

Appendix A – Survey Instruments Used in ORV Plan Development  
**ORV TRAILS AND ROUTES--ASSESSMENT FORM**

Directions: Please fill out the following form for each ORV Trail and Route based on your most current evaluation and/or Trail Maintenance and Safety Inspection Reports. When information is unknown, make estimations. Use a (N/A) for "Not Applicable." Also, provide a hard copy of the trail map with suggestions for trailheads, notations about trail/route segments with problems such as water, brushing needed, whoop outs, etc. Add any comments or clarifications as needed in the margins or on the back of the sheets.

Trail Name: \_\_\_\_\_ Date: \_\_\_\_\_

Evaluator: \_\_\_\_\_

Year of most recent Trail Maintenance & Safety Inspection Report used in your response \_\_\_\_\_

List FMFM Management Units trail/route passes through and the approx. % of trail in each unit.

Unit Name \_\_\_\_\_ % Trail in Unit \_\_\_\_%;  
 TOTAL 100%

**Trailhead**

1. List all ORV trailhead locations (shown on map)

Trailhead Location (County, Twp., Range, Sec.)	Designated Yes or No (circle)	Access road(s) # or name & manager (county, FMFM, MDOT, FS)	Approx. parking capacity (w/trailers)	List all amenities (trash cans, toilet, bulletin boards, etc.) found at the trailhead
1	Yes or No			
2	Yes or No			
3	Yes or No			
4	Yes or No			
5	Yes or No			
6	Yes or No			

2. Using the trailhead number from above table, please provide any recommendations for renovation if needed. Also, please note any locations where a new trailhead is needed and currently not provided and mark on accompanying map with the word "NEW TH".

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

New Trailhead Needed at: \_\_\_\_\_

New Trailhead Needed at: \_\_\_\_\_



Designated SF Pathways	# _____
Designated NF Non-Motorized Trails	# _____
State forest roads	# _____
National forest roads	# _____
Private roads	# _____
All other roads	# _____
Total Number of Trail Crossings	# _____

12. Does the trail map need any revisions or corrections? Yes-  No-

Explain/illustrate any needed revisions \_\_\_\_\_

**Overall Trail and Treadway Condition:**

13. Overall for the Trail, which **ONE** of the three ratings best describes its current condition?

? **Good** Trail complies with ORV Maintenance Specifications over more than 95 % of the trail mileage, meets users needs, and conditions are sufficient to safeguard users and the environment. Only minor improvement needed.

List Problems: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

? **Fair** Trail complies with ORV Maintenance Specs. from 75%-95% of the trail mileage, generally meets user needs and conditions generally safeguard users and environment. Moderate improvement needed.

List Problems: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

? **Poor** Trail complies with ORV Maintenance Specs. on less than 75% of the trail mileage, fails to meet user needs, and conditions do not safeguard users and the environment. Major restoration and repair necessary.

List Problems: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Trail Hazards**

Wet Areas (Mark areas needing attention in **BLUE** and approximate length on map)

14. Total # of wet areas found on the trail # \_\_\_\_\_ Total approx. length (miles) \_\_\_\_\_

15. How many of these areas require rerouting or other treatment?  
 Total approx. length (miles) \_\_\_\_\_

Side Slope and Hills (Mark areas needing attention in **RED** and approximate length on map)

16. Total # of side slopes & hills along the trail # \_\_\_\_\_ Total approx. length(miles) \_\_\_\_\_



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**Provide any additional comments below.**

**COUNTY ROAD COMMISSION MANAGER ORV QUESTIONNAIRE**

1. What county do you represent? \_\_\_\_\_

2. Please check (v) the ONE statement that best describes your county's current policy about ORVs that are NOT licensed by the Michigan Secretary of State using county road shoulders?

