

<p align="center">SHEET 1</p> <p align="center"><b>LTPP TRAFFIC DATA</b></p> <p align="center"><b>SUMMARY TRANSMITTAL FORM</b></p>	STATE ASSIGNED ID [ <u>1</u> <u>8</u> <u>8</u> ]
	STATE CODE <u>29</u>
	SHRP SECTION ID [ <u>6</u> <u>0</u> <u>1</u> ]

*Entered  
5/14/99  
JKM*

**SCANNED**

**JUN 18 2008**  
BY: *[Signature]*

STATE OR PROVINCE Missouri COUNTY Harrison

HIGHWAY ROUTE NO. I-35 MILEPOST# 82

NEAREST CITY/TOWN Bethany NEAREST INTERSECTION U.S. 13

FUNCTIONAL CLASS RI NO. LANES EACH DIRECTION 2 TOTAL NO. LANES 4

DIRECTION OF TRAVEL GPS LANE S.B. DATE OPENED TO TRAF. 7 5

FIPS COUNTY CODE 081 FHWA STATION IDENTIFICATION NO. \_\_\_\_\_

HPMS SAMPLE NO. \_\_\_\_\_ HPMS SUBDIVISION NO. \_\_\_\_\_

TYPE OF PAVEMENT: AC X PCC \_\_\_\_\_ OTHER \_\_\_\_\_

CONTROL OF ACCESS: YES X NO \_\_\_\_\_ MEDIAN: YES \_\_\_\_\_ NO \_\_\_\_\_

CURRENT SURROUNDING DEVELOPMENT:  
URBAN \_\_\_\_\_ SUBURBAN \_\_\_\_\_ RURAL X

HAS INTENSITY OF ROADSIDE DEVELOPMENT INCREASED OVER PAST 10 YEARS?

YES \_\_\_\_\_ NO X

IF YES, DESCRIBE CHANGES \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

**NOTE:** ATTACH ALL RELATED FORMS AND COUNT DATA AND SUBMIT TO THE  
SHRP REGIONAL OFFICE. ATTACH MAP INDICATING THE LOCATION OF  
EACH TRAFFIC COUNT, VEHICLE CLASSIFICATION COUNT, OR WEIGHT  
STATION RELATIVE TO THIS GPS TEST SECTION.

NAME OF PREPARER <u>Fred Trippensee</u>	PHONE # <u>(573) 751-3980</u>
DATE PREPARED <u>February 29, 1996</u>	

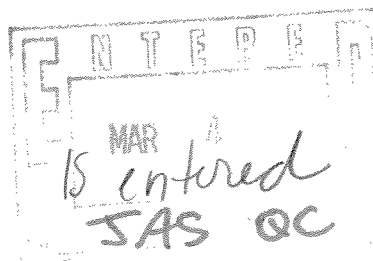
29

WASHINGTON MD 8

<b>SHEET 2</b> <b>LTPP TRAFFIC DATA</b>  <b>TRAFFIC VOLUMES</b> <b>AND LOAD ESTIMATES</b>	* STATE ASSIGNED ID	0910
	* STATE CODE	29
	*SHRP SECTION	A600

A601

	1	2	3	*4	*5
YEAR	ESTIMATED	ESTIMATED	ESTIMATED	ESTIMATED	ESITMATED
	TOTAL VEHICLES	TOTAL TRUCK	TOTAL VEHICLES	TOTAL TRUCK	ESALs/YEAR
	AADT	AADT	AADT	AADT	LTPP LANE
	(TWO-WAY)	(TWO-WAY)	LTPP LANE	LTPP LANE	(1000)
1989	5454	436	2727	218	91 X
1988	4340	347	2170	174	73 X
1987	5163	413	2582	207	86 X
1986	4980	398	2490	199	83 X
1985	4610	369	2305	184	77 X
1984	4410	353	2205	176	74 X
1983	1376	110	688	55	23 X
1982	4186	335	2093	167	70 X
1981	4064	325	2032	163	68 X
1980	3930	314	1965	157	66 X
1979	3930	314	1965	157	66 X
1978	3745	300	1873	150	63 X
1977	3627	290	1814	145	61 ✓
1976	3610	289	1805	144	60 X
NAME OF PREPARER ALLAN HECKMAN PHONE (573)751-2842					
DATE PREPARED 02/07/2002					



