

# SHINING MOUNTAINS WEST OWNER'S ASSOCIATION

## Four Year Road Plan

2021 - 2024

Prepared by the Road Committee

### Summary

This four-year road plan was prepared at the direction of the Association's members. During the 2019 annual meeting a motion was made, and passed, that the road committee prepare a four-year plan. Specifically, "The road committee submit to membership, in writing and on the website, a 4-year road plan before next year's annual meeting."

The four-year road plan was developed from input from members of the committee as well as work done in prior years including the remarkable efforts of Craig Schroder's. The road committee membership includes:

- Kevin Amberson – South Golden Eagle
- Russell Eberts – Partridge, Nutcracker and Magpie
- Charlie Endean – Redtail Hawk
- Gary Fuis – Barn Owl and Screech Owl
- Earl Gooch – North Golden Eagle
- Neil Lindgren - Falcon
- Rick Mohr – Meadowlark
- Bald Eagle needs new representation as Raul Luciani left the Association

### Road Work Developed in Prior Planning Efforts

Prior road work conducted by Craig Schroder and others looked at what has been done on Association roads from 2009 through 2018 (see Attachment 1).

### Ten Year Plan – Roadwork Proposed for 2017 to 2026

A 10-year plan was prepared by Craig Schroder and others in 2017. The plan assumed that on odd years general grading would occur and on even years certain roads would be graveled and compacted and grading and compaction would occur on other roads (see Attachment 2).

## Four Year Road Plan – 2021 to 2024

The goals for the four-year road plan is to continue with standard grading and compaction followed with graveling the road surface as needed. Elevating sections of roads will be a priority during the four-year plan on certain sections of roads that are prone to snow drifts. Culvert maintenance and marking will continue to ensure they function as designed and are marked to allow safe roadside mowing

There are approximately 10.8 miles of road in the association. The road system has been divided into four segments between 2.6 and 2.8 miles in length. This allows the Association to focus on specific roads each year of the four-year plan. Flexibility must be incorporated into the plan such that emergency work can be done on roads in any given year that are not part of the four-year plan. Emergency work would include grading, graveling and compaction of roads damaged during the spring runoff season and emergency culvert needs.

Table 2 Proposed 4-year Road Plan

<b>Year</b>	<b>Road Segments (Miles)</b>	<b>Roadwork Proposed in Plan</b>
<b>2021</b>	Bald Eagle (1.9) Redtail Hawk (0.7) 2.6 Miles	Grade and compact roads (confirm that end section of Redtail Hawk to be graded). Gravel section of roads as required. Elevate section of Bald Eagle to minimize snow drifts as required. Improve roadside conditions to allow optimal mowing.
<b>2022</b>	N Golden Eagle 2.8 Miles	Grade and compact road. Gravel sections of road as needed. Inspect all culverts and clean out inlets and outlets as required. Improve roadside conditions to allow optimal mowing.
<b>2023</b>	S Golden Eagle (0.9) Barn Owl (0.3) Screech Owl (0.3) Magpie (0.4) Nutcracker (0.3) Partridge (0.6) 2.8 Miles	Grade and compact roads (confirm that Screech Owl and Barn Owl are to be graded). Gravel sections of road as required. Elevate sections of S Golden Eagle as required to minimize snow drifting. Improve roadside conditions to allow for optimal mowing. Inspect culverts to maintain adequate flow capacity.
<b>2024</b>	Meadowlark (1.7) Falcon (0.9) 2.6 Miles	Grade and compact roads. Gravel roads as required. Inspect culverts and clean out inlets and outlets to maintain flow capacity. Improve roadside conditions to allow optimal mowing efficiency.



