

APPENDIX D

LITERATURE REVIEW DATABASE

CMS Operations

No.	Item	Subject/Title	Link	Source	Date	Author	Brief Summary
1	Memo	Use of Changeable Message Sign (CMS)	http://www.fhwa.dot.gov/legsregs/directives/policy/pame.htm	FHWA	1/19/01	Christine Johnson	Calls for adherence to MUTCD, Discourages use of CMS other than for traffic management
2	Memo	AMBER Alert Use of Changeable Message Sign (CMS)	http://www.fhwa.dot.gov/legsregs/directives/policy/ambermemo.htm	FHWA	8/18/02	Jeff Paniati	Touches on FHWA Policies in place that relate to Amber Alert info Dissemination
3	Memo	Use of Changeable Message Signs (CMS) for Emergency Security Messages	http://www.fhwa.dot.gov/legsregs/directives/policy/securmemo.htm	FHWA	3/21/03	Jeff Paniati	
4	Doc	Changeable Message Sign Operation and Messaging	http://tmcps.ops.fhwa.dot.gov/cfprojects/new_detail.cfm?id=25&new=0	FHWA TMC Pooled Fund Study	Fall 2003		
5	Doc	Guidelines for the Use of Permanent Variable Message Signs	http://tmcps.ops.fhwa.dot.gov/cfprojects/uploaded_files/vms%20guidelines1.doc	AZDOT Report	March 2002	Manny Agah, P.E.	
6	Doc	Virginia's "AMBER Alert" Plan	http://www.vachiefs.org/vacp/alerts/amber_alert/DRAFT_amber_alert_plan.doc	VA. Chiefs	9/24/02		Very informative, has VMS message examples, as well as other recommended message formats for e-mail, etc
7	WEB	Maryland AMBER Plan	http://www.mdamberplan.com/activation/	Maryland	2003	State of Maryland	Sparse for details, but does have a decent web format. Just needs to beef up the content.
8	COM	Skyline AMBER Alert Case Study	http://www.skylineproducts.com/ts_amber.htm	Skyline DMS	Feb 2003	Skyline DMS	Not too slanted towards a sales pitch and give good general overview of process in TX.
9	ORG	TMDD Website – TxDOT Information	http://www.tmdd.org/AcceleratedMessageSets/Drafts/July%2008,%202003/TMDDMessageReviewGuide.doc	TMDD Website	6/27/03	DalTtans	Mostly TMDD format and communications standards, but informative for DMS message control
10	COM	Skyline – Message Effectiveness Tool	www.skylineproducts.com	Skyline DMS	Feb 2003	Hansen / Searing	Identifies common practices, and provides some sound recommendations for message set development
11	STATE	North Dakota Amber Program	http://www.governor.state.nd.us/media/news-	North Dakota	2/6/03	North Dakota	One page overview of how the system works, including DOT's role in DMS

No.	Item	Subject/Title	Link	Source	Date	Author	Brief Summary
			releases/2003/02/docs/030206a.pdf				operations.
12	EDU	Improving DMS Operations – Project Summary Report	http://tti.tamu.edu/product/catalog/reports/1882-S.pdf	TTI	2001	TTI	Provides good general comments for developing successful DMS messages/message sets.
13	EDU	Researchers Study Changeable Message Format (Article in Tx. Trans Researcher)	http://tti.tamu.edu/researcher/v37n2/changeable_message.stm	TTI	2001	TTI	Decent recommendations for message set development
14	REP	Uniform Traffic Control and Warning Messages for Portable Changeable Message Signs	http://www.fhwa.dot.gov/tfhrc/safety/pubs/95173/95173.PDF	FHWA	March 1996	Center for Applied Research	Short summary of the full document (need to obtain) that provides general message development guidance
15	REP	Portable CMS Message Signing Practices	http://www.tfhrc.gov/humanfac/01103/ch4.htm#b	FHWA	May 2001	FHWA	From Highway Design Handbook for Older Drivers and Peds, provides older guidance on message set develop.
16	DOC	Guidelines for Changeable Message Sign Messages: A White Paper	www.tti.tamu.edu	TTI	Dec 2002	Conrad L. Dudek	Comprehensive review of latest practices
17	REP	Synthesis on the Legibility of VMS Messages for Readers with Vision Loss	http://www.access-board.gov/research&training/VMS/finalreport.htm	PTI	May 14, 2002	Philip M. Garvey	Although aimed at drivers with vision impairments, there is useful data on character sizes, message formats, etc
18	REP	I-81 Corridor Variable Message Signs Policy and Guidelines	http://www.virginiadot.org/projects/resources/VMSguide.pdf	VDOT	March 12, 2003	Smart Travel	Good set of examples for message development for AMBER as well as other sign type situations
19	STATE	Operational Guidelines for the use of Changeable Message Signs	http://www.doh.dot.state.nc.us/precnstruct/traffic/congestion/docs/cmsopera.pdf	North Carolina DOT	July 15, 1999	NCDOT	Good overall information for message /message set development and sign operations
20	STATE	Guidelines for the Operations of Variable Message Signs on State Highways	http://www.odot.state.or.us/traffic/PDF/Variable_Message_Signs/VMS(March2002).pdf	Oregon DOT	March 2002	ODOT	Good overall information for message /message set development and sign operations
21	STATE	Guidelines for the Operations of Portable VMS on State Highways	http://www.odot.state.or.us/traffic/PDF/Variable_Message_Signs/PVMS(Mar2002).pdf	Oregon DOT	March 2002	ODOT	Good overall information for message /message set development and sign operations
22	FED	Freeway Management Handbook – Chapter 7 – Update Draft	http://ops.fhwa.dot.gov/Travel/traffic/freeway_management_handbook/Mod7cd.pdf	FHWA	8/8/03	FHWA	Current update to the Freeway Management Handbook, Chapter 7, Information Dissemination

