

August 28, 2015

Report To: Mayor & Council

From: Operations & Facilities Executive Committee

**SUBJECT: Request from Police Services Board for Funding to Purchase
Permanent Radar Speed Signs**

Mr. Rick Wiedenhoeft, Chair of the Police Services Board wrote a letter to Mayor & Council requesting funds to Purchase Permanent Radar Speed Signs to be installed along some sections of roadways in the community where there are "Chronic Speeders" such as King's Hwy. 11-71 between Central Avenue to Keating Avenue. See attached copy of the letter.

I have taken the liberty to obtain a quote from a traffic sign supplier for one solar powered Speed Reader c/w Universal Bracket, one additional pole plate and a data collector. The Speeder reader sign has the capability of attaching a data collection record where additional data can be collected such as vehicle count. See attached information.

There is no funding set aside in the Town's 2015 budget for a purchase of this equipment. The Town could consider this equipment as a capital item in 2016 and go through the normal capital budget approval process.

Respectfully submitted,

A handwritten signature in cursive script that reads "Doug Brown".

Doug Brown, P. Eng.
Operations & Facilities Manager

f/n: 2015AugustPoliceServiceBoardrequest

POLICE SERVICES BOARD

July 22, 2015

Town of Fort Frances
320 Portage Avenue
Fort Frances, ON
P9A 3P9

Attention: Mayor and Council

Dear Sirs and Madams:

At the recent meeting of the Police Services Board held July 10, 2015, the issue of "permanent speed signs" was discussed.

The Board would like to suggest that funds be set aside in the Police Services Board Budget annually to purchase "permanent speed signs" for areas in town that have chronic speeders, such as Colonization West and the 4 lanes from Central Avenue to Keating Avenue.

This topic has been an ongoing issue with the Board and the OPP.

Yours truly

A handwritten signature in black ink, appearing to read "R. Wiedenhoeft", with a large, stylized flourish at the end.

Rick Wiedenhoeft
Chair

/elh



QUOTATION

Company: Fort Frances
Contact: Gerry
Phone: 807 274 2036
Fax:
Email: gfawley@fort-frances.com

August 26, 2015

Thank you for the opportunity to quote on your signage requirements.

As per your request for pricing:

QTY	SIZE	DESCRIPTION	UNIT PRICE	TOTAL PRICE
1		SP450 Solar Powered Speed Reader	\$3,999.99	\$3,999.99
1		Universal Bracket (C/W one pole plate)	\$175.00	\$175.00
1		Additional Pole Plate	\$79.00	\$79.00
1		Data Collection	\$450.00	\$450.00
			TOTAL	\$4,703.99

Specifications:

Substrate: 5052 H38 Sign Grade Aluminum (2mm Thickness)

NOTES:

Delivery time approx 10-15 working days

Taxes Extra

Prices in effect for 45 days.

If you have any questions please call me.

Ryan Montgomery
Airmaster Sales Ltd.
Phone (204) 944-SIGN (7446) Cell (204) 781 2966
Toll Free 1 800 788 6805

400 Keewatin Street
Winnipeg, MB R2X 2R9
Fax (204) 632 9747
Toll Free 1 877 632 9747
ryanm@airmastersales.com

Traffic Logix® SafePace® 450 Radar Speed Sign

Product Specifications



Dimensions

- Digit: 15.0"(h) x 8.0"(w), 112 LEDs per digit
- Text:
 - Full Size: Letters 6.0"(h) spell "YOUR SPEED" fixed message, 2 lines
 - Compact Size: Letters 4.0" (h) spell "YOUR SPEED" fixed message, 1 line
- Unit alone: 21.5"(h) x 26.0"(w) x 3.0"(d)
- Unit with "YOUR SPEED" sign mounted:
 - Full Size: 40.0"(h) x 30.0"(w) x 3.0"(d)
 - Compact Size: 28.0"(h) x 28.0"(w) x 3.0"(d)
- Sign Weight (unit alone without "YOUR SPEED" sign)
 - AC Powered Model: 18 lbs
 - 4 Cell Battery Powered Model: 22 lbs
 - Solar Powered Model: 20 lbs (does not include solar panel or solar panel bracket)
- Accessories
 - 4 Cell Lithium Ion Battery: 4 lbs
 - Universal Mounting Bracket System
 - Sign Bracket: 2 lbs
 - Pole Bracket: 5 lbs

*ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



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(866) 915-6449 F (866)995-6449 | www.trafficlogix.com | info@trafficlogix.com
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Technical Specifications:

- Miles Per Hour (mph) or Kilometers Per Hour (km/h)
- Aluminum protective cover: 0.1875" (d)
- Yellow or white High-Intensity prismatic reflective sheeting on the sign face with black colored text
- MUTCD approved colors and format
- Operating Temperatures F (C): -40° (-40°) to 185° (85°)
- Conformal coating on all circuit boards
- Power
 - Power input:
 - AC 100~240 VAC
 - 12 VDC
 - Built in ambient light sensing and automatic brightness control
 - Wireless battery charge monitor
 - Power Options
 - AC power input: 100~240 VAC
 - DC power input: 12 VDC
 - Solar power: 20 W solar panel
- Radar
 - Internal Radar: Doppler (FCC approved)
 - Radar RF out: 5 mW maximum
 - Radar f-center: 24.125 GHz center +/-25 MHz
 - Pickup distance: Up to 1,200 feet (366 m)
 - Beam angle: 11° x 11°
 - Beam polarization: Linear
 - FCC ID (Radar): TIADR1500
- Display
 - LEDs 245:
 - Digits: 224 Amber, 23°, 5 mm, luminous Intensity (5680 – 8200 mcd/LED)
 - Speed Violator Strobe: 21 White, 15°, 5 mm , luminous intensity (28,150 mcd/LED)
 - Optical lenses: 245 lenses
 - Ambient light sensor and automatic brightness adjustment

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- Enclosure
 - 12 gauge aluminum, flat black powder coated front for reduced glare and maximum contrast; light gray powder coated body to minimize heat absorption
 - Weatherproof, NEMA 4X-12, IP65 level compliant
 - Non-sealed and ventilated
- Mounting Options
 - Banding brackets (standard)
 - Universal Mounting Bracket System
 - Universal mounting options: circular, square and telspar poles
 - Theft resistant
 - Promotes sign portability: sign locks into mounting bracket with a turn of a key

