

AI
ENTERED JUN 26 2008

SHEET 16 LTPP MONITORED TRAFFIC DATA SITE CALIBRATION SUMMARY	*STATE ASSIGNED ID [_____] *STATE CODE [55] *SHRP SECTION ID [0100]
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similar sites
55 0200 ✓
55C 900 ✓

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SITE CALIBRATION INFORMATION

- * DATE OF CALIBRATION (MONTH/DAY/YEAR) [05/20/08]
- * TYPE OF EQUIPMENT CALIBRATED _____ WIM _____ CLASSIFIER X BOTH
- * REASON FOR CALIBRATION
 _____ REGULARLY SCHEDULED SITE VISIT _____ RESEARCH
 _____ EQUIPMENT REPLACEMENT _____ TRAINING
 _____ DATA TRIGGERED SYSTEM REVISION _____ NEW EQUIPMENT INSTALLATION
X OTHER (SPECIFY) LTPP Validation
- * SENSORS INSTALLED IN LTPP LANE AT THIS SITE (CHECK ALL THAT APPLY):
 _____ BARE ROUND PIEZO CERAMIC _____ BARE FLAT PIEZO X BENDING PLATES
 _____ CHANNELIZED ROUND PIEZO _____ LOAD CELLS _____ QUARTZ PIEZO
 _____ CHANNELIZED FLAT PIEZO X INDUCTANCE LOOPS _____ CAPACITANCE PADS
 _____ OTHER (SPECIFY) _____
- EQUIPMENT MANUFACTURER IRD/ PAT Traffic

WIM SYSTEM CALIBRATION SPECIFICS**

- **CALIBRATION TECHNIQUE USED:
 _____ TRAFFIC STREAM -- _____ STATIC SCALE (Y/N) X TEST TRUCKS
 _____ NUMBER OF TRUCKS COMPARED _____ 2 NUMBER OF TEST TRUCKS USED
 _____ 20 PASSES PER TRUCK

TRUCK	TYPE	SUSPENSION
1	9	1
2	9	1
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 3.2 STANDARD DEVIATION 3.6
 DYNAMIC AND STATIC SINGLE AXLES 4.7 STANDARD DEVIATION 3.7
 DYNAMIC AND STATIC DOUBLE AXLES 2.9 STANDARD DEVIATION 3.9
- 3 _____ NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED
- DEFINE THE SPEED RANGES USED (MPH) 55 60 65
- CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) 3286, 3114
- ** 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 X MANUAL _____ PARALLEL CLASSIFIERS
- METHOD TO DETERMINE LENGTH OF COUNT _____ TIME X NUMBER OF TRUCKS
- MEAN DIFFERENCE IN VOLUMES BY VEHICLES CLASSIFICATION:
 *** FHWA CLASS 9 -1 FHWA CLASS 5 -15
 *** FHWA CLASS 8 1 FHWA CLASS _____
 FHWA CLASS _____
 FHWA CLASS _____
 *** PERCENT "UNCLASSIFIED" VEHICLES: 1.7

PERSON LEADING CALIBRATION EFFORT: <u>Dean J. Wolf, MACTEC</u> CONTACT INFORMATION: <u>301-210-5105</u>	rev: November 9, 1999
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ENTERED JUN 20 2008

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SHEET 16 LTPP MONITORED TRAFFIC DATA SITE CALIBRATION SUMMARY	*STATE ASSIGNED ID [_____] *STATE CODE [55] *SHRP SECTION ID [0100]
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Similar Sites
55 0200 ✓
55 C900 ✓

SITE CALIBRATION INFORMATION

- * DATE OF CALIBRATION (MONTH/DAY/YEAR) [5/21/2008]
- * TYPE OF EQUIPMENT CALIBRATED _____ WIM _____ CLASSIFIER X BOTH
- * REASON FOR CALIBRATION
 _____ REGULARLY SCHEDULED SITE VISIT _____ RESEARCH
 _____ EQUIPMENT REPLACEMENT _____ TRAINING
 _____ DATA TRIGGERED SYSTEM REVISION _____ NEW EQUIPMENT INSTALLATION
 X OTHER (SPECIFY) LTPP Validation
- * SENSORS INSTALLED IN LTPP LANE AT THIS SITE (CHECK ALL THAT APPLY):
 _____ BARE ROUND PIEZO CERAMIC _____ BARE FLAT PIEZO X BENDING PLATES
 _____ CHANNELIZED ROUND PIEZO _____ LOAD CELLS _____ QUARTZ PIEZO
 _____ CHANNELIZED FLAT PIEZO X INDUCTANCE LOOPS _____ CAPACITANCE PADS
 _____ OTHER (SPECIFY) _____
- EQUIPMENT MANUFACTURER IRD/ PAT Traffic

WIM SYSTEM CALIBRATION SPECIFICS**

- **CALIBRATION TECHNIQUE USED:
 _____ TRAFFIC STREAM -- _____ STATIC SCALE (Y/N) X TEST TRUCKS
 _____ NUMBER OF TRUCKS COMPARED _____ 2 NUMBER OF TEST TRUCKS USED
 _____ 20 PASSES PER TRUCK

TRUCK	TYPE	SUSPENSION
1	2	1
2	2	1
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 0.2 STANDARD DEVIATION 1.1
 DYNAMIC AND STATIC SINGLE AXLES 0.8 STANDARD DEVIATION 1.5
 DYNAMIC AND STATIC DOUBLE AXLES 0.2 STANDARD DEVIATION 2.1
- 3 NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED
- DEFINE THE SPEED RANGES USED (MPH) 55 60 65
- CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) 3386, 3210
- ** 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 X MANUAL _____ PARALLEL CLASSIFIERS
- METHOD TO DETERMINE LENGTH OF COUNT _____ TIME X NUMBER OF TRUCKS
- MEAN DIFFERENCE IN VOLUMES BY VEHICLES CLASSIFICATION:

*** FHWA CLASS 9	<u> 0 </u>	FHWA CLASS	<u> 5 </u>	<u> -14 </u>
*** FHWA CLASS 8	<u> 50 </u>	FHWA CLASS	_____	_____
		FHWA CLASS	_____	_____
		FHWA CLASS	_____	_____

 *** PERCENT "UNCLASSIFIED" VEHICLES: 0.8

PERSON LEADING CALIBRATION EFFORT: Dean J. Wolf, MACTEC
 CONTACT INFORMATION: 301-210-5105 rev. November 9, 1999