<b>SHEET 2</b>  <b>LTPP TRAFFIC DATA</b>  <b>TRAFFIC VOLUMES AND LOAD ESTIMATES</b>	*STATE ASSIGNED ID [ _ 1 8 8 ]  *STATE CODE [ 2 9 ]  *SHRP SECTION ID [ _ 6 0 1 ]
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YEAR	1. ESTIMATED TOTAL VEHICLES AADT (TWO-WAY)	2. ESTIMATED TOTAL TRUCK AADT (TWO-WAY)	3. ESTIMATED TOTAL VEHICLES AADT GPS LANE	4. ESTIMATED TOTAL TRUCKS AADT GPS LANE	5. ESTIMATED ESAL'S / YR GPS LANE (1000's)
1989	9,514	2,330	4,217	1,066	839
1988	7,439	2,001	3,458	923	741
1987	7,209	1,939	3,379	901	723
1986	7,177	1,931	3,278	897	720
1985	6,901	1,860	3,152	864	693
1984	7,009	1,906	3,235	885	698
1983	6,587	1,792	3,040	832	656
1982	6,346	1,730	2,955	810	639
1981	5,404	1,675	2,497	791	614
1980	5,240	1,624	2,421	767	595
1979	5,138	1,593	2,299	752	583
1978	5,266	1,632	2,357	770	598
1977	5,622	1,742	2,573	815	633
1976	4,516	1,400	2,339	661	513
1975	4,516	1,400	2,339	661	513
1974					
1973					
1972					
1971					
1970					
1969					
1968					
1967					
1966					
1965					

NAME OF PREPARER <u>Fred Trippensee</u>	PHONE # <u>(573) 751-3980</u>
DATE PREPARED <u>February 27, 1996</u>	

<b>SHEET 7</b> <b>LTPP TRAFFIC DATA</b>  <b>VEHICLE CLASSIFICATION</b> <b>CONVERSION CHART</b>	*STATE ASSIGNED ID [ 0188 ] SB  *STATE CODE [ 29 ]  *SHRP SECTION ID [ _0600_ ]
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**FOR 4-BIN, 6-BIN, OR OTHER CLASSIFICATION SYSTEMS NOT MATCHING FHWA 13-BIN SCHEME.**

USE THIS SHEET TO DESCRIBE HOW THE AGENCY'S CLASSIFICATION SYSTEM CAN BE CONVERTED TO THE FHWA 13 BINS. ENTER PERCENTAGE OF TOTAL SHA CLASS DISTRIBUTED TO EACH FHWA CLASS.

APPLICABLE PERIOD \*FROM January 2006 \*TO May 2006

FHWA CLASSES													
SHA CLASS	1-3	4	5	6	7	8	9	10	11	12	13	OTHER	TOTAL
*A	<u>_65_</u>	<u>___</u>	<u>_03_</u>	<u>_01_</u>	<u>___</u>	<u>_02_</u>	<u>_27_</u>	<u>___</u>	<u>_01_</u>	<u>_01_</u>	<u>___</u>	<u>___</u>	* <u>_100_</u>
*B	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	* <u>___</u>
C	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>
D	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>
E	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>
F	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>
G	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>
H	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>
I	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>
J	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>
K	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>
L	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>
M	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>
N	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>
O	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>
P	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>
Q	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>
R	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>
S	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>
T	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>
TOTAL	<u>___</u>	<u>___</u>	* <u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	* <u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	<u>___</u>	* <u>___</u>

NAME OF PREPARER <u>Mary L. Kladiva</u>	PHONE# <u>573-526-4907</u>
DATE PREPARED <u>June 19, 2006</u>	rev. March 12, 2001

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

\*STATE ASSIGNED ID  
\*STATE CODE  
\*SHRP SECTION ID

SVB  
0188  
[ ]  
[ ]

LOCATION IS 35 SB  
INSTALLATION DATE \_\_\_\_\_

	TYPE	BRAND NAME	SERIAL NUMBER
Control Unit(s) and peripheral equipment			
Control Unit			
Interface			
Modem	Same as 0188 NB		
Loop Amplifiers			
Other _____			
Sensor(s) / Platform(s)			
LTPP Lane Sensor			
Sensor Next Adjacent Lane (1)			
Senor Next Adjacent Lane (2)			
Sensor Next Adjacent Lane (3)			
Diagonal Sensor			
Offscale Sensor			
Right Platform			
Left Platform			
Other _____			
Software			
Complete Package			
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	LOCATION INSTALLATION DATE
Control Unit(s) and peripheral equipment			
Control Unit			
Interface			
Modem			
Loop Amplifiers			
Other			
Sensor(s) / Platform(s)			
LTPP Lane Sensor			
Sensor Next Adjacent Lane (1)			
Senor Next Adjacent Lane (2)			
Sensor Next Adjacent Lane (3)			
Diagonal Sensor			
Offscale Sensor			
Right Platform			
Left Platform			
Other			
Software			
Complete Package			
Axle Spacing Algorithm Only			
Other			
Loops			
Upstream - Lane 1			
Downstream - Lane 1			
Upstream - Other Lanes			
Downstream - Other Lanes			

