

Resident Evacuation Value

Criteria	Pts	Unweighted Score						Weight	Weighted Score								
		Choke	Daisy	East	King	Pine	Shingle		Choke	Daisy	East	King	Pine	Shingle			
		Cherry	Lane	Mont.	GWSD	Ranch	Drop		Creek	Cherry	Lane	Mont.	GWSD	Ranch	Drop	Creek	
1) Provides an alternative evacuation route if 70 is unusable and/ or access is blocked by accident or fire*	Pts																
A) Road provides direct access to 74	4																
B) Road provides indirect access to 74	2	0	4	2	4	0	4	2	5	0	20	10	20	0	20	10	
C) Road does not provide an alternative to 70	0																
2) Is a high capacity road that avoids the GFPD's two critical traffic bottlenecks **	Pts																
A) Is a two lane road that avoids existing Exit 254 and 256 bottlenecks	4									0	0	0	0	0	0	0	
B) Is a one lane road that avoids existing Exit 254 and 256 bottlenecks	2																
C) Does not avoid Exit 254 and 256 bottlenecks	0																
3) Avoids Genesee Trail/Vista and/or Ridge/Vista intersections which, if made impassable by fire would trap large numbers of residents ***	Pts																
A) Route is greater than 0.5 miles from these intersections	4									0	0	0	0	0	0	0	
B) Route is 0.2 to 0.5 miles from these intersections	2																
C) Route is less than 0.2 miles from these intersections	0																
4) Provides an alternative emergency responder ingress so that both lanes of Genesee Ridge and/ or Trail (GFPD's current main evacuation routes to I-70) could be used for resident evacuation. ****																	
A) Yes	4									0	0	0	0	0	0	0	
B) Yes, but with slower response times for the majority of nearby units	2																
C) No	0																
5) Goes through or connects to areas where residents can easily get lost in the smoke or confusion of a wildfire. *****																	
A) No	4									0	0	0	0	0	0	0	
B) Yes	0																
6) The road is and/or connects to roads that are narrow, have harpin turns, lack shoulders and/or guard rails along steep slopes that may increase the likelihood of accidents.																	
A) No	4									0	0	0	0	0	0	0	
B) Yes	0																
7) The road does NOT go into the most likely direction of the prevailing winds (west or southwest)*****																	
A) Yes	4									0	0	0	0	0	0	0	
B) No	0																
Total Score		0	4	2	4	0	4	2		0	20	10	20	0	20	10	

* I70 could be unusable due to fire crossing the highway, smoke, accidents, chemical spills, traffic etc. Additionally, access to our current evacuation routes could be blocked by fire trapping residents who can no longer reach I70.

** Currently, the intersections near Exits 254 and 256 are the GFPD's capacity limiting bottlenecks. All GFPD traffic must go through a capacity reducing stop sign to exit the GFPD. Any new or improved road that leads to these bottlenecks can provide flexibility and redundancy for movement within the GFPD, but it will not improve the time it takes for the last resident to evacuate the GFPD.

*** The Genesee Ridge/Vista and Genesee Trail/ Vista intersections are not capacity limiting bottlenecks for the GFPD under normal circumstances since they have only half the traffic of the intersections south of 70 at Exits 254 and 256. However, the two intersections are only 640 ft apart. The 2008 CWPP considered them to be so close that much of the GFPD has "essentially a single egress route." A fire starting at or near these intersections could trap large numbers of residents. Alternative routes that are further from these intersections are more beneficial.

**** Under extreme circumstances, emergency managers can opt to make both lanes of a two-way road available for evacuation.

***** This risk might be mitigated to some extent by additional signage, but the smoke and confusion of a wildfire could undermine the usefulness of such signage

***** There is a much higher probability that fires that threaten the GFPD will come from the direction of the prevailing winds.