My county allows ORVs to ride on the shoulder of all county roads (*please enclose copy of ordinance permitting such*)

Are the county roads signed for this use?  Yes  No

My county allows ORVs to ride on the shoulder of some county roads that are clearly signed and designated for that purpose (*please enclose copy of ordinance*)

Are the county roads open to ORV use signed for this use?  Yes  No

My county does not allow ORVs to ride on the shoulder of any county roads

3. Please describe the rationale for this policy checked in Question 2. \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

4. Is the Road Commission significantly interested in changing current policy?  Yes  No  
If yes, what change is the Road Commission considering? \_\_\_\_\_

\_\_\_\_\_

5. Please describe the experience in your county over the past 10 years concerning ORVs not licensed by the Secretary of State and county roads in regards to:

Citizen comments about **illegal** ORV use of county road shoulders \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

Citizen comments about **legal** ORV use of county road shoulders \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

Citizen comments about **lack of legal** ORV access to county road shoulders \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

Accidents/fatalities involving ORVs on county roads/road shoulders \_\_\_\_\_

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Citations written by county officers for illegal ORV use on county roads/road shoulders

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6. In the northern Lower Peninsula, the Michigan Cross Country Cycle Trail (MCCCT) connects a series of ORV loop trails. The loops are open to DNR licensed ORVs, whether they are street legal (Secretary of State licensed) or not. However, in its current state, the MCCCT connectors between the loops often use county roads or state highways only open to street legal vehicles. In a few locations, county road commissions have designated specific county road rights of way for use by DNR licensed ORVs that are not street legal to connect loops. In other areas, the DNR has sought to acquire corridors for state ownership to connect trail loops and to facilitate other trail activities such as snowmobiling. Please rate your support or opposition concerning each of the following options by checking (v) your choice and explaining your rating.

Alternatives	Strongly support	Support	Oppose	Strongly oppose	Not sure
Reroute the MCCCT connections onto existing or newly purchased state/national forest trails/roads designated open to all DNR licensed ORVs					
Why this rating?					
Gain permission for non-street legal ORVs to use county road rights-of-way (shoulder) where no public trail alternatives are available for MCCCT re-routes					
Why this rating?					
Eliminate MCCCT connections that are now illegal for non-street legal ORVs					
Why this rating?					

If you have any other comments about the Michigan ORV Program, please write them below or on an attached sheet. Thanks for your assistance.

<b>ORV ENFORCEMENT AND SAFETY SHERIFF QUESTIONNAIRE</b>
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1. What county do you represent? \_\_\_\_\_
  
2. If funds were available to your county (regardless of whether it did or did not have designated ORV trails) through the Michigan Off-Road Vehicle/All Terrain Vehicle Safety Education Program (which provides state reimbursement of up to \$20 per student) to offer an ORV safety instruction course on a model similar to the marine safety program (classroom instruction using certified statewide curriculum + standardized statewide test proctored by sheriff personnel), would your county be interested in offering such a course? ?Yes ?No
  
3. Did your county participate in the Michigan ORV Enforcement Grant Program with the Michigan Department of Natural Resources in 2003? ?Yes ? No

**If YES**, what is the ONE most important reason you participate? \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_ (Now please continue to Question 4)

**If NO**, what is the ONE most important reason you do not participate? \_\_\_\_\_  
 \_\_\_\_\_  
 Then what would encourage your county to participate in ORV enforcement in the future?  
 \_\_\_\_\_  
 \_\_\_\_\_

(Thanks for your response. If your county was not in the program in 2003 you are done. Please mail the questionnaire back in the postage paid envelope).

ORV Patrol

4. What was the 2003 patrol season for ORV patrol in your county?

Beginning date \_\_\_\_\_, 2003                      Ending date \_\_\_\_\_, 2003

Please provide a list of the designated ORV trails, routes and motor sports areas patrolled in your county during 2003. If one was patrolled on average two or more times per week for the patrol season please list it under **frequent**, if less than two times per week but was still patrolled to some extent, list it under **occasional**. If you need more room than allowed, please use an additional sheet of paper.

<b>Trail/Area Frequently Patrolled</b> (2 or more times/week)	<b>Trail/Area Occasionally Patrolled</b> (less than 2 times/week)


5. Which trail/area presented the greatest patrol challenges? \_\_\_\_\_

5b. Please explain those challenges and what was done to meet them. How effective were you in your efforts? How do you measure effectiveness?

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6. Please rate seriousness of each ORV law violation on a scale of 1 – 5 where 5 is extremely serious to 1, which is minimally serious, by circling your rating for each violation.