Communication

- Bluetooth 3.0
- Wi-Fi

Programming

- SafePace® Pro management software
- 24/7 365 day unlimited programming and scheduling
- Display Settings:
 - Display On/Stealth Modes (In Stealth Mode, speed is not displayed but data is collected)
 - Display Minimum Speed, Display Maximum Speed
 - Digit Flashing Speed Threshold (digits flash above selected speed)
 - Speed Violator Strobe (pulsing strobe flashes with digits or alone above Display Maximum Speed)

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Data Collection and Statistical Analysis & Reporting (optional feature)

- Traffic data collected and stored by location
- Stealth Mode (capture baseline traffic data with speed display off)
- Download through wireless connection
- Statistical Reporting & Charts
 - Summary Reports
 - Weekly Reports
 - Period Comparison Reports
 - Full custom reports and charts
 - Reporting Parameters:
 - Average Vehicle Count
 - Total Vehicle Count
 - Average Speed
 - Average Number of Speed Violations
 - Total Number of Speed Violations
 - Other Features:
 - Minimum and Maximum Speed
 - 85% Speed
 - Counters by Speed Bins
 - 5 MPH Bin Resolution
 - Reports print directly or can be exported into CSV format, MS Excel, Adobe Acrobat PDF and HTML
 - Charts may be printed directly or converted into Adobe Acrobat PDF and picture formats

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Warranty

Subject to the following conditions, Traffic Logix® Corporation ("Traffic Logix®") warrants that the SafePace® 400/450/500/600 Speed sign sold by it (the "Product") is free from defects in materials and workmanship with normal use and service. This limited warranty extends for TWO (2) calendar year beginning on the invoice date of the Product on the radar sign and TEN (10) years on the LEDs.

This limited warranty extends only to the original purchaser of the Product when purchased either directly through Traffic Logix® or through an authorized Traffic Logix® distributor and is not assignable or transferable to any subsequent purchaser or end-user. Traffic Logix's® obligation and liability under this warranty are expressly limited to repairing or replacing, at Traffic Logix's® option, defective products. In no circumstances shall Traffic Logix's® liability, whether in contract or tort, under any warranty, in negligence, or otherwise, exceed the amount of the purchase price of the product. Traffic Logix® shall not be liable for special, indirect, or consequential damages of any kind. This warranty does not cover damages resulting from normal wear and tear, incorrect installation or operation, use other than for the product's intended purposes, vandalism, and extraordinary environmental circumstances. Traffic Logix® reserves the right to charge for these damages to the product at rates normally charged for repairing such products not covered under this warranty. Damages resulting from any physical changes or alterations made to the product other than Traffic Logix® will render this warranty **VOID**. Using any parts or accessories not supplied or approved by Traffic Logix®, such as battery chargers, will further render the warranty **VOID**.

Traffic Logix® neither assumes, nor authorizes any person to assume for it, any other liability in connection with the sale of the Product, and there are no agreements or warranties collateral to or affecting this limited warranty. **THE LIMITED WARRANTY SET FORTH IN THIS AGREEMENT IS THE EXCLUSIVE AND SOLE WARRANTY APPLICABLE TO THIS PURCHASE. ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO THE IMPLIED WARRANTY OF MERCHANTABILITY AND THE IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY DISCLAIMED.**

Traffic Logix® does not warrant that any of its products will meet or comply with the requirements of any applicable federal, state or local safety code, law, regulation or ordinance ("Applicable Safety Laws"). Buyer acknowledges that Traffic Logix's® products are to be used only in accordance with the attached Conditional Terms of Use and any Applicable Safety Laws. Buyer agrees that there shall be no coverage or benefits of any kind under this limited warranty if it is determined by Traffic Logix® that the Product was not installed or used in accordance with the Conditional Terms of Use or Applicable Safety Laws, or if the Product has been altered in any way by anyone other than Traffic Logix®, or if the Product has been subject to any misuse or accident. In addition, Buyer assumes and agrees to

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indemnify Traffic Logix® for all risk, liability or expense that results from any installation or use of the Product that is not in accordance with the Conditional Terms of Use or any Applicable Safety Laws.

Warranty Replacement Procedure

In order to submit a claim for the repair or replacement of the Product under this limited warranty, you must do the following:

- 1) Obtain a Return Materials Authorization number by contacting Customer Support. Do not ship your defective product to Traffic Logix® prior to contacting Customer Support.
- 2) A Customer Support agent will evaluate the Product to determine if it is defective. If the product is defective, then you will need to submit your contact information, and proof of purchase (including the date of purchase), in order to obtain repair or replacement parts.
- 3) The Customer Service Agent will provide you with instructions on how to have defective parts repaired or replaced.

