Fire Safe Regulations Updates







Nevada County Department of Public Works
Nevada County Fire Marshal's Office
December 2019

PURPOSE OF THE UPDATES

- CA Board of Forestry and Fire Protection adopted new SRA Fire Safe Regulations, effective 1/1/2020
- Updates to Building Code already in process
- Updates to other affected chapters of Land Use & Development Code presented today:
 - Zoning Regulations
 - Street Addressing
 - Fire Safety Regulations
 - Road Standards

PRIOR TO THIS MEETING

Public Works met with

- NCCA
- Individual local contractors
- Local development representatives
- Fire Marshal's Office
- Planning Dept

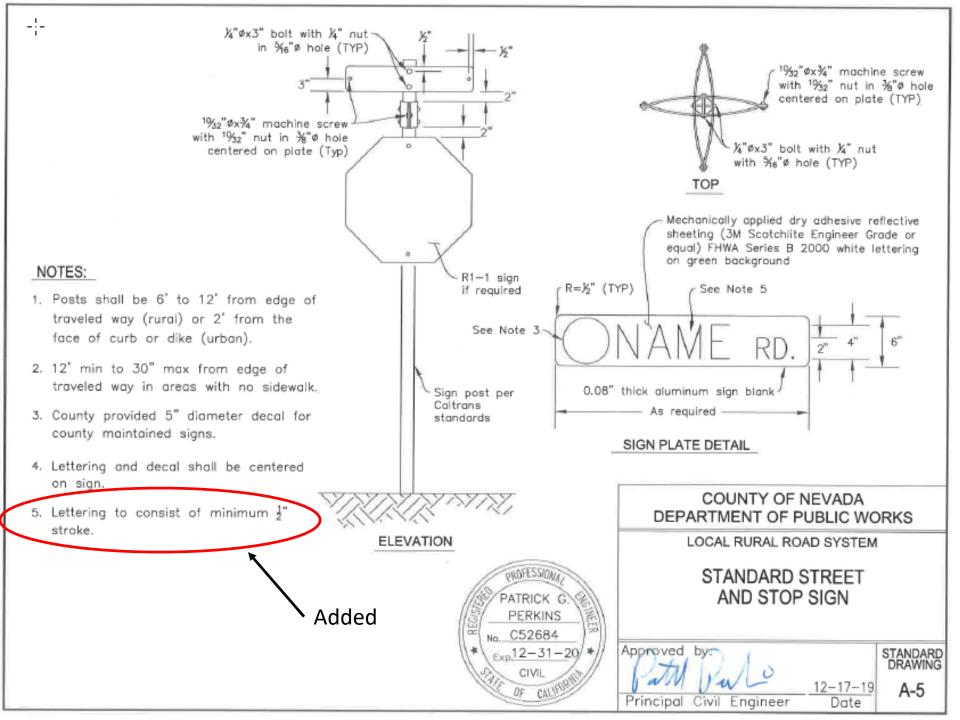
No concerns or opposition from members of the building/development community

CHAPTER II – ZONING REGULATIONS

Corrections to code reference and typos only

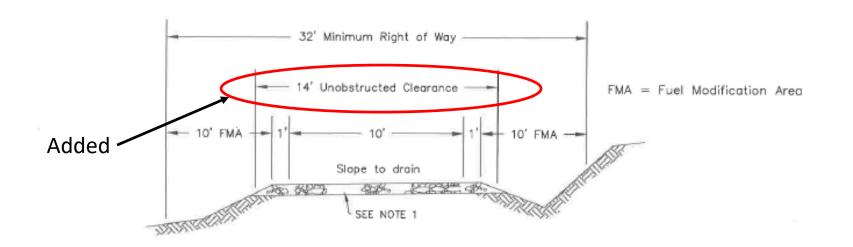
CHAPTER VII – STREET ADDRESSING

- New standards for address identification to facilitate easier location of sites during emergency response
 - Larger address numbering
 - More visible sign placement
 - Maintenance of address signage
- Corrected typos and code and standard drawing references
- Removed two standard drawings from Code section which were no longer relevant



CHAPTER XVI – FIRE SAFETY

- Updates to definitions consistent with SRA Fire Safe Regs
- Driveway standards updated
 - Wider turnouts (10 to 12') with taper
 - Additional width on larger radii
 - Paved driveway encroachments clarified
 - Removed 3 drawings no longer relevant



NOTES:

 Surface capable of supporting a 40,000 lb. vehicle with a minimum of 4" A.B., compacted to 95%, placed on a subgrade compacted to 90%.



