

SHEET 13
TRAFFIC DATA FILES
TRANSMITTAL FORM

STATE
STATE CODE

[MICHIGAN]
[26]

FILENAME	START DATE mm/dd/yy	START TIME hh:mm	END DATE mm/dd/yy	END TIME hh:mm	CLASS SCHEME.
✓ C264015.C1K	01/01/10	00:00	01/31/10	23:59	FHWA
✓ W264015.C1K	01/01/10	00:00	01/31/10	23:59	FHWA
✓ C260900.C1K	01/01/10	00:00	01/31/10	23:59	FHWA
✓ W260900.C1K	01/01/10	00:00	01/31/10	23:59	FHWA
✓ C269029.C1K	01/01/10	00:00	01/31/10	23:59	FHWA
✓ W269029.C1K	01/01/10	00:00	01/31/10	23:59	FHWA
✓ C260200.C1K	01/01/10	00:00	01/31/10	23:59	FHWA
✓ W260200.C1K	01/01/10	00:00	01/31/10	23:59	FHWA
✓ C260100.C1K	01/01/10	00:00	01/31/10	23:59	FHWA
✓ W260100.C1K	01/01/10	00:00	01/31/10	23:59	FHWA
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NAME OF PREPARER JAMES KRAMER PHONE# (517) 322-1716

DATE PREPARED 02-03-2010

SHEET 13
TRAFFIC DATA FILES
TRANSMITTAL FORM

STATE
STATE CODE

[MICHIGAN]
[26]

FILENAME	START DATE mm/dd/yy	START TIME hh:mm	END DATE mm/dd/yy	END TIME hh:mm	CLASS SCHEME.
C264015.D1K ✓	02/01/10	00:00	02/28/10	23:59	FHWA
W264015.D1K ✓	02/01/10	00:00	02/28/10	23:59	FHWA
C260900.D1K ✓	02/01/10	00:00	02/28/10	23:59	FHWA
W260900.D1K ✓	02/01/10	00:00	02/28/10	23:59	FHWA
C269029.D1K ✓	02/01/10	00:00	02/28/10	23:59	FHWA
W269029.D1K ✓	02/01/10	00:00	02/28/10	23:59	FHWA
C260200.D1K ✓	02/01/10	00:00	02/28/10	23:59	FHWA
W260200.D1K ✓	02/01/10	00:00	02/28/10	23:59	FHWA
C260100.D1K ✓	02/01/10	00:00	02/28/10	23:59	FHWA
W260100.D1K ✓	02/01/10	00:00	02/28/10	23:59	FHWA
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NAME OF PREPARER JAMES KRAMER PHONE# (517) 322-1716
DATE PREPARED 03-08-2010

SHEET 13
TRAFFIC DATA FILES
TRANSMITTAL FORM

STATE
STATE CODE

[MICHIGAN]
[26]

FILENAME	START DATE mm/dd/yy	START TIME hh:mm	END DATE mm/dd/yy	END TIME hh:mm	CLASS SCHEME.
✓ C264015.E1K	03/01/10	00:00	03/31/10	23:59	FHWA
✓ W264015.E1K	03/01/10	00:00	03/31/10	23:59	FHWA
✓ C260900.E1K	03/01/10	00:00	03/31/10	23:59	FHWA
✓ W260900.E1K	03/01/10	00:00	03/31/10	23:59	FHWA
✓ C269029.E1K	03/01/10	00:00	03/31/10	23:59	FHWA
✓ W269029.E1K	03/01/10	00:00	03/31/10	23:59	FHWA
✓ C260200.E1K	03/01/10	00:00	03/31/10	23:59	FHWA
✓ W260200.E1K	03/01/10	00:00	03/11/10	23:59	FHWA
✓ C260100.E1K	03/01/10	00:00	03/31/10	23:59	FHWA
✓ W260100.E1K	03/01/10	00:00	03/31/10	23:59	FHWA
					FHWA
					FHWA
					FHWA
					FHWA