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SafePace 450 Solar Panel

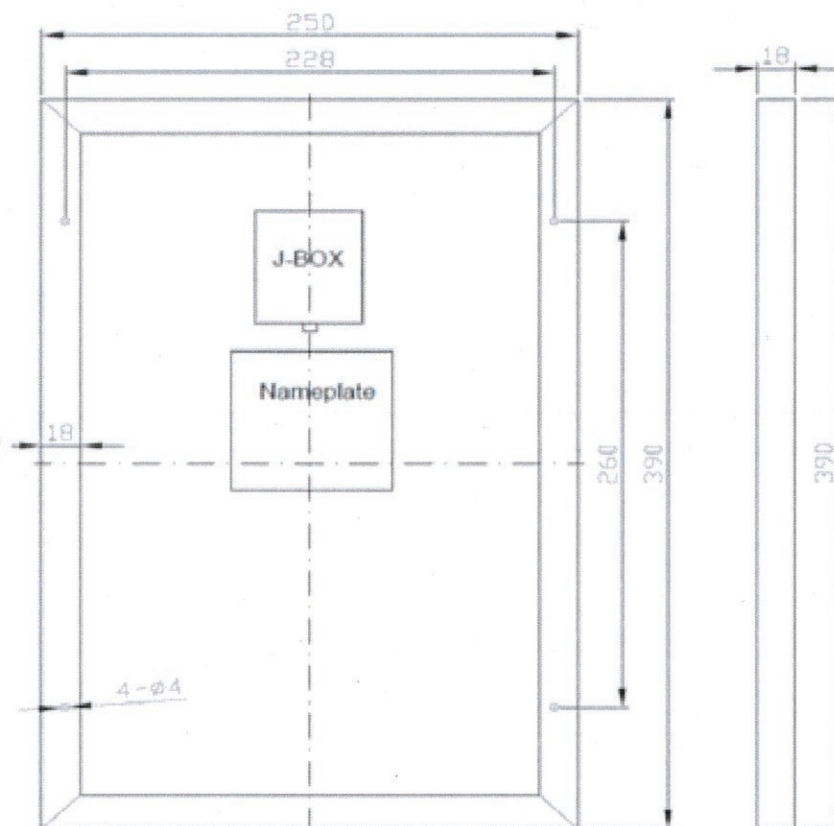
Power Output: 20 W

Operation Temperature Range: - 40°C~85°C

Construction:

- **Laminate:** Glass /EVA / TPT (tedlar/pet/tedlar) or TPE
- **Front Side:** High-transmission 3.2mm tempered glass
- **Back Side:** TPT /TPE
- **Frame:** Clear anodized aluminum frame
- **Output :**Junction box

Dimensional Drawing: (dimensions in mm)



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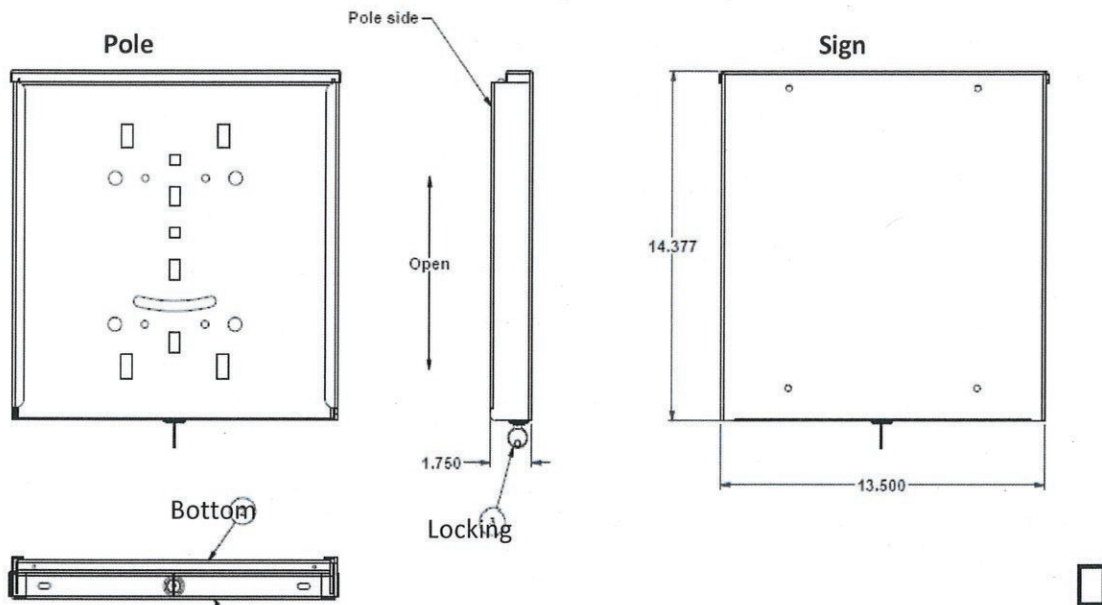


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Universal Mounting Bracket System



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Inside view



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Installation Guide: SafePace 100 Universal Mounting Bracket System

With the **Universal Mounting Bracket System**, the SafePace 100 Radar Speed Sign can easily be mounted and dismounted from the installation pole with just the turn of a key. This quick mount and dismount feature readily allows the sign to be moved from one location to another with relative ease and convenience. Additional pole brackets can be purchased separately.

Components:

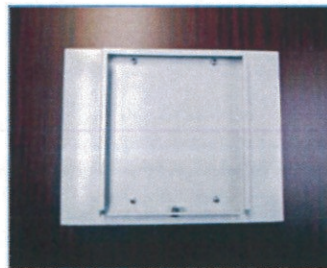
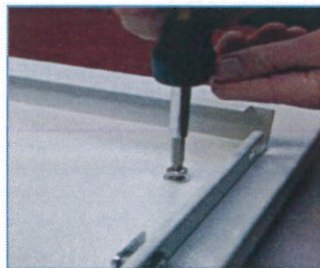
- SafePace 100 Radar Sign – available at SafestParkingProducts.com
- Universal Mounting Bracket System (includes 1 sign bracket & 1 pole bracket)
- Installation Hardware (included)

**** Please refer to our “General Installation Guide: SafePace 100 Radar Sign” document for choosing the proper installation location and further details.**

Installing the Mounting Brackets

Sign Bracket

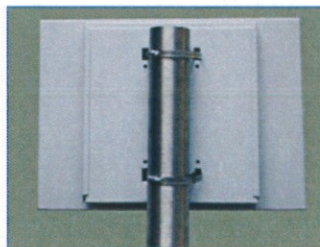
Attach the Sign Bracket to the backside of the SafePace 100 Radar Sign using the included hardware.



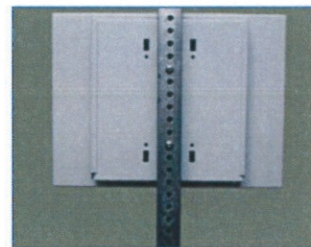
Use supplied hardware to mount the Sign Bracket to the rear of the SafePace 100

Pole Bracket

The Pole Bracket can be secured to any type of standard pole or Telespar type pole by a choice of banding straps, lag screws, or bolts and nuts.



Pole bracket mounted to circular pole



Pole bracket mounted to 2" Telespar pole

Installation of the Pole Bracket using supplied banding straps



Figure 3.1

Pole bracket banded to utility pole.