Violation	Min.			Ext.	
	1	2	3	4	5
Exceed ORV sound limits	1	2	3	4	5
No spark arrestor	1	2	3	4	5
Unlicensed ORV	1	2	3	4	5
Non-certified youth operating without adult supervision	1	2	3	4	5
Operate without Secretary of State registration on federal/state/county roadway requiring such registration	1	2	3	4	5
Operate where prohibited (e.g. state lands not open to ORV use, non-motorized trails, wetlands, etc.)	1	2	3	4	5
No helmet	1	2	3	4	5
No eye protection	1	2	3	4	5
Operating under the influence of alcohol or drugs	1	2	3	4	5
Trespass onto private property	1	2	3	4	5

6a. Of the violations listed above, which ONE is the most serious? \_\_\_\_\_

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6b. What ONE action on the part of your county would be most effective at further reducing the incidence of this most serious violation?

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7. Was your department involved in cooperative ORV patrol activities with other agencies such as other counties, volunteer clubs, the Michigan DNR or US Forest Service? ?Yes ?No  
If YES, please list all cooperating agencies \_\_\_\_\_

\_\_\_\_\_

How effective have cooperative patrol activities been? (check v one)  
?Very effective ?Moderately Effective ?Minimally effective

If NO, what was the ONE most important reason your county didn't work with other entities on ORV enforcement?

\_\_\_\_\_  
\_\_\_\_\_

8. What percentage of your county's patrol time was spent at \_\_\_\_\_ trailheads/parking areas  
\_\_\_\_\_ on the trails/routes/areas  
=100%

9. Overall, what could be done to improve ORV safety by your county through patrol?

\_\_\_\_\_  
\_\_\_\_\_

10. Overall, what could be done to improve ORV safety through patrol by the state and federal government (if applicable) in your county?

\_\_\_\_\_  
\_\_\_\_\_

**ORV Safety Education**

Recently administration of the ORV Safety Education program was transferred from the Michigan Department of Education back to the Michigan Department of Natural Resources where it had initially resided. The administrative rules regarding the curriculum of the educational program and who is certified to teach it have not changed with the change in administration.

11. Does your department offer a certified ORV safety course in your county? ?Yes ?No

If yes, what is the ONE most important reason you participate? \_\_\_\_\_

\_\_\_\_\_

If no, what is the ONE most important reason you do not provide the course? \_\_\_\_\_

\_\_\_\_\_

11a. Does your department offer (v those that apply): ?Certified marine safety course  
?Certified snowmobile safety course  
?Certified hunter safety course

12. Do you support putting ORV safety education materials used for teaching students on the internet so they are continuously available to the public? ?Yes ? No

If yes why? \_\_\_\_\_  
\_\_\_\_\_

If no why? \_\_\_\_\_  
\_\_\_\_\_

13. Would you support exploring the feasibility of using the internet as a teaching option to classroom instruction for ORV Safety Education, including providing materials to students and to responding to student questions/interactions, with examinations still administered on-site by a certified instructor? ?Yes ? No ?Not sure

13a. What is the ONE most important reason for your opinion? \_\_\_\_\_

\_\_\_\_\_

14. What could your county do to improve ORV safety education? \_\_\_\_\_

\_\_\_\_\_

15. What could be done to improve ORV safety in your county through education by the state and federal government?

\_\_\_\_\_

\_\_\_\_\_

**ORV Enforcement and Safety Issues**

16. In the northern Lower Peninsula, the Michigan Cross Country Cycle Trail (MCCCT) connects a series of ORV loop trails. The loops are open to DNR licensed ORVs, whether they are street legal (Secretary of State licensed) or not. However, in its current state, the MCCCT connectors between the loops often use county roads or state highways only open to street legal vehicles. In a few locations, county road commissions have designated specific county road rights of way for use by DNR licensed ORVs that are not street legal to connect loops. In other areas, the DNR has sought to acquire corridors for state ownership to connect trail loops and to facilitate other trail activities such as snowmobiling. Please rate your support or opposition concerning each of the following options by checking (v) your choice and explaining your rating.

