

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.
C269029.C1G	01/01/06	00:00	01/31/06	23:59	FHWA
W269029.C1G	01/01/06	00:00	01/31/06	23:59	FHWA
C260200.C1G	01/01/06	00:00	01/31/06	23:59	FHWA
W260200.C1G	01/01/06	00:00	01/31/06	23:59	FHWA
C260100.C1G	01/01/06	00:00	01/31/06	23:59	FHWA
W260100.C1G	01/01/06	00:00	01/31/06	23:59	FHWA
					FHWA
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					FHWA

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

DATE PREPARED 02-01-2006

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.
C269029.D1G ✓	02/01/06	00:00	02/28/06	23:59	FHWA
W269029.D1G ✓	02/01/06	00:00	02/28/06	23:59	FHWA
C260200.D1G ✓	02/01/06	00:00	02/28/06	23:59	FHWA
W260200.D1G ✓	02/01/06	00:00	02/28/06	23:59	FHWA
C260100.D1G ✓	02/01/06	00:00	02/28/06	23:59	FHWA
W260100.D1G ✓	02/01/06	00:00	02/28/06	23:59	FHWA
					FHWA
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NAME OF PREPARER JAMES KRAMER PHONE# (517) 322-1716  
DATE PREPARED 03-02-2006

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.
✓ C269029.E1G	03/01/06	00:00	03/31/06	23:59	FHWA
✓ W269029.E1G	03/01/06	00:00	03/31/06	23:59	FHWA
✓ C260200.E1G	03/01/06	00:00	03/31/06	23:59	FHWA
✓ W260200.E1G	03/01/06	00:00	03/31/06	23:59	FHWA
✓ C260100.E1G	03/01/06	00:00	03/31/06	23:59	FHWA
✓ W260100.E1G	03/01/06	00:00	03/31/06	23:59	FHWA
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NAME OF PREPARER JAMES KRAMER PHONE# (517) 322-1716

DATE PREPARED 04-03-2006

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.
✓ C269029.F1G	04/01/06	00:00	04/30/06	23:59	FHWA
✓ W269029.F1G	04/01/06	00:00	04/30/06	23:59	FHWA
✓ C260200.F1G	04/01/06	00:00	04/30/06	23:59	FHWA
✓ W260200.F1G	04/01/06	00:00	04/30/06	23:59	FHWA
✓ C260100.F1G	04/01/06	00:00	04/30/06	23:59	FHWA
✓ W260100.F1G	04/01/06	00:00	04/30/06	23:59	FHWA
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NAME OF PREPARER JAMES KRAMER PHONE# (517) 322-1716

DATE PREPARED 05-01-2006

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.
C269029.G1G	05/01/06	00:00	05/31/06	23:59	FHWA
W269029.G1G	05/01/06	00:00	05/31/06	23:59	FHWA
C260200.G1G	05/01/06	00:00	05/31/06	23:59	FHWA
W260200.G1G	05/01/06	00:00	05/31/06	23:59	FHWA
C260100.G1G	05/01/06	00:00	05/31/06	23:59	FHWA
W260100.G1G	05/01/06	00:00	05/31/06	23:59	FHWA
					FHWA
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					FHWA

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

DATE PREPARED 06-05-2006

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.
C269029.H1G	06/01/06	00:00	06/30/06	23:59	FHWA
W269029.H1G	06/01/06	00:00	06/30/06	23:59	FHWA
C260200.H1G	06/01/06	00:00	06/30/06	23:59	FHWA
W260200.H1G	06/01/06	00:00	06/30/06	23:59	FHWA
C260100.H1G	06/01/06	00:00	06/30/06	23:59	FHWA
W260100.H1G	06/01/06	00:00	06/30/06	23:59	FHWA
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NAME OF PREPARER JAMES KRAMER PHONE# (517) 322-1716

DATE PREPARED 07-03-2006

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.
C269029.I1G	07/01/06	00:00	07/31/06	23:59	FHWA
W269029.I1G	07/01/06	00:00	07/31/06	23:59	FHWA
C260200.I1G	07/01/06	00:00	07/31/06	23:59	FHWA
W260200.I1G	07/01/06	00:00	07/31/06	23:59	FHWA
C260100.I1G	07/01/06	00:00	07/31/06	23:59	FHWA
W260100.I1G	07/01/06	00:00	07/31/06	23:59	FHWA
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NAME OF PREPARER JAMES KRAMER PHONE# (517) 322-1716

DATE PREPARED 08-08-2006

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.
C269029.J1G	08/01/06	00:00	08/31/06	23:59	FHWA
W269029.J1G	08/01/06	00:00	08/31/06	23:59	FHWA
C260200.J1G	08/01/06	00:00	08/31/06	23:59	FHWA
W260200.J1G	08/01/06	00:00	08/31/06	23:59	FHWA
C260100.J1G	08/01/06	00:00	08/31/06	23:59	FHWA
W260100.J1G	08/01/06	00:00	08/31/06	23:59	FHWA
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NAME OF PREPARER JAMES KRAMER PHONE# (517) 322-1716

