

Sheet 12  
Traffic Data  
Collection Site

State Assigned ID: 1010  
State Code: 27  
SHRP Section ID: 1023  
Effective Date: 1/84

Highway Rt No: US 2

Milepost No: 115.55

Location: Bemidji, Minnesota  
(2 East bound lanes)

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: Load Cell

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 data:

7/1/92

7/2/92

7/3/92

7/4/92

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

PHONE NO.: 612-296-8526

Sheet 12  
Traffic Data  
Collection Site

State Assigned ID: 1010  
State Code: 27  
SHRP Section ID: 1023  
Effective Date: 1/84

**Highway Rt No:** US 2

**Milepost No:** 115.55

**Location:** Bemidji, Minnesota  
(2 East bound lanes)

**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:** Load Cell

**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 data:

7/1/92

7/2/92

7/3/92

7/4/92

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

PHONE NO.: 612-296-8526

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Traffic Data  
Collection Site

State Assigned ID: 1010  
State Code: 27  
SHRP Section ID: 1023  
Effective Date: 1/84

**Highway Rt No:** US 2      **Milepost No:** 115.55

**Location:** Bemdiji, MN  
(East Bound Lanes)

**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:** Load Cell

**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 1/1/95 - 4/30/95. Missing 4/30/95.

NAME OF PREPARER: Vicky Sarner  
DATE PREPARED: May 19, 1995

PHONE NO.: 612-296-8526

Sheet 12  
Traffic Data  
Collection Site

State Assigned ID: 1010  
State Code: 27  
SHRP Section ID: 1023  
Effective Date: 1/84

Highway Rt No: US 2      Milepost No: 115.55

Location: Bemdiji, MN  
(2 East Bound Lanes)

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: Load Cell

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 data: 7/26/93 thru 7/31/93.

NAME OF PREPARER: Vicky Sarner  
DATE PREPARED: September 13, 1993

PHONE NO.: 612-296-8526

Sheet 12  
Traffic Data  
Collection Site

State Assigned ID: 1010  
State Code: 27  
SHRP Section ID: 1023  
Effective Date: 1/84

**Highway Rt No:** US 2      **Milepost No:** 115.55

**Location:** Bemdiji, MN  
(East Bound Lanes)

**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:** Load Cell

**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 1/10/94 - 1/20/94  
4/3/94 - 4/4/94

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

PHONE NO.: 612-296-8526

Sheet 12  
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Collection Site

State Assigned ID: 1010  
State Code: 27  
SHRP Section ID: 1023  
Effective Date: 1/84

**Highway Rt No:** US 2      **Milepost No:** 115.55

**Location:** Bemdiji, MN  
(East Bound Lanes)

**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:** Load Cell

**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 missing data for this time period.

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

PHONE NO.: 612-296-8526

Sheet 12  
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Collection Site

State Assigned ID: 1010  
State Code: 27  
SHRP Section ID: 1023  
Effective Date: 1/84

**Highway Rt No:** US 2      **Milepost No:** 115.55

**Location:** Bemdiji, MN  
(West Bound Lanes)

**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:** Load Cell

**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 missing data for this time period.

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

PHONE NO.: 612-296-8526

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State Assigned ID: 1010  
State Code: 27  
SHRP Section ID: 1023  
Effective Date: 1/84

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**Highway Rt No:** US 2      **Milepost No:** 115.55

**Location:** Bemdiji, MN  
(East Bound Lanes)

**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:** Load Cell

**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 data: 8/1/93 - 8/10/93

Missing data: 8/29/93

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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  
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Collection Site

State Assigned ID: 1010  
State Code: 27  
SHRP Section ID: 1023  
Effective Date: 1/84

**Highway Rt No:** US 2      **Milepost No:** 115.55

**Location:** Bemdiji, MN  
(2 East Bound Lanes)

**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:** Load Cell

**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 data: 7/26/93 thru 7/31/93.

NAME OF PREPARER: Vicky Sarner  
DATE PREPARED: September 13, 1993

PHONE NO.: 612-296-8526

Sheet 12  
Traffic Data  
Collection Site

State Assigned ID: 1010  
State Code: 27  
SHRP Section ID: 1023  
Effective Date: 1/84

