

**RESIDENTIAL DENISITY & POTENTIAL VEHICULAR TRAFFIC INFORMATION-Hobbs Hwy**

<b>Name of Lake</b>	<b>Size</b>	<b>Number of lots/residences</b>	
Spider Lake	450 acres	426	* Spider Lake DNR public launch 32 spaces
Rennie Lake	230 acres	129	* Public access-2 –no parking
Bass Lake	12.8 acres	19	Lake access/Fire WP-Scout Camp rd circle drive South side on road commission right of way/ conservancy/GOREC property
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Totals	692.8 acres	574	32 plus? <b><i>*Must have State access permit to use DNR Launches- State Park/Rec. pass through DMV.</i></b>

**Possible Traffic Impacts: Hobbs HWY Speed Limit is 55 MPH**

There is NOT another paved, 2 lane, maintained road between North Spider Lake Road (to the north) and Ranch Rudolf Road (to the Southwest) for the following roads and approximate number of dwellings to exit or gain entrance to their residence or GOREC other than Hobbs Highway. *This includes access and exit for all emergency vehicles, Road Commission vehicles, utility vehicles, Fire safety vehicles, mail delivery, plowing and local residents, etc. In talking with the Road Commission the average vehicle per residential household of 3-4 people is; 2-3 vehicles which make 5-7 trips a day. (Per my conversation with Ron at the Road Commission.)*

(I have included a road map for you to pin point each road as well. (See attachment)

<b>Name of Road</b>	<b>Approximate number of dwellings</b>
Hobbs Hwy	65 (between N Spider Lake Rd and Ranch Rudolph)
Albert Courtade	31
Knotty Pine Dr.	8

<b>Greilick Rd</b> –Plus Oaks Resort	45	
Applegate (off Greilick)	4	
Bittersweet (off Greilick)	13	Total off Greilick Rd=66
Avery Drive (off Greilick)	4	

<b>Scout Camp Road</b>	38	
Trager Rd (off Scout camp)	21	Total off Scout Camp Rd= 67
Circle Drive (off Scout Camp)	8	
<b>South Spider Lake Rd</b>	total 10	
South Spider Lake Dr (off S Spider Lake)		
<b>Harolds Road</b>	37	
Moonlight Bay Trail –off Harolds-	10 (7 cottages and 2 houses)	
Moonlight Rd- Off Harolds	3	
HAIA- off Harolds	4	Total off of Harolds Rd= 69
Resort Dr off Harolds	3	
Hiawatha Trail off Harolds	5	
Mayhew Trail off Harolds	7	
Last Bay Dr.	10	

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Total Roads 20                      Total approx. # Dwellings 326

**At approximately 2 vehicles per dwelling = 652 vehicles, at 6 trips a day = 3912 vehicle trips a day on Hobbs Hwy between N Spider Lake Rd and Ranch Rudolph. This is based on approximates without a traffic study or consulting a traffic engineer (per my conversation with the Road Commission).**

**GOREC INFORMATION:**

- The Possible GOREC **Vehicle Capacities** regarding the events listed, (i.e. walking, activities, classes, etc.)proposal (p70) **are not addressed**. Vehicle numbers and trips per day are not part of the chart.
- EGLE requirements are noted regarding the campground vehicles, but **trips per day, per vehicle** on Hobbs are not noted.
- A credible resource for any other event parking/vehicle information and trip data is not presented in this proposal.

- The Parking Plan does NOT allow for single attendees/driver vehicles as stated on Page 70. Single passenger vehicles are not in the calculations for weddings or events.

**The Event Chart lists the event and has some participant numbers listed. The Chart DOES NOT LIST THE POTENTIAL VEHICLES at other events except weddings and the campground. The number of trips per vehicle is omitted.**

**People intensity is somewhat noted in the packet– Traffic Impact is omitted on this chart and no vehicle/trip intensity is listed. (see below and P70)**

**GOREC Guest intensity and possible traffic impact:**

**Day use-walkers/bike etc.** (APPLICANT has not provided any calculations) Possible-30 people @ 18- 20 vehicles?- 20 vehicles at 2 trips= 40 vehicle trips on Hobbs Hwy

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**\*Class participants** -lists 30 guests, 2 people in 10 vehicles; 10 single vehicles= 20 vehicles (2 trips)=40 vehicle trips on Hobbs Hwy

\*(HOW MANY CLASSES PER DAY? Information not provided)

**Mid-SIZE Events-** 100 guests @ 2 people in 35 vehicles, 30 single people in 30 vehicles (2-3 trips) -65 vehicles at 1.5 trips = 97.5 trips on Hobbs Hwy.

**Large Size-** 500 guests @ 3 people in 17 vehicles; 2 people in 200 vehicles; 1 person 50 vehicles, =267 vehicles at 2 trips on Hobbs= 534 trips. (1.5 event per month all year long)

**Weddings** -157 vehicles @ 2 trips=314 trips on Hobbs Hwy. (Does not allow for any single vehicle drivers) ( 2 or more weddings per month) ( Does Besser Lodge have a centralized HVAC or even a heating system?)

**Transient Activity Permit-** 500 guests@ 3 people in 17 vehicles; 2 people in 200; 1 person in 50 vehicles;=267 vehicle trips on Hobbs Hwy.

**Campground-64** sites at 2 tents per site, 1.5 vehicles per site. Potential 96 vehicles (64 plus 32 if sites have two tents-2 vehicles approx 32 more) =96 vehicles making@ 6 trips a day. **576 trips from campers on Hobbs Hwy. Overnight parking 105- (5-7 trips per vehicle).**

(How many events, campground, walkers, races happening on the same day?)

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Total 892 vehicles a day possible (796 @ 2 trips= 1592 trips) (Campground 96@ 6 trips=576)

***Approximate average total number of added vehicles to Hobbs Hwy between N Spider Lake Rd and Ranch Rudolf is 2,168 potential vehicles trips per day to the average current possible use of 3912= 6080 vehicle trips on Hobbs Hwy.***

**Even if half the usage were purposed, the number is 1084 vehicle trips added to the current residential-3912 trips would= 4996 potential vehicles trips on Hobbs Hwy a day.** Hobbs Hwy is a 2-lane, very winding, hilly, and poor “line of site” road with a 55 mph speed limit. It is the only paved and maintain road for use by GOREC, residents and any other type of vehicular use.

**What is the daily use? What are the peak times of day for traffic, weekend use, summer use, Festival times use? Winter usage? Number of accidents/emergencies on and using Hobbs Hwy?**

The potential number of participants, guests and campers is somewhat noted in the chart. The number of parking spaces is defined. **The number of vehicles and traffic generated CANNOT be determined, calculated or defined without at a Traffic Impact Study.**