NAME OF PREPARER JAMES KRAMER PHONE# (517) 322-1716

DATE PREPARED 04-05-2010

SHEET 13
TRAFFIC DATA FILES
TRANSMITTAL FORM

STATE
STATE CODE

[MICHIGAN]
[26]

FILENAME	START DATE mm/dd/yy	START TIME hh:mm	END DATE mm/dd/yy	END TIME hh:mm	CLASS SCHEME.
C264015.F1K ✓	04/01/10	00:00	04/30/10	23:59	FHWA
W264015.F1K ✓	04/01/10	00:00	04/30/10	23:59	FHWA
C260900.F1K ✓	04/01/10	00:00	04/30/10	23:59	FHWA
W260900.F1K ✓	04/01/10	00:00	04/30/10	23:59	FHWA
C269029.F1K ✓	04/01/10	00:00	04/30/10	23:59	FHWA
W269029.F1K ✓	04/01/10	00:00	04/30/10	23:59	FHWA
C260200.F1K ✓	04/01/10	00:00	04/30/10	23:59	FHWA
W260200.F1K ✓	04/11/10	23:00	04/12/10	00:59	FHWA
C260100.F1K ✓	04/01/10	00:00	04/30/10	23:59	FHWA
W260100.F1K ✓	04/01/10	00:00	04/23/10	23:59	FHWA
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NAME OF PREPARER JAMES KRAMER PHONE# (517) 322-1716

DATE PREPARED 05-05-2010

SHEET 13
TRAFFIC DATA FILES
TRANSMITTAL FORM

STATE
STATE CODE

[MICHIGAN]
[26]

FILENAME	START DATE mm/dd/yy	START TIME hh:mm	END DATE mm/dd/yy	END TIME hh:mm	CLASS SCHEME.
C264015.G1K✓	05/01/10	00:00	05/31/10	23:59	FHWA
W264015.G1K✓	05/01/10	00:00	05/31/10	23:59	FHWA
C260900.G1K✓	05/01/10	00:00	05/31/10	23:59	FHWA
W260900.G1K✓	05/01/10	00:00	05/05/10	23:59	FHWA
C269029.G1K✓	05/01/10	00:00	05/31/10	23:59	FHWA
W269029.G1K✓	05/01/10	00:00	05/31/10	23:59	FHWA
C260200.G1K✓	05/01/10	00:00	05/31/10	23:59	FHWA
W260200.G1K✓	05/12/10	00:00	05/31/10	23:59	FHWA
C260100.G1K✓	05/01/10	00:00	05/31/10	23:59	FHWA
W260100.G1K✓	05/23/10	23:00	05/24/10	00:59	FHWA
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NAME OF PREPARER JAMES KRAMER PHONE# (517) 322-1716
DATE PREPARED 07-20-2010

SHEET 13
TRAFFIC DATA FILES
TRANSMITTAL FORM

STATE
STATE CODE

[MICHIGAN]
[26]

FILENAME	START DATE mm/dd/yy	START TIME hh:mm	END DATE mm/dd/yy	END TIME hh:mm	CLASS SCHEME.
C264015.H1K✓	06/01/10	00:00	06/30/10	23:59	FHWA
W264015.H1K✓	06/01/10	00:00	06/30/10	23:59	FHWA
C260900.H1K✓	06/01/10	00:00	06/30/10	23:59	FHWA
W260900.H1K✓	06/06/10	00:00	06/30/10	23:59	FHWA
C269029.H1K✓	06/01/10	00:00	06/30/10	23:59	FHWA
W269029.H1K✓	06/01/10	00:00	06/30/10	23:59	FHWA
C260200.H1K✓	06/01/10	00:00	06/30/10	23:59	FHWA
W260200.H1K✓	06/01/10	00:00	06/30/10	23:59	FHWA
C260100.H1K✓	06/01/10	00:00	06/30/10	23:59	FHWA
W260100.H1K✓	06/17/10	07:00	06/30/10	23:59	FHWA
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NAME OF PREPARER JAMES KRAMER PHONE# (517) 322-1716