**Highway Rt No:** US 2      **Milepost No:** 115.55

**Location:** Bemdiji, MN  
(East Bound Lanes)

**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:** Load Cell

**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 missing data for this time period.

NAME OF PREPARER: Vicky Sarner  
DATE PREPARED: October 24, 1994

PHONE NO.: 612-296-8526

**SHEET 15  
LTPP TRAFFIC DATA**

**EQUIPMENT INSTALLATION LOG**

STATE ASSIGNED ID [ 1010 ]

STATE CODE [ 27 ]

SHRP SECTION ID [ 1023 ]

LOCATION Bemidji, US-2 (2 East Bound) DATE OF INSTALLATION Jan, 1984

	TYPE	BRAND NAME	SERIAL NUMBER
Control Unit(s) and peripheral equipment			
Control Unit	<u>1060</u>	<u>IRD</u>	<u>9101-0861</u>
Interface			
Modem	<u>V32 9600</u>	<u>Multi Tech</u>	<u>2029158</u>
Loop Amplifiers	<u>Microsense</u>		
Other _____			
Sensor(s) / Platform(s)			
GPS Lane Sensor	<u>LOAD CELL</u>	<u>IRD</u>	
Sensor Next Adjacent Lane (1)	<u>LOAD CELL</u>	<u>↓</u>	
Sensor Next Adjacent Lane (2)	<u>LOAD CELL</u>		
Sensor Next Adjacent Lane (3)			
Diagonal Sensor			
Offscale Sensor			
Right Platform			
Left Platform			
Other _____			
Software			
Complete Package	<u>7.2</u>	<u>IRD</u>	
Axle Spacing Algorithm Only			
Other _____			
Loops			
Upstream - Lane 1			
Downstream - Lane 1			
Upstream - Other Lanes			
Downstream - Other Lanes			

SHEET 15  
LTPP TRAFFIC DATA

EQUIPMENT INSTALLATION LOG

STATE ASSIGNED ID [ 1010 ]

STATE CODE [ 27 ]

SHRP SECTION ID [ 1023 ]

LOCATION Bemidji, US-2 (2 East Bound)

DATE OF INSTALLATION Jan, 1984

	TYPE	BRAND NAME	SERIAL NUMBER
Control Unit(s) and peripheral equipment			
Control Unit	1060	IRD	9101-0861
Interface			
Modem	V32 9600	Multi Tech	2029158
Loop Amplifiers	Microsense		
Other _____			
Sensor(s) / Platform(s)			
GPS Lane Sensor	LOAD CELL	IRD	
Sensor Next Adjacent Lane (1)	LOAD CELL	↓	
Sensor Next Adjacent Lane (2)	LOAD CELL		
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			
Downstream - Lane 1			
Upstream - Other Lanes			
Downstream - Other Lanes			

**SHEET 15  
LTPP TRAFFIC DATA**

**EQUIPMENT INSTALLATION LOG**

STATE ASSIGNED ID [ 1010 ]

STATE CODE [ 27 ]

SHRP SECTION ID [ 1023 ]

LOCATION Bemidji, US-2 (2 East Bound) DATE OF INSTALLATION Jan, 1984

	TYPE	BRAND NAME	SERIAL NUMBER
Control Unit(s) and peripheral equipment			
Control Unit	<u>1060</u>	<u>IRD</u>	<u>9101-0861</u>
Interface			
Modem	<u>V32 9600</u>	<u>Multi Tech</u>	<u>2029158</u>
Loop Amplifiers	<u>Microsense</u>		
Other _____			
Sensor(s) / Platform(s)			
GPS Lane Sensor	<u>LOAD CELL</u>	<u>IRD</u>	
Sensor Next Adjacent Lane (1)	<u>LOAD CELL</u>	<u>↓</u>	
Sensor Next Adjacent Lane (2)	<u>LOAD CELL</u>		
Sensor Next Adjacent Lane (3)			
Diagonal Sensor			
Offscale Sensor			
Right Platform			
Left Platform			
Other _____			
Software			
Complete Package	<u>7.2</u>	<u>IRD</u>	
Axle Spacing Algorithm Only			
Other _____			
Loops			
Upstream - Lane 1			
Downstream - Lane 1			
Upstream - Other Lanes			
Downstream - Other Lanes			