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			ndbook/Mod7cd.pdf				Information Dissemination
23	DOC	Incident Management – Changeable Message Sign Deployment Guidelines	http://www.matc.unl.edu/research/images/IncidentManagement1.pdf	Nebraska Department of Roads	1999	University of Nebraska	Report has several valuable sections, including information on message development, content, etc.
24	DOC	Guidelines for Changeable Message Sign (CMS) Use	http://www.dot.state.mn.us/traffic/otepubl/cms-use/cms-use-guidelines.pdf	MnDOT	9/15/2000	MnDOT	Several entries that detail message sign usage, and message development.

HAR Operations

No.	Item	Subject/Title	Link	Source	Date	Author	Brief Summary
1.	STATE	Virginia Department of Transportation HAR Operational Guidelines	http://ntl.bts.gov/data/Har.pdf	Virginia DOT	August 1995	VDOT	
2.	STATE	Guidelines for the Operation of Highway Advisory Radio on State Highways	http://www.odot.state.or.us/traffic/PDF/General/HAR(Jan2002).pdf	Oregon DOT	January 2002	ODOT	
3	STATE	Highway Advisory Radio Operational Guidelines	http://www.dot.state.ny.us/reg/r10/har.html	New York State DOT	August 2003	NYSDOT	

Combined HAR and CMS/Amber Alert Operations

No.	Item	Subject/Title	Link	Source	Date	Author	Brief Summary
1.	DOC	VMS/HAR State of the Practice Working Paper	http://www.gcmpic.ai.uic.edu/doc/tech_doc/MMTIS/19840.PDF	Gary-Chicago-Milwaukee	May 1997	HNTB	
2.	DOC	AMBER Alert VMS/HAR/WEB Policy	http://www.washtox.org/files/CDOT-amber%20alert-TMS-conference.doc	Colorado DOT	Jan 2003	CDOT	A brief but concise one page policy statement that covers procedures for VMS/HAR/WEB
3	DOC	AMBER Alert Worksheet	http://www.washtox.org/files/CDOT-AMBER%20chklist-TMS-conf.doc	Colorado DOT	Jan 2003	CDOT	A one page summary of tasks to complete in the event of an AMBER Alert
4	WEB	Washington State Statewide AMBER Plan	http://emd.wa.gov/6-rr/com/amber/05-ambr-act-proc.htm	Washington State	December 1, 2003	WSDOT	
5	DOC	South Carolina AMBER Alert Overview	http://www.scba.net/amberalert.pdf	South Carolina DOT	November 14, 2003	SCDOT	
6	DOC	NYSDOT Policy and		NYSDOT	4/22/03	NYSDOT	

No.	Item	Subject/Title	Link	Source	Date	Author	Brief Summary
		Implementation Guidelines- Use of Variable Message Signs and Highway Advisory Radio for Amber Alerts – Final DRAFT					
7	DOC	Wisconsin AMBER ALERT Policy		Wisconsin DOT	October 2003	Wisconsin DOT	

Other Miscellaneous Documents

No.	Item	Subject/Title	Source	Link
1.	DOC	Amber Plan Program Support Assistance; Request for Applications	FHWA	http://ops.fhwa.dot.gov/Travel/ambersol.htm
2.	DOC	An AMBER Alert National System - Senate Hearing	FED	http://a257.g.akamaitech.net/7/257/2422/03jul20031230/www.access.gpo.gov/congress/senate/pdf/107hrg/87718.pdf
3	DOC	California State AMBER Alert Manual	STATE	http://caag.state.ca.us/missing/pdf/amberman.pdf