

**Table 12 - Transportation Management Implementation Plan Elements and Draft Schedule**

<b>Plan Elements</b>	<b>NPS Category Elements</b>	<b>Target/ Milestone</b>	<b>Completion Dates</b>
1. stakeholders	County Road Commissions, MDOT, all cities in watershed, NRCS, APAs, Conservation Districts, Drain Commissioners, RC&Ds, Contractors, Residential Builders & Commercial Developers, Sheriff and deputies	- Meet in May 2002/June 2002  - Continue to meet as needs dictate for desired results	May 2002  Ongoing
2. regulations	- CWA, Part 91, NREPA, 301, Phase I and Phase II Storm Water Regulations - Kal. Co. does not allow direct discharge from sites to roadways (indirect OK) - Local policies for erosion control on roadsides; less than laws but enough to go to court with a stop-action if needed,		May 2002  May 2002  May 2002
3. goals	- Sediment and storm water reductions from transportation infrastructure to flowing waters (recognize phosphorus link) - Improve techniques to reduce sediment on roads stemming from sites of less than one acre (BMPs) - Use of enforcement officers when warranted to achieve appropriate result - Raise standards for Road Commission employees, contractors and others in "leadership positions" - DO IT RIGHT the first time and every time - Where possible, improve public interface and how people are treated - Procedures for maintenance and retrofit of older designs - Technical training session for commissioners	Held within one year	Throughout study  Ongoing  Ongoing  Ongoing  Ongoing  June 2004  June 2003

<p>4a. ongoing efforts</p>	<ul style="list-style-type: none"> <li>- Routine operations and maintenance</li> <li>- Existing watershed management plans</li> <li>- Upstream scouring of bridges, all being rip-rapped in Calhoun Co.</li> <li>- Gun River watershed study, Calhoun Co., City of Portage &amp; other projects have completed or are now inventorying all road crossings</li> <li>- Drain Commissioners and Townships often prepare list of all road crossings in some counties</li> <li>- Three bridge replacements funded &amp; scheduled in Allegan Co.</li> <li>- Albion College preparing Rice Creek inventory</li> <li>- Battle Creek Watershed project (Charlotte to Kalamazoo River) targeted to start June 1, 2002</li> <li>- MDEQ compliance and enforcement</li> <li>- In Kazoo Co. all curbed streets swept 2x/year; all catch basins done at least once per 3 years (some hot spots done 3x/year); Calhoun Co. similar-have own Vector truck</li> </ul>	<p>Complete all</p> <p>All findings reported</p>    <p>Complete all</p>	<p>Ongoing</p> <p>?</p> <p>2003-2004</p> <p>Ongoing</p> <p>?</p> <p>?</p> <p>?</p> <p>Ongoing as needed</p> <p>Ongoing</p>
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9. accountability structure	<ul style="list-style-type: none"> <li>- Road Commission responsible for outfalls to rivers and streams</li> <li>- As part of approval process in Allegan Co., any storm water from a platted development becomes a County Drain (Calhoun Co. ordinance going in same direction)</li> <li>- MDOT controls most river crossings in Allegan Co.</li> <li>- Phase II permitting</li> <li>- APA inspections</li> </ul>	(IP)  (IP)	
10. reporting		- Annual report  (IP)	
11. timeline		(IP) - Annual updates	May 2002
12. tracking	<ul style="list-style-type: none"> <li>- Tracking systems on paper now</li> <li>- Tracking in urban zones are major Phase II activity</li> <li>- Coordination of efforts between Drain Commissioners and Road Commissioners where not in effect</li> <li>- Publicly accessible on-line database</li> </ul>	(IP)	Ongoing
13. monitoring	<ul style="list-style-type: none"> <li>- MDEQ Stream Crossing Watershed Surveys (average 30% of crossings, once/5 years)</li> <li>- Individual activities of County Road Commissions</li> <li>- County Soil Erosion Agents</li> <li>- Publicly accessible on-line database</li> </ul>		
14. contingency plan		(IP) - Strategy  - Strategy  - Strategy	May 2002 March 2003  March 2004  March 2005
15. updating strategy	- through TMDL committee/authority (timing of reports/reviews/updates...yearly, 5 years)	- Annual Reports - 5-year permit cycle	(December)  Dec. 2004