DATE PREPARED 07-20-2010

SHEET 13
TRAFFIC DATA FILES
TRANSMITTAL FORM

STATE
STATE CODE

[MICHIGAN]
[26]

FILENAME	START DATE mm/dd/yy	START TIME hh:mm	END DATE mm/dd/yy	END TIME hh:mm	CLASS SCHEME.
C264015.I1K✓	07/01/10	00:00	07/31/10	23:59	FHWA
W264015.I1K✓	07/01/10	00:00	07/31/10	23:59	FHWA
C260900.I1K✓	07/01/10	00:00	07/31/10	23:59	FHWA
W260900.I1K✓	07/01/10	00:00	07/31/10	23:59	FHWA
C269029.I1K✓	07/01/10	00:00	07/31/10	23:59	FHWA
W269029.I1K✓	07/01/10	00:00	07/31/10	23:59	FHWA
C260200.I1K✓	07/01/10	00:00	07/31/10	23:59	FHWA
W260200.I1K✓	07/01/10	00:00	07/22/10	23:59	FHWA
C260100.I1K✓	07/01/10	00:00	07/31/10	23:59	FHWA
W260100.I1K✓	07/01/10	00:00	07/31/10	23:59	FHWA
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NAME OF PREPARER JAMES KRAMER PHONE# (517) 322-1716

DATE PREPARED 08-09-2010

SHEET 13
TRAFFIC DATA FILES
TRANSMITTAL FORM

STATE
STATE CODE

[MICHIGAN]
[26]

FILENAME	START DATE mm/dd/yy	START TIME hh:mm	END DATE mm/dd/yy	END TIME hh:mm	CLASS SCHEME.
C264015.J1K ✓	08/01/10	00:00	08/31/10	23:59	FHWA
W264015.J1K ✓	08/01/10	00:00	08/31/10	23:59	FHWA
C260900.J1K ✓	08/01/10	00:00	08/31/10	23:59	FHWA
W260900.J1K ✓	08/01/10	00:00	08/31/10	23:59	FHWA
C269029.J1K ✓	08/01/10	00:00	08/31/10	23:59	FHWA
W269029.J1K ✓	08/01/10	00:00	08/31/10	23:59	FHWA
C260200.J1K ✓	08/01/10	00:00	08/31/10	23:59	FHWA
W260200.J1K ✓	08/09/10	09:00	08/31/10	23:59	FHWA
C260100.J1K ✓	08/01/10	00:00	08/31/10	23:59	FHWA
W260100.J1K ✓	08/01/10	00:00	08/31/10	23:59	FHWA
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NAME OF PREPARER JAMES KRAMER PHONE# (517) 322-1716

DATE PREPARED 09-02-2010

SHEET 13
TRAFFIC DATA FILES
TRANSMITTAL FORM

STATE
STATE CODE

[MICHIGAN]
[26]

FILENAME	START DATE mm/dd/yy	START TIME hh:mm	END DATE mm/dd/yy	END TIME hh:mm	CLASS SCHEME.
✓ C264015.K1K	09/01/10	00:00	09/30/10	23:59	FHWA
✓ W264015.K1K	09/01/10	00:00	09/30/10	23:59	FHWA
✓ C260900.K1K	09/01/10	00:00	09/30/10	23:59	FHWA
✓ W260900.K1K	09/01/10	00:00	09/30/10	23:59	FHWA
✓ C269029.K1K	09/01/10	00:00	09/30/10	23:59	FHWA
✓ W269029.K1K	09/01/10	00:00	09/30/10	23:59	FHWA
✓ C260200.K1K	09/01/10	00:00	09/30/10	23:59	FHWA
✓ W260200.K1K	09/01/10	00:00	09/30/10	23:59	FHWA
✓ C260100.K1K	09/01/10	00:00	09/30/10	23:59	FHWA
✓ W260100.K1K	09/01/10	00:00	09/30/10	23:59	FHWA
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NAME OF PREPARER JAMES KRAMER PHONE# (517) 322-1716