Copy from 188 NB  
295000

<b>SHEET 14</b> <b>LTPP TRAFFIC DATA</b> <b>EQUIPMENT INSTALLATION LOG</b>	*STATE ASSIGNED ID	[0188]	LOCATION	B35 2.0 mi. N10 Rte. B
	*STATE CODE	[29]	INSTALLATION DATE	_____
	*SHRP SECTION ID	[0600]		

	TYPE	BRAND NAME	SERIAL NUMBER
Control Unit(s) and peripheral equipment	IRD 1067 WIM	I.R.D.	9906-5720
Control Unit	IRD 1067	I.R.D.	9906-5720
Interface	-	-	
Modem	56K V1.92	U.S. Robotics	
Loop Amplifiers	N/A		
Other _____	N/A		
Sensor(s) / Platform(s)	PIEZO	Measurement Specialties	
LTPP Lane Sensor	PIEZO CLS.1	" "	
Sensor Next Adjacent Lane (1)	PIEZO CLS.2	" "	
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	IRD R 7.50	IRD Software	
Complete Package	-	-	
Axle Spacing Algorithm Only	72 inches		
Other _____	-		
Loops	Electro-Magnetic	18ga Wire 4 turns 6'x6'	
Upstream - Lane 1	Electro-Magnetic	18ga Wire 4 turns 6'x6'	
Downstream - Lane 1	-	-	
Upstream - Other Lanes	Electro-Magnetic	18ga Wire 4 turns 6'x6'	
Downstream - Other Lanes	Electro-Magnetic	18ga Wire 4 turns 6'x6'	

revised November 11, 1999

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

\*STATE ASSIGNED ID  
\*STATE CODE  
\*SHRP SECTION ID

10188  
[ ]  
[ ]

SB

LOCATION FS 35 SB  
INSTALLATION DATE \_\_\_\_\_

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

Sonno 9.5 0188 11B



SHEET 14 LTPP TRAFFIC DATA EQUIPMENT INSTALLATION LOG		*STATE ASSIGNED ID [ 0188 ] *STATE CODE [ 29 ] *SHRP SECTION ID [ 0600 ]	LOCATION <u>IS 35</u> <u>SB</u> INSTALLATION DATE <u>09/82</u>
Control Unit(s) and peripheral equipment			
Control Unit	IRD 1067	IRD	9906-5712
Interface	IRD WIM MODEL		
Modem	56 KV92	US Robotics	
Loop Amplifiers			
Other			
Sensor(s) / Platform(s)	Piezo	Measurement Specialties	
LTPP Lane Sensor	Piezo Class 1		
Sensor Next Adjacent Lane (1)	Piezo Class 2		
Senor Next Adjacent Lane (2)			
Sensor Next Adjacent Lane (3)			
Diagonal Sensor	NA		
Offscale Sensor	↓		
Right Platform			
Left Platform			
Other			
Software	IRD R 7.506	IRD Software	
Complete Package	—		
Axle Spacing Algorithm Only	72"		
Other	—		
Loops			
Upstream - Lane 1	Electromagnetic	18ga. wire 4 turns	6' x 6'
Downstream - Lane 1	"	"	"
Upstream - Other Lanes	"	"	"
Downstream - Other Lanes	"	"	"

<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	[0188] SB
	*STATE CODE	[29]
	*SHRP SECTION ID	[0600]

LOCATION IS 35 TYPE EQUIP. IRD  
 MP# 29.57 MODEL # 1067

6015

DATE OF CHANGE	TIME OF CHANGE	DESCRIPTION OF CHANGE	PERSON MAKING CHANGE	PHONE #	NEW EQUIP. SERIAL #
		Equipment Problems	Field Acquisition Crew		
		No Volume or Class	for dates below.		
		1/1, 1/4, 2/4, 2/8, 3/16, 3/17			
		5/11, 6/10, 8/12, 8/13, 8/14, 8/15,			
		8/16, 8/17, 8/18, 9/1, 9/17			
		9/18, 9/19, 9/20, 9/21, 9/28, 9/29,			
		10/27, 11/27, 11/28,			
		No Class Data <sup>only</sup> for dates below			
		3/23, 3/24, 3/25, 3/26, 4/8, 7/16			
		10/28, 11/8			

revised November 11, 1999

<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	[0188] sb
	*STATE CODE	[09]
	*SHRP SECTION ID	[0600]