**SHEET 15  
LTPP TRAFFIC DATA**

**EQUIPMENT INSTALLATION LOG**

STATE ASSIGNED ID [ 1010 ]

STATE CODE [ 27 ]

SHRP SECTION ID [ 1023 ]

LOCATION Bonwidji, Mn US 2

DATE OF INSTALLATION Jan 1984

	TYPE	BRAND NAME	SERIAL NUMBER
Control Unit(s) and peripheral equipment			
Control Unit	<u>1060</u>	<u>IRD</u>	<u>9101 - 6861</u>
Interface			
Modem	<u>V32, 9600</u>	<u>Multi-Tech</u>	<u>2029158</u>
Loop Amplifiers		<u>Microsense</u>	
Other _____			
Sensor(s) / Platform(s)			
GPS Lane Sensor	<u>Load Cell</u>	<u>IRD</u>	
Sensor Next Adjacent Lane (1)	<u>Load Cell</u>	<u>↓</u>	
Sensor Next Adjacent Lane (2)	<u>Load Cell</u>		
Sensor Next Adjacent Lane (3)			
Diagonal Sensor			
Offscale Sensor			
Right Platform			
Left Platform			
Other _____			
Software			
Complete Package	<u>7.3.3</u>	<u>IRD</u>	
Axle Spacing Algorithm Only			
Other _____			
Loops			
Upstream - Lane 1			
Downstream - Lane 1			
Upstream - Other Lanes			
Downstream - Other Lanes			

**SHEET 15  
LTPP TRAFFIC DATA**

**EQUIPMENT INSTALLATION LOG**

STATE ASSIGNED ID [ 1010 ]

STATE CODE [ 27 ]

SHRP SECTION ID [ 1023 ]

LOCATION Bemidji, US-2 (2 East Bound)

DATE OF INSTALLATION Jan, 1984

	TYPE	BRAND NAME	SERIAL NUMBER
Control Unit(s) and peripheral equipment			
Control Unit	<u>1060</u>	<u>IRD</u>	<u>9101-0861</u>
Interface			
Modem	<u>V32 9600</u>	<u>Multi Tech</u>	<u>2029158</u>
Loop Amplifiers	<u>MicroSense</u>		
Other _____			
Sensor(s) / Platform(s)			
GPS Lane Sensor	<u>LOAD CELL</u>	<u>IRD</u>	
Sensor Next Adjacent Lane (1)	<u>LOAD CELL</u>	<u>↓</u>	
Sensor Next Adjacent Lane (2)	<u>LOAD CELL</u>		
Sensor Next Adjacent Lane (3)			
Diagonal Sensor			
Offscale Sensor			
Right Platform			
Left Platform			
Other _____			
Software			
Complete Package	<u>7.2</u>	<u>IRD</u>	
Axle Spacing Algorithm Only			
Other _____			
Loops			
Upstream - Lane 1			
Downstream - Lane 1			
Upstream - Other Lanes			
Downstream - Other Lanes			

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LTPP TRAFFIC DATA

EQUIPMENT INSTALLATION LOG

STATE ASSIGNED ID [ 1010 ]

STATE CODE [ 27 ]

SHRP SECTION ID [ 1023 ]

LOCATION Bemidji, US-2 (2 East Bound) DATE OF INSTALLATION Jan, 1984

	TYPE	BRAND NAME	SERIAL NUMBER
Control Unit(s) and peripheral equipment			
Control Unit	1060	IRD	9101-0861
Interface			
Modem	V32 9600	Multi Tech	2029158
Loop Amplifiers	Microsense		
Other _____			
Sensor(s) / Platform(s)			
GPS Lane Sensor	LOAD CELL	IRD	
Sensor Next Adjacent Lane (1)	LOAD CELL	↓	
Sensor Next Adjacent Lane (2)	LOAD CELL		
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			
Downstream - Lane 1			
Upstream - Other Lanes			
Downstream - Other Lanes			