed	12/28/2016	East/West Street	Deodar Way				
Analysis Year	2026	North/South Street	Lemmon Drive				
Time Analyzed	AM Base + Project	Peak Hour Factor	0.92				
Intersection Orientation	North-South	Analysis Time Period (hrs)	0.25				
Project Description	PRESENTATION OF THE PROPERTY OF A STATE OF THE PROPERTY OF T	The second secon					



Vehicle Volumes ar	nd Adjustments
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Approach		Eastbound			Westbound				Northbound				Southbound			
Movement	U	L	Т	R	U	L	T	R	U	L	T	R	U	L	T	R
Priority		10	11	12		7	8	9	1U	1	2	3	4U	4	5	6
Number of Lanes		0	0	0		0	0	0	0	0	1	0	0	0	1	0
Configuration							LR					TR		LT		
Volume, V (veh/h)						51		3	TOTAL STATE OF THE		75	19		1	296	
Percent Heavy Vehicles (%)	ŀ					3		3						3		
Proportion Time Blocked			ALCOHOLOGICA CONTRACTOR												1	
Percent Grade (%)	account of the second	Restore Metabolistacija in I				(	0	Lanco ancomo			Sensitivo martinismo			h-u-		
Right Turn Channelized	No			No				No				No				
Median Type/Storage	Undivided									<u> </u>			-			

Base Critical Headway (sec)									I
Critical Headway (sec)								E E	
Base Follow-Up Headway (sec)			Anna Maria Cara Anna Anna	AND COLORAGE CONTRACTOR CONTRACTO	CASS TRANSPORTER				-
Follow-Up Headway (sec)									

# Delay, Queue Length, and Level of Service

		The second secon
Flow Rate, v (veh/h)	58	
Capacity, c (veh/h)	602	1481
v/c Ratio	0.10	0.00
95% Queue Length, Q <sub>95</sub> (veh)	0.3	0.0
Control Delay (s/veh)	11.6	7.4
Level of Service, LOS	В	A
Approach Delay (s/veh)	11.6	0.0
Approach LOS	B	

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