LOCATION 15.35 @ miles n/o Rt. 13 TYPE EQUIP. IRD  
 MP# 13.02 MODEL # 1067

6015

DATE OF CHANGE	TIME OF CHANGE	DESCRIPTION OF CHANGE	PERSON MAKING CHANGE	PHONE #	NEW EQUIP. SERIAL #
1/1-3,31	all day	no class wim, equipment	Field Acquisition		
5/14-30		problems	crew		
7/1					
8/14-15					
11/1-30					
10/1-18					

revised November 11, 1999

<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	[ ] [ ] [ ] [ ]
	*STATE CODE	[ ] [ ]
	*SHRP SECTION ID	[ ] [ ] [ ] [ ]

LOCATION \_\_\_\_\_ TYPE EQUIP. \_\_\_\_\_  
 MP# \_\_\_\_\_ MODEL # \_\_\_\_\_

DATE OF CHANGE	TIME OF CHANGE	DESCRIPTION OF CHANGE	PERSON MAKING CHANGE	PHONE #	NEW EQUIP. SERIAL #

*Copy from 188 NB  
295000*

<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	[0188]
	*STATE CODE	[29]
	*SHRP SECTION ID	[0600]

NB

LOCATION IS 35 2.0 mi. W of Pte. B TYPE EQUIP. IRD  
 MP# 29.57 MODEL # 1067

DATE OF CHANGE	TIME OF CHANGE	DESCRIPTION OF CHANGE	PERSON MAKING CHANGE	PHONE #	NEW EQUIP. SERIAL #

revised November 11, 1999

<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	[0188] sb
	*STATE CODE	[29]
	*SHRP SECTION ID	[0000]

LOCATION 15.35 a miles n/o Rt. B TYPE EQUIP. IRD 1001  
 MP# 13.02 MODEL # 10107

6015

DATE OF CHANGE	TIME OF CHANGE	DESCRIPTION OF CHANGE	PERSON MAKING CHANGE	PHONE #	NEW EQUIP. SERIAL #
3/2, 10	all day	no class/wim7 equip	Field Acquisition Crew		
4/2, 15		problems			
10/30					
7/1-4, 9					
8/7					
10/7					
12/21-31	↓	↓	↓		

revised November 11, 1999

SHEET 15 LTPP TRAFFIC DATA  LOG OF CHANGE AT LTPP TEST LOCATIONS WITH PERM. AVC OR WIM	*STATE ASSIGNED ID	[0188] SB
	*STATE CODE	[29]
	*SHRP SECTION ID	[0600]

LOCATION IS 35 TYPE EQUIP. IRD  
 MP# 29.57 MODEL # 1067

DATE OF CHANGE	TIME OF CHANGE	DESCRIPTION OF CHANGE	PERSON MAKING CHANGE	PHONE #	NEW EQUIP. SERIAL #
		EQUIPMENT FAILURE	FIELD ACQ CREW		
		1/27, 1/28, 2/1 - 2/10, 2/21,			
		2/23 - 2/25, 3/22, 4/4 - 4/6,			
		9/7, 9/8, 10/13, 10/27			
		NO VOLUME OR CLASS FOR			
		ABOVE.			
		NO CLASS DATA:			
		4/7, 7/31, 8/1 - 9/30,			
		11/3, 11/8, 11/9			

revised November 11, 1999

<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	[ 0188 ]
	*STATE CODE	[ 29 ]
	*SHRP SECTION ID	[ 0600 ]

LOCATION IS 35 TYPE EQUIP. IRD  
MP# 29.57 MODEL # 1067

DATE OF CHANGE	TIME OF CHANGE	DESCRIPTION OF CHANGE	PERSON MAKING CHANGE	PHONE #	NEW EQUIP. SERIAL #
		<i>No volume and class:</i>			
		<i>2/13, 4/7 to 4/17, 4/22 to 4/30, 5/16</i>			
		<i>5/19 to 5/23</i>			
		<i>No class:</i>			
		<i>2/1 to 2/12, 2/14 to 4/6, 4/18 to 4/21</i>			

revised November 11, 1999