

Sheet 12  
Traffic Data  
Collection Site

State Assigned ID: 4026  
State Code: 27  
SHRP Section ID: 4054  
Effective Date: 10/92

Highway Rt No: I 90      Milepost No: 266.19

Location: Winona, MN

Vehicle Classification Method: FHWA

Type of Classification Equipment: NA

AVC Equipment Make/Model No.: NA

Sensor Type: NA

Weight Scale Type: Permanent WIM

Equipment Make/Model No.: IRD 1060

Sensor Type: Bending Plate

Method of Calibration: Initial calibration with a loaded 5 axle semi & subsequent calibrations done automatically.

Frequency of Calibration: Dependent on need. Can be as often as every week.

**Comments:**

No known missing data.

NAME OF PREPARER: Vicky Sarner  
DATE PREPARED: December 16, 1993

PHONE NO.: 612-296-8526

Sheet 12  
Traffic Data  
Collection Site

State Assigned ID: 4026  
State Code: 27  
SHRP Section ID: 4054  
Effective Date: 10/92

Highway Rt No: I 90

Milepost No: 266.19

Location: Winona, Minnesota

Vehicle Classification Method: FHWA

Type of Classification Equipment: NA

AVC Equipment Make/Model No.: NA

Sensor Type: NA

Weight Scale Type: Permanent WIM

Equipment Make/Model No.: IRD 1060

Sensor Type: Bending Plate

Method of Calibration: Initial calibration with a loaded 5 axle semi & subsequent calibrations done automatically.

Frequency of Calibration: Dependent on need. Can be as often as every week.

**Comments:**

No data missing according to my records.

NAME OF PREPARER: Vicky Sarner  
DATE PREPARED: August 2, 1993

PHONE NO.: 612-296-8526

Sheet 12  
Traffic Data  
Collection Site

State Assigned ID: 4026  
State Code: 27  
SHRP Section ID: 4054  
Effective Date: 10/92

**Highway Rt No:** I 90      **Milepost No:** 266.19

**Location:** Winona, MN

**Vehicle Classification Method:** FHWA

**Type of Classification Equipment:** NA

**AVC Equipment Make/Model No.:** NA

**Sensor Type:** NA

**Weight Scale Type:** Permanent WIM

**Equipment Make/Model No.:** IRD 1060

**Sensor Type:** Bending Plate

**Method of Calibration:** Initial calibration with a loaded 5 axle semi & subsequent calibrations done automatically.

**Frequency of Calibration:** Dependent on need. Can be as often as every week.

**Comments:**

Missing 2/28/94 - 3/8/94  
4/3/94 - 4/4/94

NAME OF PREPARER: Vicky Sarner  
DATE PREPARED: June 3, 1994

PHONE NO.: 612-296-8526

Sheet 12  
Traffic Data  
Collection Site

State Assigned ID: 4026  
State Code: 27  
SHRP Section ID: 4054  
Effective Date: 10/92

**Highway Rt No:** I 90      **Milepost No:** 266.19

**Location:** Winona, MN

**Vehicle Classification Method:** FHWA

**Type of Classification Equipment:** NA

**AVC Equipment Make/Model No.:** NA

**Sensor Type:** NA

**Weight Scale Type:** Permanent WIM

**Equipment Make/Model No.:** IRD 1060

**Sensor Type:** Bending Plate

**Method of Calibration:** Initial calibration with a loaded 5 axle semi & subsequent calibrations done automatically.

**Frequency of Calibration:** Dependent on need. Can be as often as every week.

**Comments:** Time period covered 1/1/95 - 4/30/95. Missing 4/1/95 - 4/10/95, and 1/1/95.

NAME OF PREPARER: Vicky Sarner  
DATE PREPARED: May 18, 1995

PHONE NO.: 612-296-8526

Sheet 12  
Traffic Data  
Collection Site

State Assigned ID: 4026  
State Code: 27  
SHRP Section ID: 4054  
Effective Date: 10/92

**Highway Rt No:** I 90      **Milepost No:** 266.19

**Location:** Winona, MN

**Vehicle Classification Method:** FHWA

**Type of Classification Equipment:** NA

**AVC Equipment Make/Model No.:** NA

**Sensor Type:** NA

**Weight Scale Type:** Permanent WIM

**Equipment Make/Model No.:** IRD 1060

**Sensor Type:** Bending Plate

**Method of Calibration:** Initial calibration with a loaded 5 axle semi & subsequent calibrations done automatically.

**Frequency of Calibration:** Dependent on need. Can be as often as every week.

**Comments:** No data is missing from this time period.

NAME OF PREPARER: Vicky Sarner  
DATE PREPARED: Janaury 24, 1995

PHONE NO.: 612-296-8526

Sheet 12  
Traffic Data  
Collection Site

State Assigned ID: 4026  
State Code: 27  
SHRP Section ID: 4054  
Effective Date: 10/92