Alternatives	Strongly support	Support	Oppose	Strongly oppose	Not sure
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Why this rating?					
Gain permission for non-street legal ORVs to use county road rights-of-way where no public trail alternatives are available for MCCCT re-routes					
Why this rating?					
Eliminate MCCCT connections that are now illegal for non-street legal ORVs					
Why this rating?					

17. If your department was able to increase its state ORV enforcement grant funding allocation by 10%, how would you use those additional funds to enhance ORV safety?

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If you have any other comments about the Michigan ORV Program, please write them below.  
 Thanks for your assistance.

**State Off-Highway Vehicle (OHV)/Off-Road Vehicle (ORV) Coordinator Survey**

1. What state do you represent? \_\_\_\_\_
2. What agency in your state has primary responsibility for OHV/ORV management?

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3. Does your state have a state OHV/ORV plan?    ? Yes    ? No (Go to Q 4)  
 If yes, in what year was the most recent version approved? \_\_\_\_\_  
 If yes, is it posted on your state website? ? Yes    ? No  
 If yes, what is the website address? \_\_\_\_\_  
*If no, please mail a copy to Dr. Chuck Nelson, 131 Natural Resources Building, MSU, E. Lansing, MI 48824. Michigan is updating its 1979 plan.*

**OHV/ORV Safety Education**

4. Does your state have a safety education program?    ? Yes    ? No (If no go to Q 11)
5. Is this safety education program mandatory for any group of people (e.g. age related, violation related, etc.)?    ? Yes    ? No  
 If yes, for which group or groups? \_\_\_\_\_

- 
6. Does your safety education program use a standardized course? ? Yes    ? No  
 If yes, what is the standardized course? \_\_\_\_\_  
*Please mail a copy to Dr. Chuck Nelson, 131 Natural Resources Building, MSU, E. Lansing, MI 48824.*

7. What is the minimum number of education hours for student certification? \_\_\_\_\_#

8. Please complete the following table about your state's OHV/ORV safety education.

<b>Year</b>	<b># students enrolled</b>	<b># students certified</b>	<b>Approx. % students certified over 17 years of age</b>	<b># of certified instructors active</b>
1994				
1995				
1996				
1997				
1998				
1999				
2000				
2001				
2002				
2003				

9. Are instructors volunteers or paid for teaching? ? Volunteers ? Paid Wages ? Both

If wages, is there a minimum or maximum allowable wage/hour? ? Yes ? No

Minimum/hour = \$ \_\_\_\_\_ Maximum/hour = \$ \_\_\_\_\_

If reimbursement, is there a minimum or maximum/student? ? Yes ? No

Minimum/student=\$ \_\_\_\_\_ Maximum/student=\$ \_\_\_\_\_

10. What are the education program components? Who accomplishes/administers them?

<b>Program Components</b>	<b>None (N), Optional(O) or Mandatory (M)</b>	<b>If O or M, who accomplishes? Please list (e.g. Volunteers)</b>	<b>If O or M, who administers? Please list (e.g. DNR Law Enforcement Division)</b>
Instructor training			
Instructor certification			
Classroom instruction focused on applicable laws			
Classroom instruction focused on safety			
Standardized written test for student certification			
“Hands-on” riding education			
“Hands-on” riding test for student certification			

**Public OHV/ORV Riding Opportunities and Program**

11. Are there public land OHV/ORV riding opportunities in your state? ? Yes ? No

If yes, please list the approx. % of total riding opportunities provided by each:

Local government \_\_\_\_\_ %  
 State government \_\_\_\_\_ %  
 Federal government \_\_\_\_\_ %  
 Total \_\_\_\_\_ 100 \_\_\_\_\_ %

12. If yes, please check (v) the **ONE** statement that best characterizes public land riding opportunities in your state:

- Closed unless posted open \_\_\_\_\_
- Open unless posted closed \_\_\_\_\_

13. Is there a designated public trail/area system? ? Yes ? No (If No go to Q 15)

- If yes, how many miles are: # \_\_\_\_\_ Motorcycle only trail (Less than 50" max.)  
 # \_\_\_\_\_ ATV & Motorcycle trail (50" max.)  
 # \_\_\_\_\_ Cycle, ATV & Full size (Usable by truck, etc.)  
 # \_\_\_\_\_ Total miles (even if can't breakdown as above)

