

ENTERED DEC 14 2006

SHEET 10 LTPP TRAFFIC DATA TRAFFIC VOLUME AND LOAD ESTIMATE UPDATE-NO SITE COUNT	*STATE ASSIGNED ID	0470	WS
	*STATE CODE	29	
	*SHRP SECTION ID	5483	

1. ANNUAL TRAFFIC ESTIMATES

*YEAR	ESTIMATED TOTAL VEHICLES AADT (TWO-WAY)	ESTIMATED TOTAL TRUCK AADT (TWO-WAY)	ESTIMATED TOTAL VEHICLES AADT LTPP LANE	*ESTIMATED TOTAL TRUCKS AADT LTPP LANE	*ESTIMATED ESAL=S/YR LTPP LANE (1000'S)
1992 -					
2004					
	See MO-Sheet 10 Spreadsheet				

2. METHOD FOR ESTIMATING TOTAL VEHICLE AADT (TWO-WAY)

- ☐ Growth factored last year=s estimate. (6)
☐ Estimated based on volume counts at nearby locations. (3)
☐ Used computerized network analyses. (4)
☒ Factored a single count taken this year at the LTPP site. (1)
☐ Average multiple counts taken this year at the LTPP site. (2)
☐ Average and factored multiple count taken this year at the LTPP site. (5)
☐ Used flow maps. (7)
☐ Other: (8)

3. METHOD FOR ESTIMATING TOTAL TRUCK AADT (TWO-WAY)

- ☐ Used system averages from counts taken this year. (6)
☐ Used count data from nearby sites. (3)
☐ Used count data from previous years at the LTPP site. (7)
☐ Used system averages from previous years. (8)
☐ Used computerized network analyses. (4)
☐ Used a single count taken this year at the LTPP site. (5)
☒ Factored a single count taken this year at the LTPP site. (1)
☐ Averaged multiple counts taken this year at the LTPP site. (2)

Other: (9)

4. METHOD FOR ESTIMATING TOTAL VEHICLES LTPP LANE AADT

- ☐ System distribution factors. (2)
☒ Based on actual lane count data. (1)
☐ Other: (3)

*5. METHOD FOR ESTIMATING TOTAL TRUCKS, LTPP LANE, AADT

- ☐ System distribution factors. (2)
☒ Based on actual lane data count. (1)
☐ Other: (3)

*6. METHOD FOR ESTIMATING ESAL/YEAR IN LTPP LANE

- ☐ ESAL/Truck factor (1)
☐ ESAL/Vehicle class. (2) (No. of classes)
☐ ESAL/Axle(3) Sing. Tand. Tri.
☐ Other: (4)

7. ESAL ESTIMATES - SOURCE OF DATA

- ☐ Weight data collected at LTPP site prior years. (2)
☐ Weight data from system averages this year. (3)
☐ Weight data from system averages prior years. (4)
☐ Weight data from historic W-4 Tables used. (5)
☐ Other: (6)

8. WEIGHT SCALE TYPE

- ☐ WIM scale. (1)
☐ Static scale used for enforcement. (2)
☐ Static scale not used for enforcement. (3)
☒ Other: (4) Not A WIM site

NAME OF PREPARER _____	PHONE# _____
DATE PREPARED _____	

rev. March 12, 2001

SHEET 12
TRAFFIC DATA
COLLECTION SITE

STATE ASSIGNED ID 0470
STATE CODE 29
SHRP SECTION ID 5483
EFFECTIVE DATE 10/28/92

HIGHWAY RT. NO. 210 MILEPOST NO. _____

LOCATION 3.5 mi. E/I-435

VEHICLE CLASSIFICATION METHOD: FHWA ☒ OTHER _____ #BINS _____

TYPE OF CLASSIFICATION EQUIPMENT: PORTABLE _____ PERMANENT ☒

AVC EQUIPMENT MAKE / MODEL NO. Streeter Richardson III 241

SENSOR TYPE Inductive Loop & Piezo Cable

WEIGHT SCALE TYPE: PORT. WIM _____ PERM. WIM ☒ OTHER _____

EQUIPMENT MAKE / MODEL NO. G K AWACS 6000

SENSOR TYPE Inductive Loop & Piezo Cable

METHOD OF CALIBRATION: Test Vehicle GVW 47000 3 Axle .68

FREQUENCY OF CALIBRATION: yearly

COMMENTS: _____

NAME OF PREPARER Allan Heckman, Dave Schmitz PHONE NO. 314-751-2842
DATE PREPARED 4/26/94

SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	*STATE ASSIGNED ID [0470]
	*STATE CODE [29]
	*SHRP SECTION ID [5483]

HIGHWAY RT. NO. (THIS SESSION) 210

MILEPOST NO. OR LOCATION (THIS SESSION) 3.5 Mi. E/O I-435

FILENAME W295483.LR2 DISK/TAPE ID _____

BEGINNING DATE 10/28/92 BEGINNING TIME 1100

ENDING DATE 11/03/92 ENDING TIME 0900

COUNT DURATION 6 [] HOURS [✓] DAYS [] MONTHS

WEIGHT SCALE TYPE: PORT. WIM _____ PERM. WIM ✓ OTHER _____

EQUIPMENT MAKE/MODEL# GK - AWACS 6000

SENSOR TYPE Piezo Cable - Inductance Loop

COMMENTS _____

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>Allan Heckman, Dave Schmitz</u>	PHONE # <u>(314) 751-2842</u>
DATE PREPARED <u>11/04/92</u>	

**SHEET 14
LTPP TRAFFIC DATA
EQUIPMENT INSTALLATION LOG**

*STATE ASSIGNED ID
*STATE CODE
*SHRP SECTION ID

[0470]
[29]
[5483]

LOCATION 7.55 Mo 210
INSTALLATION DATE 11/92

	TYPE	BRAND NAME	SERIAL NUMBER
Control Unit(s) and peripheral equipment	ADR 3000	Peek	
Control Unit		Peek	0280009948210042
Interface			
Modem	LPM-14E		
Loop Amplifiers	N/A		
Other	N/A		
Sensor(s) / Platform(s)	Pir20		
LTPP Lane Sensor	Pir20 CLASS		
Sensor Next Adjacent Lane (1)	Pir20 CLASS		
Sensor Next Adjacent Lane (2)			
Sensor Next Adjacent Lane (3)			
Diagonal Sensor	N/A		
Offscale Sensor	N/A		
Right Platform	N/A		
Left Platform	N/A		
Other	N/A		
Software	ADR-4.50		
Complete Package			
Axle Spacing Algorithm Only	72 inches		
Other			
Loops	Electro-magnetic	1 Bga wire 4 turns 6'x6'	
Upstream - Lane 1	"		"
Downstream - Lane 1			
Upstream - Other Lanes	Electro-magnetic	1 Bga wire 4 turns 6'x6'	
Downstream - Other Lanes			

SHEET 14
LTPP TRAFFIC DATA
EQUIPMENT INSTALLATION LOG

*STATE ASSIGNED ID
*STATE CODE
*SHRP SECTION ID

10470
129
15483

LOCATION 7.55 Mo 210
INSTALLATION DATE 11/92

	TYPE	BRAND NAME	SERIAL NUMBER
Control Unit(s) and peripheral equipment	ADR 3000	Peek	
Control Unit		Peek	
Interface	LP-14E		0280009948210042
Modem	LP-14E		
Loop Amplifiers	N/A		
Other	N/A		
Sensor(s) / Platform(s)	Pi-20		
LTPP Lane Sensor	Pi-20 CLASS		
Sensor Next Adjacent Lane (1)	Pi-20 CLASS		
Sensor Next Adjacent Lane (2)			
Sensor Next Adjacent Lane (3)			
Diagonal Sensor	N/A		
Offscale Sensor	N/A		
Right Platform	N/A		
Left Platform	N/A		
Other	N/A		
Software	ADR-450		
Complete Package			
Axle Spacing Algorithm Only	72 inches		
Other			
Loops	Electro-magnetic	1 BGA wire 4 turns 6'x6'	
Upstream - Lane 1	"		"
Downstream - Lane 1			
Upstream - Other Lanes	Electro-magnetic	1 BGA wire 4 turns 6'x6'	
Downstream - Other Lanes			