**Highway Rt No:** I 90

**Milepost No:** 266.19

**Location:** Winona, Minnesota

**Vehicle Classification Method:** FHWA

**Type of Classification Equipment:** NA

**AVC Equipment Make/Model No.:** NA

**Sensor Type:** NA

**Weight Scale Type:** Permanent WIM

**Equipment Make/Model No.:** IRD 1060

**Sensor Type:** Bending Plate

**Method of Calibration:** Initial calibration with a loaded 5 axle semi & subsequent calibrations done automatically.

**Frequency of Calibration:** Dependent on need. Can be as often as every week.

**Comments:**

No data missing according to my records.

NAME OF PREPARER: Vicky Sarner  
DATE PREPARED: August 2, 1993

PHONE NO.: 612-296-8526

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Sheet 12  
Traffic Data  
Collection Site

State Assigned ID: 4026  
State Code: 27  
SHRP Section ID: 4054  
Effective Date: 10/92

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Highway Rt No: I 90                      Milepost No: 266.19

Location: Winona, MN

Vehicle Classification Method: FHWA

Type of Classification Equipment: NA

AVC Equipment Make/Model No.: NA

Sensor Type: NA

Weight Scale Type: Permanent WIM

Equipment Make/Model No.: IRD 1060

Sensor Type: Bending Plate

Method of Calibration: Initial calibration with a loaded 5 axle semi & subsequent calibrations done automatically.

Frequency of Calibration: Dependent on need. Can be as often as every week.

**Comments:**

Missing 8/1/93 - 8/31/93  
Missing 9/13/93 - 9/25/93  
Missing 12/2/93 - 12/4/93

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NAME OF PREPARER: Vicky Sarner  
DATE PREPARED: March 28, 1994

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PHONE NO.: 612-296-8526

Sheet 12  
Traffic Data  
Collection Site

State Assigned ID: 4026  
State Code: 27  
SHRP Section ID: 4054  
Effective Date: 10/92

Highway Rt No: I 90

Milepost No: 266.19

Location: Winona, MN

Vehicle Classification Method: FHWA

Type of Classification Equipment: NA

AVC Equipment Make/Model No.: NA

Sensor Type: NA

Weight Scale Type: Permanent WIM

Equipment Make/Model No.: IRD 1060

Sensor Type: Bending Plate

Method of Calibration: Initial calibration with a loaded 5 axle semi & subsequent calibrations done automatically.

Frequency of Calibration: Dependent on need. Can be as often as every week.

**Comments:**

No known missing data.

NAME OF PREPARER: Vicky Sarner  
DATE PREPARED: December 16, 1993

PHONE NO.: 612-296-8526



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Traffic Data  
Collection Site

State Assigned ID: 4026  
State Code: 27  
SHRP Section ID: 4054  
Effective Date: 10/92

Highway Rt No: I 90      Milepost No: 266.19

Location: Winona, MN

Vehicle Classification Method: FHWA

Type of Classification Equipment: NA

AVC Equipment Make/Model No.: NA

Sensor Type: NA

Weight Scale Type: Permanent WIM

Equipment Make/Model No.: IRD 1060

Sensor Type: Bending Plate

Method of Calibration: Initial calibration with a loaded 5 axle semi & subsequent calibrations done automatically.

Frequency of Calibration: Dependent on need. Can be as often as every week.

Comments: No data is missing from this time period.