13a. Are there public, designated motor sports/scramble areas? ? Yes ? No

If yes, how many are there? # \_\_\_\_\_ How many acres do they encompass? # \_\_\_\_\_

14. Who physically maintains the designated system? Please check (v) all that apply.

- \_\_\_\_\_ Non-profit org./volunteers
- \_\_\_\_\_ For-profit contractors
- \_\_\_\_\_ State agency(s)
- \_\_\_\_\_ Federal agency(s)
- \_\_\_\_\_ Local agency(s)
- \_\_\_\_\_ Others (list \_\_\_\_\_)

15. Is there an OHV/ORV damage restoration program for public lands? ? Yes ? No

If yes, who physically accomplishes the damage restoration? Please check (v) all that apply.

- \_\_\_\_\_ Non-profit org./volunteers
- \_\_\_\_\_ For-profit contractors
- \_\_\_\_\_ State agency(s)
- \_\_\_\_\_ Federal agency(s)
- \_\_\_\_\_ Local agency(s)
- \_\_\_\_\_ Others (list \_\_\_\_\_)

**OHV/ORV Registration/Licensing, Fatal Accidents and Law Enforcement Trends**

16. Please complete the table about registration, fatal accidents and enforcement in your state. Use N=None and NA=Not Available if appropriate

Year	# OHV/ORV Licenses/Registrations	# OHV/ORV Fatalities	# OHV/ORV Citations issued by state
1994			
1995			
1996			
1997			
1998			
1999			
2000			
2001			
2002			
2003			

17. Does your registration/licensing include non-residents riding in your state whose OHV/ORV may be registered or licensed in another state? ? Yes ? No ? No reg./lic.

18. Does your OHV/ORV registration/licensing allow you to distinguish (v those distinguishable) one type of registered OHV/ORV from another:

\_\_\_\_\_Motocross (non-street licensed) motorcycles \_\_\_\_\_ATVs  
\_\_\_\_\_Dual purpose (street licensed) motorcycles \_\_\_\_\_ Street licensed truck/SUV

19. To the best of your knowledge, what is the most common OHV/ORV citation issued in your state?

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20. Has your state compiled information on OHV/ORV fatalities? ? Yes ? No (If no Please check (v) all that apply. go to Q 21)

- \_\_\_\_\_ Location (e.g. on trail, on roadway, etc.)
- \_\_\_\_\_ Type and number of vehicle(s) involved (ATV, car, etc.)
- \_\_\_\_\_ Cause(s) of accident (e.g. excessive speed, etc.)
- \_\_\_\_\_ Demo graphic characteristics of victim(s) (e.g. gender, etc.)
- \_\_\_\_\_ Was anyone charged with a misdemeanor or felony for their role in the accident?

If there is a report available, is it posted on your state website? ? Yes ? No

If yes, what is the website address? \_\_\_\_\_

*If it is not posted, please mail a copy to Dr. Chuck Nelson, 131 Natural Resources Building, MSU, E. Lansing, MI 48824. Currently, Michigan does not have OHV/ORV fatality statistics fully compiled but is in the process of doing so.*

### Conclusion

21. Has a statewide study of OHV/ORV use/users been done in your state? ? Yes ? No

If yes, is it posted on your state website? ? Yes ? No

If yes, what is the website address? \_\_\_\_\_

*If it is not posted, please mail a copy to Dr. Chuck Nelson, 131 Natural Resources Building, MSU, E. Lansing, MI 48824. MI has done 3 statewide studies in the past 27 years. Please see [www.michigan.gov/dnr](http://www.michigan.gov/dnr) for (Nelson, et al. 2000). Click on recreation and camping then on ORV/ATV. For a 25-year analysis of trends, see Nelson, C. and Lynch, J. (2001). Trends in OHV Use, Users, Regulations and Trails in Michigan: 1975-2000. *in* Trends 2000: Shaping the Future 5<sup>th</sup> Outdoor Recreation and Trends Symposium, Dept. Park, Recreation and Tourism Resources, Michigan State University: East Lansing.*

If you have any additional comments, please provide them here or on another sheet.  
Thanks.