DATE PREPARED 09-05-2006



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.
C269029.K1G ✓	09/01/06	00:00	09/30/06	23:59	FHWA
W269029.K1G ✓	09/01/06	00:00	09/30/06	23:59	FHWA
C260200.K1G ✓	09/01/06	00:00	09/30/06	23:59	FHWA
W260200.K1G ✓	09/01/06	00:00	09/30/06	23:59	FHWA
C260100.K1G ✓	09/01/06	00:00	09/30/06	23:59	FHWA
W260100.K1G ✓	09/01/06	00:00	09/30/06	23:59	FHWA
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NAME OF PREPARER JAMES KRAMER PHONE# (517) 322-1716  
DATE PREPARED 10-02-2006

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.
✓ C269029.L1G	10/01/06	00:00	10/31/06	23:59	FHWA
W269029.L1G	10/01/06	00:00	10/31/06	23:59	FHWA
✓ C260200.L1G	10/01/06	00:00	10/31/06	23:59	FHWA
W260200.L1G	10/01/06	00:00	10/31/06	23:59	FHWA
✓ C260100.L1G	10/01/06	00:00	10/31/06	23:59	FHWA
W260100.L1G	10/01/06	00:00	10/31/06	23:59	FHWA
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NAME OF PREPARER JAMES KRAMER PHONE# (517) 322-1716

DATE PREPARED 11-13-2006

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.
C269029.M1G	11/01/06	00:00	11/30/06	23:59	FHWA
W269029.M1G	11/01/06	00:00	11/30/06	23:59	FHWA
C260200.M1G	11/01/06	00:00	11/30/06	23:59	FHWA
W260200.M1G	11/01/06	00:00	11/30/06	23:59	FHWA
C260100.M1G	11/01/06	00:00	11/30/06	23:59	FHWA
W260100.M1G	11/01/06	00:00	11/30/06	23:59	FHWA
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NAME OF PREPARER JAMES KRAMER PHONE# (517) 322-1716

DATE PREPARED 12-04-2006

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.
C269029.N1G✓	12/01/06	00:00	12/31/06	23:59	FHWA
W269029.N1G✓	12/01/06	00:00	12/31/06	23:59	FHWA
C260200.N1G✓	12/01/06	00:00	12/31/06	23:59	FHWA
W260200.N1G✓	12/01/06	00:00	12/31/06	23:59	FHWA
C260100.N1G✓	12/01/06	00:00	12/31/06	23:59	FHWA
W260100.N1G✓	12/01/06	00:00	12/31/06	23:59	FHWA
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NAME OF PREPARER JAMES KRAMER PHONE# (517) 322-1716  
DATE PREPARED 01-03-2007

<b>SHEET 15</b> <b>LTPP TRAFFIC DATA</b>  <b>LOG OF CHANGE AT LTPP TEST</b> <b>LOCATIONS WITH PERM. AVC OR WIM</b>	*STATE ASSIGNED ID	[ 312 ]
	*STATE CODE	[ 26 ]
	*SHRP SECTION ID	[ 9029 ]

LOCATION Ionia TYPE EQUIP. PAT DAW 190  
 MP# \_\_\_\_\_ MODEL # DAW 190

DATE OF CHANGE	TIME OF CHANGE	DESCRIPTION OF CHANGE	PERSON MAKING CHANGE	PHONE #	NEW EQUIP. SERIAL #
12-6-06	8 AM	update software to 3.102	James Kramer	517 322 1716	

revised November 11, 1999

ENTERED JAN 16 2007

*D. Marshall*

<p align="center"><b>SHEET 16</b>  <b>LTPP MONITORED TRAFFIC DATA</b>  <b>SITE CALIBRATION SUMMARY</b></p>	*STATE ASSIGNED ID	[ 312 ]
	*STATE CODE	[ 26 ]
	*SHRP SECTION ID	[ 9029 ]

SITE CALIBRATION INFORMATION

- \* DATE OF CALIBRATION (MONTH/DAY/YEAR) [ 12 / 13 / 2006 ]
- \* 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/IRP

WIM SYSTEM CALIBRATION SPECIFICS\*\*

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

TRUCK	TYPE	SUSPENSION
9		1

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 +4.7 STANDARD DEVIATION 0.4  
DYNAMIC AND STATIC SINGLE AXLES +3.7 STANDARD DEVIATION 4.5  
DYNAMIC AND STATIC DOUBLE AXLES +4.8 STANDARD DEVIATION 1.1
- 3 NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED
- DEFINE THE SPEED RANGES USED (MPH) 50 60 70
- CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) + .04
- \*\* IS AUTO-CALIBRATION USED AT THIS SITE? (Y/N) 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 0.6 FHWA CLASS 13 0.0  
\*\*\* FHWA CLASS 8 0.0 FHWA CLASS \_\_\_\_\_  
FHWA CLASS \_\_\_\_\_  
FHWA CLASS \_\_\_\_\_  
\*\*\* PERCENT "UNCLASSIFIED" VEHICLES: \_\_\_\_\_

PERSON LEADING CALIBRATION EFFORT: <u>James Kramer</u>
CONTACT INFORMATION: <u>517 323 1716</u>

rev. November 9, 1999