Figure 3.2

Additional lag bolts should be used for added security.



Figure 3.3

Profile view of pole bracket banded.

NOTE: It is highly recommended that if banding is used to secure the Pole Bracket additional screws and/or bolts should also be used (see Figure 3.2 above) to further prevent theft and vandalism.

Installation of Pole Bracket on Telespar Pole (Note: a 2 inch Telespar pole should be used)

Use the supplied 2.5" stainless steel security bolts and nuts to secure the Pole Bracket to the 2" Telespar pole. **Note:** It is very important that the head of the bolt be placed on the Telespar pole (See Figures 4.1 and 4.2) and that the nuts be placed on the inside part of the bracket (see Figures 4.3 and 4.4).

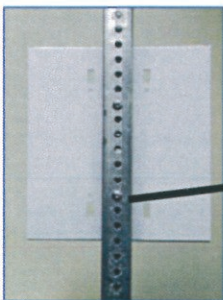


Figure 4.1

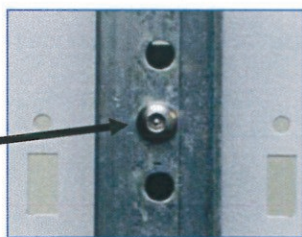


Figure 4.2

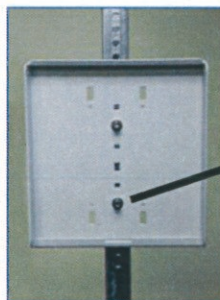


Figure 4.3

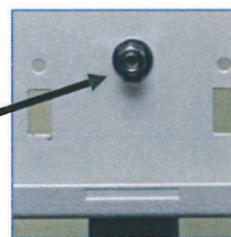


Figure 4.4

Mounting and Dismounting the SafePace 100

The SafePace 100 easily mounts by sliding the sign down onto the Pole Bracket and dismounts by sliding the sign up off of the Pole Bracket. Once mounted, the sign should be locked into place as shown in Figure 5.3.



Figure 5.1

Step 1: Position the sign above the bracket.



Figure 5.2

Step 2: Slide the sign down the bracket.

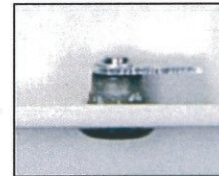


Figure 5.3

Step 3: Lock the sign in place.

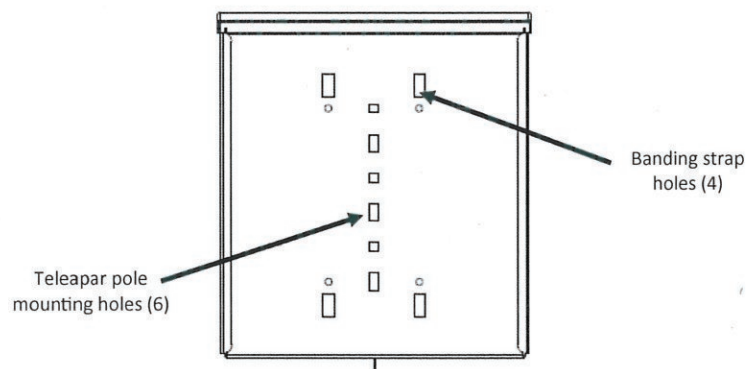


WARNING: To prevent damage to the locking mechanism of the Universal Mounting Bracket System, the key must be removed from the lock and the locking mechanism must be set in the "unlocked" position (see picture on right) BEFORE sliding the sign ON or OFF of the Pole Bracket.



Locking Mechanism in "unlocked" position

Pole Bracket



** Detailed installation instructions (i.e. how to connect the proper power source and optional Solar Panel) are shipped with every SafePace 100 Radar Sign.

Statistics Summary Report

Technician Name: John Smith



Location: Traffic Logix Corp
 Address: 3 Harriett Lane, Spring Valley, NY, 10977
 Speed Limit: 30
 Data Session: Demo Statistics
 Report Period: 4/11/2011 to 4/17/2011
 Total Vehicle Count: 26,370

Hour	Total Vehicles	Average Vehicles	Total Violations	% Violations	Min. Speed	Max. Speed	Avg. Speed	85% Speed
00-01	176	25	56	44 %	8	43	27	32
01-02	156	22	27	32 %	8	38	24	32
02-03	39	6	13	23 %	8	38	27	32
03-04	107	15	21	58 %	8	38	28	37
04-05	79	11	11	43 %	8	38	25	32
05-06	165	24	31	29 %	8	38	25	27
06-07	394	56	143	41 %	13	43	28	32
07-08	1,034	148	467	49 %	8	48	30	32
08-09	1,628	233	756	49 %	8	43	30	32
09-10	1,563	223	628	42 %	8	48	29	32
10-11	1,494	213	569	40 %	8	43	29	32
11-12	1,609	230	670	41 %	8	48	28	32
12-13	1,678	240	710	43 %	8	43	29	32
13-14	1,775	254	767	44 %	8	48	29	32
14-15	1,963	280	832	44 %	8	43	29	32
15-16	2,033	290	907	46 %	8	43	29	32
16-17	2,280	326	955	42 %	8	48	27	32
17-18	2,239	320	979	43 %	8	48	27	32
18-19	1,837	262	778	46 %	8	43	27	32
19-20	1,533	219	607	43 %	8	43	27	32
20-21	1,027	147	362	40 %	8	43	27	32
21-22	679	97	273	46 %	8	48	28	32
22-23	495	71	182	45 %	8	43	28	32
23-24	387	55	118	53 %	8	43	27	32
	26,370	3,767	10,862	43 %	8	43	28	32

Speed	Count
0...5	1,734
5...10	873
10...15	916
15...20	2,965
20...25	9,020
25...30	8,991
30...35	1,720
35...40	143
40...45	8
Total:	26,370