DATE PREPARED 10-18-2010

SHEET 13
TRAFFIC DATA FILES
TRANSMITTAL FORM

STATE
STATE CODE

[MICHIGAN]
[26]

FILENAME	START DATE mm/dd/yy	START TIME hh:mm	END DATE mm/dd/yy	END TIME hh:mm	CLASS SCHEME.
✓ C264015.L1K	10/01/10	00:00	10/31/10	23:59	FHWA
✓ W264015.L1K	10/01/10	00:00	10/31/10	23:59	FHWA
✓ C260900.L1K	10/01/10	00:00	10/31/10	23:59	FHWA
✓ W260900.L1K	10/01/10	00:00	10/31/10	23:59	FHWA
✓ C269029.L1K	10/01/10	00:00	10/31/10	23:59	FHWA
✓ W269029.L1K	10/01/10	00:00	10/31/10	23:59	FHWA
✓ C260200.L1K	10/01/10	00:00	10/31/10	23:59	FHWA
✓ W260200.L1K	10/01/10	00:00	10/31/10	23:59	FHWA
✓ C260100.L1K	10/01/10	00:00	10/31/10	23:59	FHWA
✓ W260100.L1K	10/01/10	00:00	10/31/10	23:59	FHWA
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NAME OF PREPARER JAMES KRAMER PHONE# (517) 322-1716
DATE PREPARED 11-01-2010

SHEET 13
TRAFFIC DATA FILES
TRANSMITTAL FORM

STATE
STATE CODE

[MICHIGAN]
[26]

FILENAME	START DATE mm/dd/yy	START TIME hh:mm	END DATE mm/dd/yy	END TIME hh:mm	CLASS SCHEME.
C264015.M1K✓	11/01/10	00:00	11/30/10	23:59	FHWA
W264015.M1K✓	11/01/10	00:00	11/30/10	23:59	FHWA
C260900.M1K✓	11/01/10	00:00	11/30/10	23:59	FHWA
W260900.M1K✓	11/01/10	00:00	11/30/10	23:59	FHWA
C269029.M1K✓	11/01/10	00:00	11/30/10	23:59	FHWA
W269029.M1K✓	11/01/10	00:00	11/30/10	23:59	FHWA
C260200.M1K✓	11/01/10	00:00	11/30/10	23:59	FHWA
W260200.M1K✓	11/01/10	00:00	11/30/10	23:59	FHWA
C260100.M1K✓	11/01/10	00:00	11/30/10	23:59	FHWA
W260100.M1K✓	11/01/10	00:00	11/30/10	23:59	FHWA
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NAME OF PREPARER JAMES KRAMER PHONE# (517) 322-1716

DATE PREPARED 12-06-2010

SHEET 13
TRAFFIC DATA FILES
TRANSMITTAL FORM

STATE
STATE CODE

[MICHIGAN]
[26]

FILENAME	START DATE mm/dd/yy	START TIME hh:mm	END DATE mm/dd/yy	END TIME hh:mm	CLASS SCHEME.
✓ C264015.N1K	12/01/10	00:00	12/31/10	23:59	FHWA
✓ W264015.N1K	12/01/10	00:00	12/31/10	23:59	FHWA
✓ C260900.N1K	12/01/10	00:00	12/31/10	23:59	FHWA
✓ W260900.N1K	12/01/10	00:00	12/31/10	23:59	FHWA
✓ C269029.N1K	12/01/10	00:00	12/31/10	23:59	FHWA
✓ W269029.N1K	12/01/10	00:00	12/31/10	23:59	FHWA
✓ C260200.N1K	12/01/10	00:00	12/31/10	23:59	FHWA
✓ W260200.N1K	12/01/10	00:00	12/31/10	23:59	FHWA
✓ C260100.N1K	12/01/10	00:00	12/31/10	23:59	FHWA
✓ W260100.N1K	12/01/10	00:00	12/31/10	23:59	FHWA
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NAME OF PREPARER JAMES KRAMER PHONE# (517) 322-1716