COUNTY OF NEVADA
DEPARTMENT OF PUBLIC WORKS

LOCAL RURAL ROAD SYSTEM
FIRE STANDARD DRIVEWAY

att Pil 12-17-19

Principal Civil Engineer Date

C-2

CHAPTER XVI – FIRE SAFETY

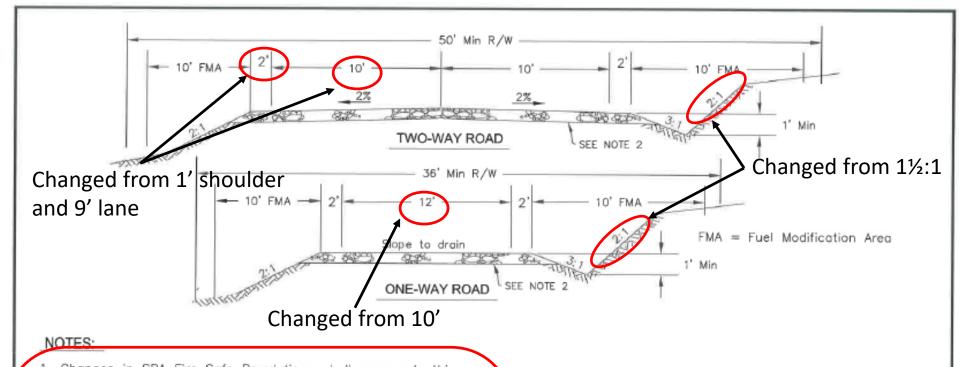
- Maintenance of defensible space for new development permits required in covenant or other binding agreement
- Fuel Modification
 - Added defensible space regulations and permissible exceptions where 30' of clearing is impracticable
- Minor corrections, clarifications, and code reference updates

CHAPTER XVII – ROAD STANDARDS

- Updates to definitions consistent with SRA Fire Safe Regs and LUDC Fire Safety Chapter XVI
- Turnouts added to road standard consistent with driveway standards
- Design Geometrics and Structural Section Design updated
 - New Class 1 standards 10' lane width. Double seal/4"AB removed and 3"AC/6"AB substituted
 - New Fire Standard road specs 10' wide lanes and 2' shoulders. Surface capacity 75K lbs. Subgrade compacted to 95%. 6" AB.
 - Class 2 and Minor Collector surfacing depths increased

CHAPTER XVII – ROAD STANDARDS

- Turnaround intervals added
- Measuring guidelines added
- Security gates on private roads allowed only with Fire Marshal Office approval
- Typo corrections, clarifications, and code reference updates



- 1. Changes in SRA Fire Safe Regulations shall supercede this standard and be approved by the Engineer.
- 2. The surface shall be capable of supporting a 75,000 lb. vehicle with a minimum of 6" AB compacted to 95%, placed on a subgrade compacted to 95%. Road grade shall not exceed 16%.
- 3. Roadway turnouts shall be provided along the route at locations specified in Nevada County Land Use and Development Code Chapter XVII.
- 4. Slope easements or R/W shall be provided to contain all cuts and/or fills satisfactory to the Engineer.
- 5. All Secondary "Emergency Egress Only" routes shall be identified as such by signs constructed to the standards as specified by the current California Manual on Uniform Traffic Control Devices.
- 6. All horizontal and vertical curves with inadequate sight distance shall be constructed to a two way road standard.

New notes

No. C52684

CIVIL

OF CALLS

Exp.12-31-20/*

DEPARTMENT OF PUBLIC WORKS OROFESSION. LOCAL RURAL ROAD SYSTEM PATRICK G FIRE STANDARD PERKINS ACCESS ROAD

Approved by

12-17-19 Civil Engineer Date

COUNTY OF NEVADA

RECOMMENDATIONS

- I. Environmental Action: Find the project exempt from CEQA pursuant to Sec 15307 & 15308 of the CEQA Guidelines, as an action taken by a regulatory agency for the protection of natural resources and the environment.
- II. Standard Drawings: Approve amendments to the Standard Drawings
- III. Ordinance Amendments: Introduce and waive further reading of the Ordinance amending Chapters II, VII, XVI, and XVII of the LUDC