Average Vehicle Count

Technician Name: John Smith



Location: Traffic Logix Corp

Data Session: Demo Statistics

Address: 3 Harriett Lane, Spring Valley, NY, 10977

Report Period: 4/11/2011 to 4/17/2011

Speed Limit: 30

Total Vehicle Count: 26,370

Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Average Weekday	Average Weekend	Average Week	Average Speed	85% Speed
00-01	16	10	52	14	12	29	43	21	36	25	27	32
01-02	3	8	60	3	10	17	55	17	36	22	24	32
02-03	4	2	6	5	1	16	5	4	10	6	27	32
03-04	5	3	76	3	6	7	7	19	7	15	28	37
04-05	3	5	57	7	3	1	3	15	2	11	25	32
05-06	31	27	53	26	13	10	5	30	8	24	25	27
06-07	98	68	62	62	66	25	13	71	19	56	28	32
07-08	207	205	171	230	142	58	21	191	40	148	30	32
08-09	283	305	254	316	295	113	62	291	88	233	30	32
09-10	290	259	191	253	285	195	90	256	142	223	29	32
10-11	268	229	168	233	293	203	100	238	152	213	29	32
11-12	258	200	178	233	330	251	159	240	205	230	28	32
12-13	265	219	200	284	328	204	178	259	191	240	29	32
13-14	323	228	245	287	302	199	H 191	277	195	254	29	32
14-15	356	298	288	353	328	180	160	325	170	280	29	32
15-16	364	328	302	353	358	147	181	341	164	290	29	32
16-17	369	H 357	H 382	383	376	237	176	373	206	326	27	32
17-18	H 426	317	354	H 402	H 395	193	152	379	172	320	27	32
18-19	304	203	262	344	256	H 353	115	274	234	262	27	32
19-20	232	185	218	264	218	320	96	223	208	219	27	32
20-21	152	108	146	141	130	275	75	135	175	147	27	32
21-22	80	80	76	103	99	178	63	88	120	97	28	32
22-23	45	40	57	73	88	150	42	61	96	71	28	32
23-24	22	33	13	33	62	186	38	33	112	55	27	32
TOTAL:	4,404	3,717	3,871	4,405	4,396	3,547	2,030	4,161	2,788	3,767	28	32

Average Speed

Technician Name: John Smith



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Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Average Weekday	Average Weekend	Average Week	Average Speed	85% Speed
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02-03	30	23	17	29	28	32	27	25	30	27	27	32
03-04	30	H 31	9	H 33	32	32	28	27	30	28	28	37
04-05	16	22	11	28	28	H 38	H 33	21	36	25	25	32
05-06	23	24	13	26	26	33	31	22	32	25	25	27
06-07	26	28	28	28	29	32	28	28	30	28	28	32
07-08	29	29	29	29	29	31	32	29	32	30	30	32
08-09	30	29	30	28	29	30	32	29	31	30	30	32
09-10	28	27	29	28	29	30	31	28	30	29	29	32
10-11	28	26	29	29	29	30	31	28	30	29	29	32
11-12	29	23	28	29	29	30	30	28	30	28	28	32
12-13	28	29	28	29	29	31	32	29	32	29	29	32
13-14	29	29	28	29	29	31	30	29	30	29	29	32
14-15	29	29	29	29	29	25	32	29	28	29	29	32
15-16	29	29	30	30	30	27	31	30	29	29	29	32
16-17	29	29	30	29	30	13	32	29	22	27	27	32
17-18	29	28	30	30	30	13	32	29	22	27	27	32
18-19	30	26	31	30	30	12	32	29	22	27	27	32
19-20	31	21	30	31	31	10	32	29	21	27	27	32
20-21	31	26	30	30	30	11	30	29	20	27	27	32
21-22	30	30	30	31	30	12	31	30	22	28	28	32
22-23	31	29	31	31	31	12	30	31	21	28	28	32
23-24	H 32	22	H 33	32	31	10	30	30	20	27	27	32
AVG:	29	27	25	29	30	24	30	28	27	28	28	32

Average Number of Speed Violations

Technician Name: John Smith



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Address: 3 Harriett Lane, Spring Valley, NY, 10977

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Speed Limit: 30

Total Vehicle Count: 26,370

Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Average Weekday	Average Weekend	Average Week	Average Speed	85% Speed
00-01	10	5	4	7	8	16	6	7	11	8	27	32
01-02	1	5	1	0	9	5	6	3	6	4	24	32
02-03	3	0	1	1	0	8	0	1	4	2	27	32
03-04	2	2	1	3	4	5	4	2	4	3	28	37
04-05	0	1	2	3	2	1	2	2	2	2	25	32
05-06	8	3	3	6	1	7	3	4	5	4	25	27
06-07	24	22	27	21	27	16	6	24	11	20	28	32
07-08	83	90	80	102	66	33	13	84	23	67	30	32
08-09	126	H 144	128	129	128	59	42	131	50	108	30	32
09-10	108	86	70	96	113	100	55	95	78	90	29	32
10-11	100	50	55	94	115	97	58	83	78	81	29	32
11-12	106	45	58	117	140	H 124	80	93	102	96	28	32
12-13	97	82	57	115	135	113	111	97	112	101	29	32
13-14	120	101	76	142	128	118	82	113	100	110	29	32
14-15	142	132	114	141	128	68	107	131	88	119	29	32
15-16	139	142	130	166	154	67	109	146	88	130	29	32
16-17	152	128	H 172	172	193	19	H 119	163	69	136	27	32
17-18	H 179	123	166	H 182	H 206	20	103	171	62	140	27	32
18-19	161	74	154	165	133	8	83	137	46	111	27	32
19-20	124	51	106	146	117	1	62	109	32	87	27	32
20-21	95	35	63	67	66	5	31	65	18	52	27	32
21-22	43	36	39	61	53	6	35	46	20	39	28	32
22-23	23	19	32	36	49	1	22	32	12	26	28	32
23-24	15	12	11	24	34	2	20	19	11	17	27	32
TOTAL:	1,861	1,388	1,550	1,996	2,009	899	1,159	1,758	1,032	1,553	28	32