DATE PREPARED 01-03-2011

ENTERED NOV 11 2010

SHEET 16 LTPP MONITORED TRAFFIC DATA SITE CALIBRATION SUMMARY	*STATE ASSIGNED ID	[131]
	*STATE CODE	[26]
	*SHRP SECTION ID	[0900]

SITE CALIBRATION INFORMATION

- * DATE OF CALIBRATION (MONTH/DAY/YEAR) [10/18/2010]
- * TYPE OF EQUIPMENT CALIBRATED ☒ WIM ☐ CLASSIFIER ☐ BOTH
- * REASON FOR CALIBRATION
☒ REGULARLY SCHEDULED SITE VISIT ☐ RESEARCH
☐ EQUIPMENT REPLACEMENT ☐ TRAINING
☐ DATA TRIGGERED SYSTEM REVISION ☐ NEW EQUIPMENT INSTALLATION
☐ OTHER (SPECIFY) _____
- * SENSORS INSTALLED IN LTPP LANE AT THIS SITE (CHECK ALL THAT APPLY):
☐ BARE ROUND PIEZO CERAMIC ☐ BARE FLAT PIEZO ☐ BENDING PLATES
☐ CHANNELIZED ROUND PIEZO ☐ LOAD CELLS ☒ QUARTZ PIEZO
☐ CHANNELIZED FLAT PIEZO ☒ INDUCTANCE LOOPS ☐ CAPACITANCE PADS
☐ OTHER (SPECIFY) _____
- EQUIPMENT MANUFACTURER PAT

WIM SYSTEM CALIBRATION SPECIFICS**

- ** CALIBRATION TECHNIQUE USED:
☐ TRAFFIC STREAM - ☐ STATIC SCALE (Y/N) ☒ TEST TRUCKS
☐ NUMBER OF TRUCKS COMPARED 1 NUMBER OF TEST TRUCKS USED
21 PASSES PER TRUCK

TRUCK	TYPE	SUSPENSION
1	9	1
2		
3		

TYPE PER FHWA 13 BIN SYSTEM
 SUSPENSION: 1 - AIR; 2 - LEAF SPRING
 3 - OTHER (DESCRIBE) _____
- SUMMARY CALIBRATION RESULTS (EXPRESSED AS A PERCENT)
 MEAN DIFFERENCE BETWEEN -
 DYNAMIC AND STATIC GVW 2.4 STANDARD DEVIATION 1.4
 DYNAMIC AND STATIC SINGLE AXLES 3.6 STANDARD DEVIATION 1.9
 DYNAMIC AND STATIC DOUBLE AXLES 1.9 STANDARD DEVIATION 2.0
- 3 NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED
- DEFINE THE SPEED RANGES USED (MPH) 45 55 65
- CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) 83.0
- ** IS AUTO-CALIBRATION USED AT THIS SITE? (Y/N) _____
 IF YES, LIST AND DEFINE AUTO-CALIBRATION VALUE: _____

CLASSIFIER TEST SPECIFICS***

- *** METHOD FOR COLLECTING INDEPENDENT VOLUME MEASUREMENT BY VEHICLE CLASS:
☐ VIDEO ☐ MANUAL ☐ PARALLEL CLASSIFIERS
- METHOD TO DETERMINE LENGTH OF COUNT ☐ TIME ☐ NUMBER OF TRUCKS
- MEAN DIFFERENCE IN VOLUMES BY VEHICLES CLASSIFICATION:

*** FHWA CLASS 9	_____	FHWA CLASS	_____
*** FHWA CLASS 8	_____	FHWA CLASS	_____
		FHWA CLASS	_____
		FHWA CLASS	_____
- *** PERCENT "UNCLASSIFIED" VEHICLES: _____

PERSON LEADING CALIBRATION EFFORT: Tom Folpe
 CONTACT INFORMATION: 517 322 1716 rev. November 9, 1999