NAME OF PREPARER: Vicky Sarner  
DATE PREPARED: October 18, 1994

PHONE NO.: 612-296-8526

Sheet 13  
Traffic Data Files  
Transmittal Form

State: Minnesota  
State Code: 27

FILE NAME	START DATE	START TIME	END DATE	END TIME	CLASS SCHEME
C271028.LS2	10/29/92	00:00	12/31/92	24:00	Minn2
W271028.LS2	10/29/92	00:00	12/31/92	24:00	Minn2
C274054.L42	10/4/92	00:00	12/31/92	24:00	Minn2
W274054.L42	10/4/92	00:00	12/31/92	24:00	Minn2
C274040.C12	1/1/92	00:00	12/31/92	24:00	Minn2
W274040.C12	1/1/92	00:00	12/31/92	24:00	Minn2
C271023.C12	1/1/92	00:00	12/31/92	24:00	Minn2
W271023.C12	1/1/92	00:00	12/31/92	24:00	Minn2
C276251.C12	1/1/92	00:00	12/31/92	24:00	Minn2
W276251.C12	1/1/92	00:00	12/31/92	24:00	Minn2
C274033.C12	1/1/92	00:00	12/31/92	24:00	Minn2
W274033.C12	1/1/92	00:00	12/31/92	24:00	Minn2
C274037.C12	1/1/92	00:00	12/31/92	24:00	Minn2
W274037.C12	1/1/92	00:00	12/31/92	24:00	Minn2

NAME OF PREPARER: Vicky Sarner  
DATE PREPARED: August 26, 1993

PHONE NO.: 612-296-8526

SHEET 15  
LTPP TRAFFIC DATA

EQUIPMENT INSTALLATION LOG

STATE ASSIGNED ID [ 4026 ]

STATE CODE [ 27 ]

SHRP SECTION ID [ 4054 ]

LOCATION I 90 Winona, MN

DATE OF INSTALLATION October, 1992

	TYPE	BRAND NAME	SERIAL NUMBER
Control Unit(s) and peripheral equipment			
Control Unit	<u>1060</u>	<u>IRD</u>	<u>9208-1866</u>
Interface			
Modem	<u>MT-1432</u>	<u>Multi-Tech</u>	<u>3066357</u>
Loop Amplifiers			
Other _____			
Sensor(s) / Platform(s)			
GPS Lane Sensor	<u>BENDING RATE</u>	<u>IRD</u>	
Sensor Next Adjacent Lane (1)	<u>"</u>	<u>"</u>	
Sensor Next Adjacent Lane (2)	<u>"</u>	<u>"</u>	
Sensor Next Adjacent Lane (3)	<u>"</u>	<u>"</u>	
Diagonal Sensor			
Offscale Sensor			
Right Platform			
Left Platform			
Other _____			
Software			
Complete Package	<u>7.3.2</u>	<u>IRD</u>	
Axle Spacing Algorithm Only			
Other _____			
Loops			
Upstream - Lane 1	<u>Microsense</u>		
Downstream - Lane 1			
Upstream - Other Lanes			
Downstream - Other Lanes			

SHEET 15  
LTPP TRAFFIC DATA

EQUIPMENT INSTALLATION LOG

STATE ASSIGNED ID [ 4026 ]

STATE CODE [ 27 ]

SHRP SECTION ID [ 4054 ]

LOCATION I 90 Winona, MN

DATE OF INSTALLATION October, 1992

	TYPE	BRAND NAME	SERIAL NUMBER
Control Unit(s) and peripheral equipment			
Control Unit	1060	IRD	9208-1866
Interface			
Modem	MT-1432	Multi-Tech	3066357
Loop Amplifiers			
Other _____			
Sensor(s) / Platform(s)			
GPS Lane Sensor	BENDING RATE	IRD	
Sensor Next Adjacent Lane (1)	"	"	
Sensor Next Adjacent Lane (2)	"	"	
Sensor Next Adjacent Lane (3)	"	"	
Diagonal Sensor			
Offscale Sensor			
Right Platform			
Left Platform			
Other _____			
Software			
Complete Package	7.3.3	IRD	
Axle Spacing Algorithm Only			
Other _____			
Loops			
Upstream - Lane 1	MICROSENSE		
Downstream - Lane 1			
Upstream - Other Lanes			
Downstream - Other Lanes			

SHEET 15  
LTPP TRAFFIC DATA

EQUIPMENT INSTALLATION LOG

STATE ASSIGNED ID [ 4026 ]

STATE CODE [ 27 ]

SHRP SECTION ID [ 4054 ]

LOCATION I 90 Winona, MN

DATE OF INSTALLATION October, 1992

	TYPE	BRAND NAME	SERIAL NUMBER
Control Unit(s) and peripheral equipment			
Control Unit	1060	IRD	9208-1866
Interface			
Modem	MT-1432	Multi-Tech	3066357
Loop Amplifiers			
Other _____			
Sensor(s) / Platform(s)			
GPS Lane Sensor	BENDING RATE	IRD	
Sensor Next Adjacent Lane (1)	"	"	
Sensor Next Adjacent Lane (2)	"	"	
Sensor Next Adjacent Lane (3)	"	"	
Diagonal Sensor			
Offscale Sensor			
Right Platform			
Left Platform			
Other _____			
Software			
Complete Package	7.3.2	IRD	
Axle Spacing Algorithm Only			
Other _____			
Loops			
Upstream - Lane 1	MICROSENSE		
Downstream - Lane 1			
Upstream - Other Lanes			
Downstream - Other Lanes			