Percentage of Speed Violations

Technician Name: John Smith



Location: Traffic Logix Corp

Data Session: Demo Statistics

Address: 3 Harriett Lane, Spring Valley, NY, 10977

Report Period: 4/11/2011 to 4/17/2011

Speed Limit: 30

Total Vehicle Count: 26,370

Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Average Weekday	Average Weekend	Average Week	Average Speed	85% Speed
00-01	62%	50%	8%	50%	67%	55%	14%	47%	34%	44%	27	32
01-02	33%	62%	2%	0%	H 90%	29%	11%	37%	20%	32%	24	32
02-03	H 75%	0%	17%	20%	0%	50%	0%	22%	25%	23%	27	32
03-04	40%	H 67%	1%	H 100%	67%	71%	57%	55%	64%	58%	28	37
04-05	0%	20%	4%	43%	67%	H 100%	67%	27%	84%	43%	25	32
05-06	26%	11%	6%	23%	8%	70%	60%	15%	65%	29%	25	27
06-07	24%	32%	44%	34%	41%	64%	46%	35%	55%	41%	28	32
07-08	40%	44%	47%	44%	46%	57%	62%	44%	60%	49%	30	32
08-09	45%	47%	50%	41%	43%	52%	68%	45%	60%	49%	30	32
09-10	37%	33%	37%	38%	40%	51%	61%	37%	56%	42%	29	32
10-11	37%	22%	33%	40%	39%	48%	58%	34%	53%	40%	29	32
11-12	41%	22%	33%	50%	42%	49%	50%	38%	50%	41%	28	32
12-13	37%	37%	28%	40%	41%	55%	62%	37%	58%	43%	29	32
13-14	37%	44%	31%	49%	42%	59%	43%	41%	51%	44%	29	32
14-15	40%	44%	40%	40%	39%	38%	67%	41%	52%	44%	29	32
15-16	38%	43%	43%	47%	43%	46%	60%	43%	53%	46%	29	32
16-17	41%	36%	45%	45%	51%	8%	68%	44%	38%	42%	27	32
17-18	42%	39%	47%	45%	52%	10%	68%	45%	39%	43%	27	32
18-19	53%	36%	59%	48%	52%	2%	H 72%	50%	37%	46%	27	32
19-20	53%	28%	49%	55%	54%	0%	65%	48%	32%	43%	27	32
20-21	62%	32%	43%	48%	51%	2%	41%	47%	22%	40%	27	32
21-22	54%	45%	51%	59%	54%	3%	56%	53%	30%	46%	28	32
22-23	51%	48%	56%	49%	56%	1%	52%	52%	26%	45%	28	32
23-24	68%	36%	H 85%	73%	55%	1%	53%	63%	27%	53%	27	32
AVG:	43%	37%	36%	45%	48%	38%	53%	42%	45%	43%	28	32

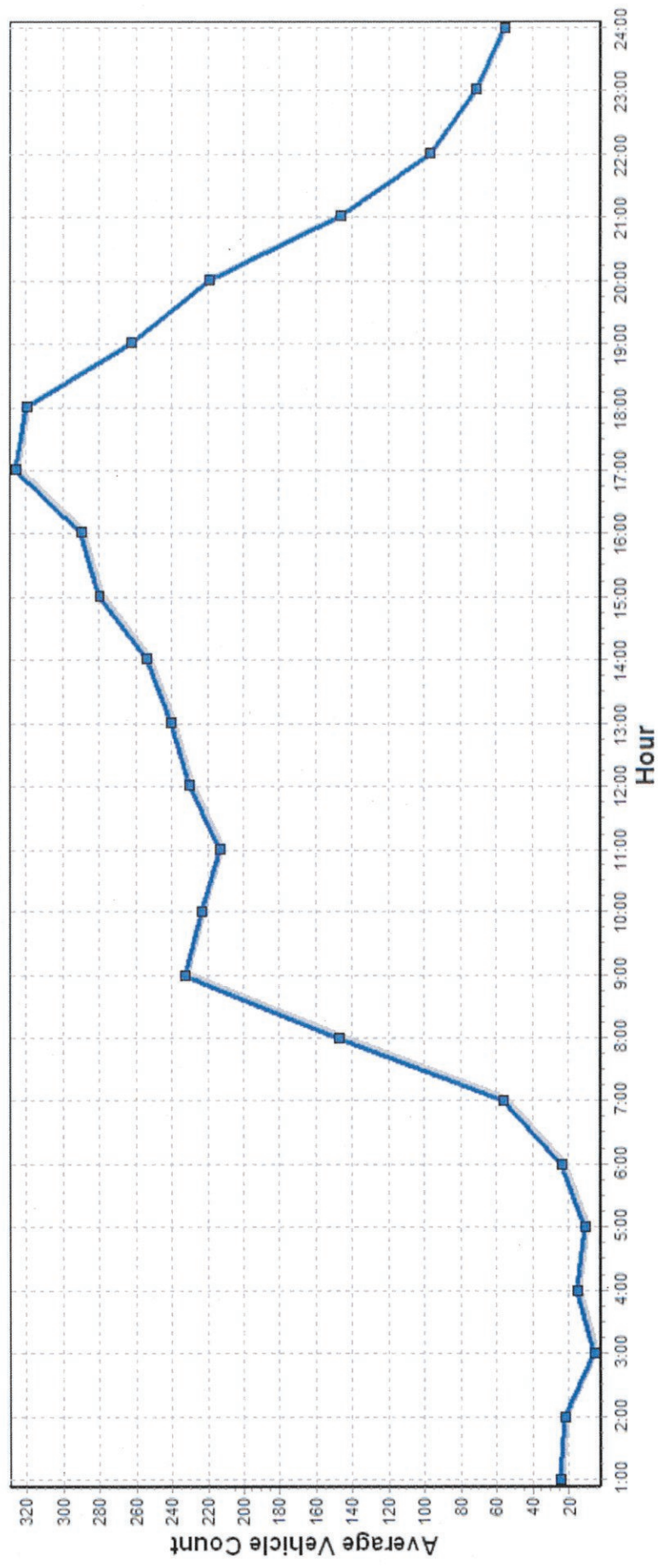
Technician Name: John Smith

Speed Limit: 30



Average Vehicle Count Hourly Values

Traffic Logix Corp (3 Harriett Lane, Spring Valley, NY, 10977)
4/11/2011 to 4/18/2011



