



Attachment I

State Road 512 Summary of Maintenance Issues

State Road 512 is less than 8 miles long. The most urgent need is from Mile 4 to the end of the road at Corkins Lodge.

- *Miles 1 through 3 (from 84 going east) are largely agricultural land and used for summer grazing. While grass may be at risk of burning and a potential ignition source, there are few residents and limited structures in this portion of the roadway.*
- *Miles 3 to 4 near Russell's Gravel has cattle guard, bridge, and narrow ROW issues*
- *Miles 4 to end of road pose the greatest danger including significant overgrowth of Gambel Oak and Ponderosa Pines, a dangerous "S" curve, and an inadequate turn around at the entrance to Corkins Lodge*

Detailed Description of Maintenance Requirements

Mile Marker 0 to 2, From Highway 64/84 to Timbers Ranch

Key Concerns/Dangers: Grass land fires, prairie dogs and dodging them, narrow shoulders

Road Maintenance Need: Needs paving

Mile Marker 2 to 3, From Cattle Guard to Russell's Gravel

- Key Concerns/Dangers:** **Poor line of sight**, corner stream crossing, tight corners, poor drainage, cattle guard rough, narrow stream crossing on corner, grass land fires, narrow shoulders, needs paving.
- Road Maintenance Need:** Wide vegetation trimming needed, improve, or lengthen cattle guard, needs paving.

Mile Marker 3 to 4, From Russell's Gravel to Cottonwood Meadows

- Key Concerns/Dangers:** Brush and Grassland fires, inadequate egress. narrow shoulders, needs paving.
- Road Maintenance Need:** Regular mowing, needs paving, narrow shoulder DOT to evacuate bridge and cattle guard

Please note: Mile Marker 4 to end of road are the most urgent concerns

Mile Marker 4 to 5, From Cottonwood Meadows to Fishtail Road

- Vegetation:** Cottonwood to Ponderosa Forest
- Uses:** Residential uses -2-3 acre
- Key Concerns/Dangers:** Catastrophic loss with forest fire, inadequate egress.
- Road Maintenance Need:** **Narrow "S" curve needs widening**, poor line of sight, tight corners, narrow shoulders, Gambel oak and trees encroaching pavement, needs paving.

- Immediate work needed: Identify and clear an area for pull offs
Remove brush and trees encroaching on pavement or ditches
- Intermediate work: Seek support for redesign of "S" curve and inclusion in Five Year Plan*
- Long Range Work : Widen and make safe the existing "S" Curve

*See Appendix A

Mile Marker 5 to 6, From Fishtail Road to Brazos Meadows (?)

- Vegetation:** Ponderosa Forest
- Uses:** Residential uses -2-3 acre
- Key Concerns/Dangers:** Catastrophic loss with forest fire, inadequate egress.
- Road Maintenance Need:** Gambel oak and trees encroaching pavement, narrow shoulders, needs paving.

Immediate work needed: Clear ROW of Gambel Oaks and brush with support from property owners. Work with Firewise to accelerate removal**
Identify and clear area for pull offs

Mile Marker 6 to 7, From Brazos Meadows to BCVFD Fire Station

Vegetation: Ponderosa Forest
Uses: Residential uses -2-3 acre
Key Concerns/Dangers: Catastrophic loss with forest fire, inadequate egress.
Road Maintenance Need: **Needs day-lighting of road, trees and Gambel oak encroaching pavement,** narrow shoulders, needs paving.

Immediate work needed: Determine ROW, clear Gambel Oaks and brush with support from property owners. Work with Firewise to accelerate removal

Mile Marker 7 to 7.5, From BCVFD Fire Station to Road End

Vegetation: Ponderosa Forest
Uses: Primarily ag and large parcel residential uses
Key Concerns/Dangers: Catastrophic loss with forest fire, inadequate egress.
Road Maintenance Need: **Needs day-lighting of road, trees and Gambel oak encroaching pavement, needs adequate signage and adequate turnaround,** narrow shoulders, needs paving
Inadequate turnaround by property line outside of Corkins Logde

Immediate work: Explore public/private partnership with adjacent property owners

Intermediate work: Do agreed upon work once private public agreement is in place

In the absence of agreement --some improvement to existing turnaround is necessary

**See Appendix B

ATTACHMENT II

This action plan is included to show the proposed partnership Firewise would like to have with DOT. These dates are suggestions and are intended to convey the urgency of the problem. The Brazos residents and businesses have a lack of information on maintenance issues, schedules and scope of work to be done. More importantly, we do not know who to call for information, or in the case of proposed maintenance, who to work with to coordinate joint efforts on a project. The schedule only includes the proposed immediate maintenance work.

<i>Description of Action</i>	<i>Responsible Party</i>	<i>Due Date</i>
Prioritize 512 to Highest level of maintenance	DOT	Immediately
Advise Forestry & Firewise of Highest Level	Forestry/DOT/Firewise	Immediately
Seek funding faintly if necessary For routine maintenance	DOT/Forestry	Immediately
Direct local DOT crew to begin Work where appropriate	DOT	9/1/23
Designate staff to inform Firewise When work is to begin	DOT	Immediately
Develop Maintenance schedule Using mile marker designation and Advise Firewise of start date	DOT	9/1/23 or sooner
Prioritize maintenance based on Support from property owners	DOT Firewise	9/15
Authorize volunteers to work on Private property with support From owners	DOT & Firewise/Owners	10/1/23

Appendix A

“S” Curve Properties and Long Term Solutions

About midway up 512 to the cliffs, the road passes through a narrow “S” curve where drivers turn white knuckled as they maneuver past each other. The “S” curve is tight with trees growing up to the edge of the pavement, leaving little room for driver error. Last winter a DOT driver slid his plow truck into the adjacent narrow ditch, blocking the road for several hours. With 250 fulltime residents in the Brazos canyon, this is an unacceptable hazard and a solution must be found. It can only be stated again that since 512 is the sole evacuation route, this portion of the roadway must be dealt with or seriously loss of life and property will occur.

This is obviously a safety issue and needs to be properly address in the DOT planning process starting with an up-to-date survey, correct ROW dimensions, and property boundaries.

S Curve Properties



Solutions to the S curve may be able to occur in NMDOTS existing ROW or may require an additional 2 4 property owners.

Appendix B

The following milepost card is a sample of how Firewise can assist DOT in gathering data and getting approval for clearing work to begin. If this suggestion is acceptable, once the data is collected by Firewise volunteers it will be electronically sent to DOT and Forestry for their files.

MILEPOST DATA

Property owners by mile for miles 5 to 7.5

Owner Name	Address	512 Frontage	Approx Mile Post	Support Firewise	DOT OK to Trim
Sample					
Jim Doe	Milestone Lot 13	400 Ft	4.5	Yes	Ok