**SHEET 15  
LTPP TRAFFIC DATA**

**EQUIPMENT INSTALLATION LOG**

STATE ASSIGNED ID [ 4026 ]

STATE CODE [ 27 ]

SHRP SECTION ID [ 4054 ]

LOCATION I-90, Winona, Mn

DATE OF INSTALLATION October 1992

	TYPE	BRAND NAME	SERIAL NUMBER
Control Unit(s) and peripheral equipment			
Control Unit	<u>1060</u>	<u>FRD</u>	<u>9208-1866</u>
Interface			
Modem	<u>MT-1432, 14.4 bps</u>	<u>Multi-Tech</u>	<u>3066357</u>
Loop Amplifiers			
Other _____			
Sensor(s) / Platform(s)			
GPS Lane Sensor	<u>Bending Plate</u>	<u>FRD</u>	
Sensor Next Adjacent Lane (1)	↓	↓	
Sensor Next Adjacent Lane (2)			
Sensor Next Adjacent Lane (3)			
Diagonal Sensor			
Offscale Sensor			
Right Platform			
Left Platform			
Other _____			
Software			
Complete Package	<u>7.3.3</u>	<u>FRD</u>	
Axle Spacing Algorithm Only			
Other _____			
Loops			
Upstream - Lane 1	<u>Microsense</u>		
Downstream - Lane 1	↓		
Upstream - Other Lanes			
Downstream - Other Lanes			

SHEET 15  
LTPP TRAFFIC DATA

EQUIPMENT INSTALLATION LOG

STATE ASSIGNED ID [ 4026 ]

STATE CODE [ 27 ]

SHRP SECTION ID [ 4054 ]

LOCATION I 90 Winona, MN

DATE OF INSTALLATION October, 1992

	TYPE	BRAND NAME	SERIAL NUMBER
Control Unit(s) and peripheral equipment			
Control Unit	<u>1060</u>	<u>IRD</u>	<u>9208-1866</u>
Interface			
Modem	<u>MT-1432</u>	<u>Multi-Tech</u>	<u>3066357</u>
Loop Amplifiers			
Other _____			
Sensor(s) / Platform(s)			
GPS Lane Sensor	<u>BENDING RATE</u>	<u>IRD</u>	
Sensor Next Adjacent Lane (1)	<u>"</u>	<u>"</u>	
Sensor Next Adjacent Lane (2)	<u>"</u>	<u>"</u>	
Sensor Next Adjacent Lane (3)	<u>"</u>	<u>"</u>	
Diagonal Sensor			
Offscale Sensor			
Right Platform			
Left Platform			
Other _____			
Software			
Complete Package	<u>7.3.2</u>	<u>IRD</u>	
Axle Spacing Algorithm Only			
Other _____			
Loops			
Upstream - Lane 1	<u>Microsense</u>		
Downstream - Lane 1			
Upstream - Other Lanes			
Downstream - Other Lanes			



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EQUIPMENT INSTALLATION LOG

STATE ASSIGNED ID [ 4026 ]

STATE CODE [ 27 ]

SHRP SECTION ID [ 4054 ]

LOCATION I 90 Winona, MN

DATE OF INSTALLATION October, 1992

	TYPE	BRAND NAME	SERIAL NUMBER
Control Unit(s) and peripheral equipment			
Control Unit	1060	IRD	9208-1866
Interface			
Modem	MT-1432	Multi-Tech	3066357
Loop Amplifiers			
Other _____			
Sensor(s) / Platform(s)			
GPS Lane Sensor	BENDING RATE	IRD	
Sensor Next Adjacent Lane (1)	"	"	
Sensor Next Adjacent Lane (2)	"	"	
Sensor Next Adjacent Lane (3)	"	"	
Diagonal Sensor			
Offscale Sensor			
Right Platform			
Left Platform			
Other _____			
Software			
Complete Package	1.3.3	IRD	
Axle Spacing Algorithm Only			
Other _____			
Loops			
Upstream - Lane 1	Microsense		
Downstream - Lane 1			
Upstream - Other Lanes			
Downstream - Other Lanes			