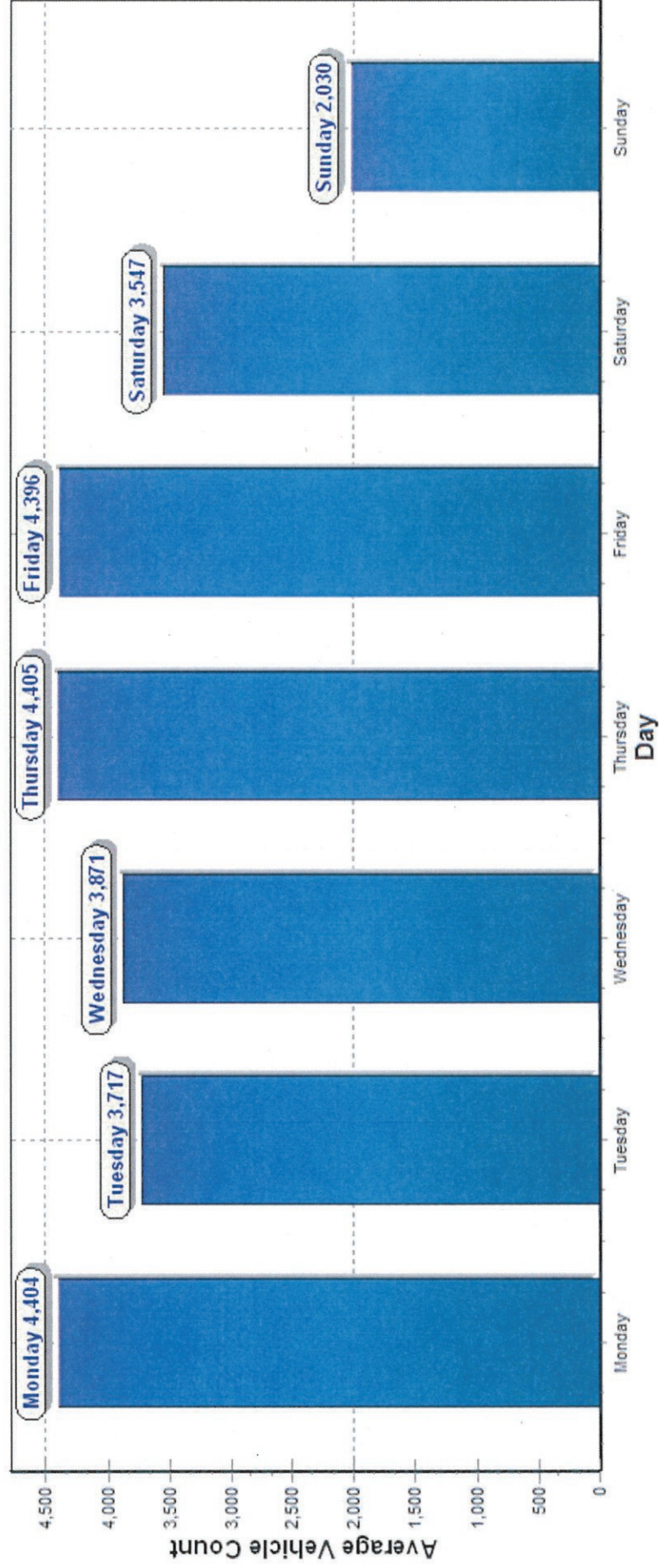
Technician Name: John Smith

Speed Limit: 30



Average Vehicle Count Daily Values

Traffic Logix Corp (3 Harriett Lane, Spring Valley, NY, 10977)
4/11/2011 to 4/18/2011



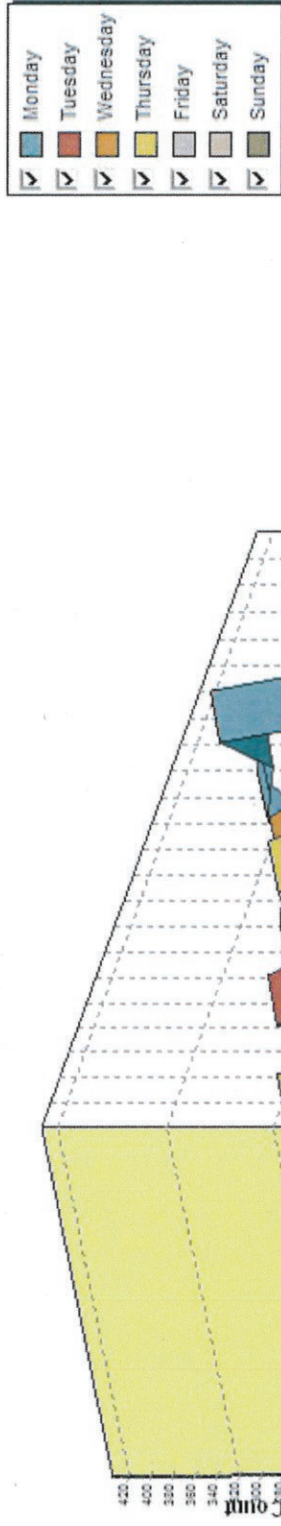
Technician Name: John Smith

Speed Limit: 30



Average Vehicle Count

Traffic Logix Corp (3 Harriett Lane, Spring Valley, NY, 10977)
4/11/2011 to 4/18/2011