**SHEET 14
LTPP TRAFFIC DATA
EQUIPMENT INSTALLATION LOG**

*STATE ASSIGNED ID 10470
 *STATE CODE 29
 *SHRP SECTION ID 5483

LOCATION 7.55 Mo 210
 INSTALLATION DATE 11/92

	TYPE	BRAND NAME	SERIAL NUMBER
Control Unit(s) and peripheral equipment	ADR 3000	Peek	
Control Unit	_____	Peek	
Interface	LPM-14E		0280009949210042
Modem	LPM-14E		
Loop Amplifiers	N/A		
Other _____	N/A		
Sensor(s) / Platform(s)	Pir 20		
LTPP Lane Sensor	Pir 20 CLASS		
Sensor Next Adjacent Lane (1)	Pir 20 CLASS		
Senor Next Adjacent Lane (2)	_____		
Sensor Next Adjacent Lane (3)	_____		
Diagonal Sensor	N/A		
Offscale Sensor	N/A		
Right Platform	N/A		
Left Platform	N/A		
Other _____	N/A		
Software	ADR 3000		
Complete Package	_____		
Axle Spacing Algorithm Only	72 inches		
Other _____	_____		
Loops	Electro - magnetic	1/8" wire 4 turns 6'x6'	
Upstream - Lane 1	"		"
Downstream - Lane 1	_____	_____	
Upstream - Other Lanes	Electro - magnetic	1/8" wire 4 turns 6'x6'	
Downstream - Other Lanes			

**SHEET 14
LTPP TRAFFIC DATA
EQUIPMENT INSTALLATION LOG**

*STATE ASSIGNED ID
*STATE CODE
*SHRP SECTION ID

10470
29
15483

LOCATION MO 210
INSTALLATION DATE 11/92

	TYPE	BRAND NAME	SERIAL NUMBER
Control Unit(s) and peripheral equipment			
Control Unit	ADR 3000	Peck	
Interface			
Modem	LPM-14-E		
Loop Amplifiers			
Other _____			
Sensor(s) / Platform(s)			
LTPP Lane Sensor	Piezo Class 1	Measurement Specialties	
Sensor Next Adjacent Lane (1)	Piezo Class 1	" "	
Senor Next Adjacent Lane (2)			
Sensor Next Adjacent Lane (3)			
Diagonal Sensor			
Offscale Sensor			
Right Platform			
Left Platform			
Other _____			
Software			
Complete Package	ADR 4.70	Peck	
Axle Spacing Algorithm Only	72 "		
Other _____			
Loops			
Upstream - Lane 1	Electro Magnetic	18ga Wire 4 turn 6' X 16'	
Downstream - Lane 1			
Upstream - Other Lanes	Electro Magnetic	18ga Wire 4 turn 6' X 6'	
Downstream - Other Lanes	" "	" "	" "

SHEET 14
LTPP TRAFFIC DATA
EQUIPMENT INSTALLATION LOG

*STATE ASSIGNED ID
*STATE CODE
*SHRP SECTION ID

10470
59
15483

LOCATION MO 210
INSTALLATION DATE 11/92

	TYPE	BRAND NAME	SERIAL NUMBER
Control Unit(s) and peripheral equipment			
Control Unit			
Interface	HD	WaveTronix	SS125 4 00000133
Modem			
Loop Amplifiers			
Other _____			
Sensor(s) / Platform(s)			
LTPP Lane Sensor			
Sensor Next Adjacent Lane (1)			
Sensor Next Adjacent Lane (2)	Microwave		
Sensor Next Adjacent Lane (3)	u		
Diagonal Sensor			
Offscale Sensor			
Right Platform			
Left Platform			
Other _____			
Software			
Complete Package	1.4.1	WaveTronix	
Axle Spacing Algorithm Only			
Other _____			
Loops			
Upstream - Lane 1			
Downstream - Lane 1			
Upstream - Other Lanes			
Downstream - Other Lanes			

SHEET 14 LTPP TRAFFIC DATA EQUIPMENT INSTALLATION LOG		*STATE ASSIGNED ID *STATE CODE *SHRP SECTION ID	[0470] [29] [5483]	LOCATION <u>MO 210</u> INSTALLATION DATE <u>11/92</u>
Control Unit(s) and peripheral equipment				
Control Unit	HD	Wave tronix		SS125 00000 133
Interface				
Modem				
Loop Amplifiers				
Other				
Sensor(s) / Platform(s)				
LTPP Lane Sensor				
Sensor Next Adjacent Lane (1)	Microwave			
Senor Next Adjacent Lane (2)	"			
Sensor Next Adjacent Lane (3)				
Diagonal Sensor				
Offscale Sensor				
Right Platform				
Left Platform				
Other				
Software				
Complete Package	1.5.0	Wave tronix		
Axle Spacing Algorithm Only				
Other				
Loops				
Upstream - Lane 1				
Downstream - Lane 1				
Upstream - Other Lanes				
Downstream - Other Lanes				