Figure 1 SMWOA Roads





## Attachment 1

<b>SMWOA ROADWORK SUMMARY: 2009-2018</b>					
<b>Road</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>Redtail Hawk</b>			Graded	Graded	Graded/Gravel
<b>S Golden Eagle</b>					Gravel from Bald Eagle to Redtail Hawk; Graded
<b>Bald Eagle</b>		Graded/Gravel	Graded/Gravel South End	Graded/Gravel west half #28-30	Graded
<b>N Golden Eagle</b>	Graded	Graded/Gravel	Graded/Gravel	Graded #57-46/Gravel from beginning #46	Graded
<b>Partridge</b>					Graded/Graveled west section #53-66
<b>Nutcracker</b>			Graded	Graded	
<b>Magpie</b>					
<b>Meadowlark</b>	Graded/Gravel		Graded/Gravel	Graded	Graded
<b>Falcon</b>		Graded	West half Graded		
<b>Screech Owl</b>		Graded/Gravel			Graded
<b>Barn Owl</b>		Graded/Gravel to Lot 115			Graded
<b>SMWOA ROADWORK SUMMARY: 2014-2018</b>					
<b>Road</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
<b>Redtail Hawk</b>	Graded	Graded	Grade/Compact	Grade/Compact	Grade/Compact
<b>S Golden Eagle</b>	Gravel a low spot/Graded	Graded	Grade/Compact	Gravel/Graded/Compact	Grade/Compact
<b>Bald Eagle</b>	Gravel#30-19/Graded	Gravel .5 mile to end / Graded	Grade/Compact/Gravel in problem areas	Grade/Compact	Grade/Compact
<b>N Golden Eagle</b>	Graded	Graded	Grade/Compact	Grade/Compact Just past Nutcracker	Grade/Compact to the top
<b>Partridge</b>					
<b>Nutcracker</b>		Graded	Grade/Compact		
<b>Magpie</b>					
<b>Meadowlark</b>	Emergency gravel for problem areas/Graded	Gravel 1 mile/Graded	Grade/Compact/Gravel in problem areas	Grade/Compact	Grade/Compact
<b>Falcon</b>	Gravel beginning to #94/Graded	Graded	Grade/Compact		Gravel planned for 2019 – East Falcon
<b>Screech Owl</b>	Graded	Graded			
<b>Barn Owl</b>		Graded			

## Attachment 2\*

<b>ROADWORK PROPOSED FOR 2017 TO 2026</b>					
<b>Road</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>
<b>Redtail Hawk</b>	Grade & Compact	Grade & Compact	Grade	Grade & Compact	Grade
<b>S Golden Eagle</b>	Gravel/grade/compact ½ mile	Grade & Compact	Grade	Grade & Compact	Grade
<b>Bald Eagle</b>	Grade & Compact	Grade & Compact	Grade	Gravel, grade and compact 1 <sup>st</sup> section	Grade
<b>N Golden Eagle</b>	Grade & Compact to #46	Grade & Compact	Grade	Grade & Compact	Grade
<b>Partridge</b>			Grade		
<b>Nutcracker</b>		Gravel/Grade & Compact	Grade	Grade & Compact	Grade
<b>Magpie</b>			Grade		
<b>Meadowlark</b>	Grade & Compact	Grade & Compact	Grade	Grade & Compact	Grade
<b>Falcon</b>		Plan for gravel in 2019 east end	Gravel & grade east end	Grade & Compact	Grade
<b>Screech Owl</b>				Grade & Compact	Grade
<b>Barn Owl</b>				Grade & Compact	Grade
<b>Road</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>
<b>Redtail Hawk</b>	Grade & Compact	Grade	Grade & Compact	Grade	Grade & Compact
<b>S Golden Eagle</b>	Grade & Compact	Grade	Grade & Compact	Grade	Grade & Compact
<b>Bald Eagle</b>	Gravel, grade & compact 2 <sup>nd</sup> section	Grade	Grade & Compact	Grade	Grade & Compact
<b>N Golden Eagle</b>	Grade & Compact	Grade	Gravel, grade & compact a section	Grade	Grade & Compact
<b>Partridge</b>					
<b>Nutcracker</b>	Grade & Compact	Grade	Grade & Compact	Grade	Grade & Compact
<b>Magpie</b>					
<b>Meadowlark</b>	Grade & Compact	Grade	Grade & Compact	Grade	Grade & Compact
<b>Falcon</b>	Grade & Compact	Grade	Grade & Compact	Grade	Grade & Compact
<b>Screech Owl</b>	Grade & Compact	Grade	Grade & Compact	Grade	Grade & Compact
<b>Barn Owl</b>	Grade & Compact	Grade	Grade & Compact	Grade	Grade & Compact

\*Actual plans implemented may differ from the 10-year plan assumptions for a given year such as 2020. The plan for 2020 addresses grading, compaction and gravel placement as well as elevating roads segments that are prone to snow drifts and a plan to improve culvert performance and marking so we know where culverts are when mowing the roadsides. The 2020 Road Plan is available through the Road Committee.