Count by Speed Bins

Technician Name: John Smith

Location: Traffic Logix Corp

Address: 3 Harriett Lane, Spring Valley, NY, 10977

Data Session: Demo Statistics

Report Period: 4/11/2011 to 4/17/2011

Speed Limit: 30

Total Vehicle Count: 26,370



		0...5	5...10	10...15	15...20	20...25	25...30	30...35	35...40	40...45	Total
4/11/2011	1:00:00 AM	0	0	0	0	6	9	0	1	0	16
	2:00:00 AM	0	0	0	0	2	1	0	0	0	3
	3:00:00 AM	0	0	0	1	0	3	0	0	0	4
	4:00:00 AM	0	0	0	0	3	2	0	0	0	5
	5:00:00 AM	1	0	1	1	0	0	0	0	0	3
	6:00:00 AM	1	7	2	8	5	7	1	0	0	31
	7:00:00 AM	0	7	9	30	28	19	5	0	0	98
	8:00:00 AM	0	1	11	32	80	70	12	1	0	207
	9:00:00 AM	0	5	10	37	105	96	26	4	0	283
	10:00:00 AM	0	6	28	44	104	82	24	2	0	290
	11:00:00 AM	0	2	21	46	99	85	13	2	0	268
	12:00:00 PM	1	3	15	37	96	92	14	0	0	258
	1:00:00 PM	1	7	15	41	104	77	19	1	0	265
	2:00:00 PM	1	3	12	57	130	101	17	2	0	323
	3:00:00 PM	0	6	19	59	130	106	32	4	0	356
	4:00:00 PM	0	3	16	51	155	121	17	1	0	364
	5:00:00 PM	0	8	15	46	148	122	27	3	0	369
	6:00:00 PM	0	5	19	43	180	155	23	0	1	426
	7:00:00 PM	1	4	4	30	104	128	29	4	0	304
	8:00:00 PM	0	1	3	15	89	106	18	0	0	232
	9:00:00 PM	0	0	1	6	50	83	12	0	0	152
	10:00:00 PM	0	1	2	5	29	39	3	1	0	80
	11:00:00 PM	0	0	0	2	20	20	3	0	0	45
	Total	6	69	203	591	1,667	1,524	295	26	1	4,382
4/12/2011	12:00:00 AM	0	0	0	1	6	13	2	0	0	22
	1:00:00 AM	0	0	0	1	4	4	1	0	0	10
	2:00:00 AM	0	0	0	0	3	5	0	0	0	8
	3:00:00 AM	0	0	1	0	1	0	0	0	0	2
	4:00:00 AM	0	0	0	0	1	2	0	0	0	3
	5:00:00 AM	0	1	1	2	0	1	0	0	0	5
	6:00:00 AM	1	3	1	12	7	2	1	0	0	27
	7:00:00 AM	0	1	8	15	22	14	8	0	0	68
	8:00:00 AM	2	0	12	34	67	81	7	1	1	205
	9:00:00 AM	0	3	13	38	107	125	19	0	0	305
	10:00:00 AM	7	10	19	40	97	77	8	1	0	259
	11:00:00 AM	10	5	14	47	103	45	5	0	0	229
	12:00:00 PM	44	18	4	24	65	40	5	0	0	200
	1:00:00 PM	0	2	13	37	85	64	16	2	0	219
	2:00:00 PM	0	1	13	24	89	85	15	1	0	228

		0...5	5...10	10...15	15...20	20...25	25...30	30...35	35...40	40...45	Total
4/12/2011	3:00:00 PM	0	3	14	42	107	111	19	2	0	298
	4:00:00 PM	1	2	8	42	133	124	18	0	0	328
	5:00:00 PM	1	4	11	54	159	115	13	0	0	357
	6:00:00 PM	14	1	11	36	132	104	17	2	0	317
	7:00:00 PM	33	2	5	20	69	63	11	0	0	203
	8:00:00 PM	70	10	1	11	42	45	5	1	0	185
	9:00:00 PM	13	3	1	15	41	31	4	0	0	108
	10:00:00 PM	0	0	2	10	32	32	4	0	0	80
	11:00:00 PM	3	0	0	1	17	14	5	0	0	40
	Total	199	69	152	506	1,389	1,197	183	10	1	3,706
4/13/2011	12:00:00 AM	12	1	0	0	8	10	2	0	0	33
	1:00:00 AM	28	17	0	0	3	2	1	1	0	52
	2:00:00 AM	49	8	0	0	2	1	0	0	0	60
	3:00:00 AM	2	2	0	0	1	1	0	0	0	6
	4:00:00 AM	66	7	0	0	2	0	1	0	0	76
	5:00:00 AM	35	15	4	0	1	2	0	0	0	57
	6:00:00 AM	35	3	2	8	2	3	0	0	0	53
	7:00:00 AM	0	1	7	10	17	22	4	1	0	62
	8:00:00 AM	0	3	17	17	54	69	11	0	0	171
	9:00:00 AM	0	4	6	24	92	108	20	0	0	254
	10:00:00 AM	0	1	9	33	78	65	4	1	0	191
	11:00:00 AM	0	1	6	25	81	51	4	0	0	168
	12:00:00 PM	1	3	11	32	73	52	6	0	0	178
	1:00:00 PM	0	1	13	42	87	54	3	0	0	200
	2:00:00 PM	0	2	13	37	117	67	9	0	0	245
	3:00:00 PM	0	1	14	48	111	101	13	0	0	288
	4:00:00 PM	0	0	15	31	126	107	23	0	0	302
	5:00:00 PM	0	3	8	28	171	151	18	3	0	382
	6:00:00 PM	0	0	6	38	144	144	20	2	0	354
	7:00:00 PM	0	2	4	23	79	131	22	1	0	262
	8:00:00 PM	1	0	2	18	91	88	18	0	0	218
	9:00:00 PM	0	0	3	11	69	53	8	2	0	146
	10:00:00 PM	0	0	0	6	31	35	4	0	0	76
	11:00:00 PM	0	0	0	5	20	26	6	0	0	57
	Total	229	75	140	436	1,460	1,343	197	11	0	3,891
4/14/2011	12:00:00 AM	0	0	0	0	2	9	1	1	0	13
	1:00:00 AM	0	0	0	1	6	6	0	1	0	14
	2:00:00 AM	0	0	0	1	2	0	0	0	0	3
	3:00:00 AM	0	0	0	1	3	0	1	0	0	5
	4:00:00 AM	0	0	0	0	0	3	0	0	0	3
	5:00:00 AM	0	0	1	2	1	2	1	0	0	7
	6:00:00 AM	0	3	1	9	7	5	1	0	0	26
	7:00:00 AM	0	0	6	15	20	18	3	0	0	62
	8:00:00 AM	2	4	9	22	91	86	15	1	0	230
	9:00:00 AM	2	5	23	54	103	106	21	2	0	316
	10:00:00 AM	2	3	12	51	89	77	17	2	0	253

		0...5	5...10	10...15	15...20	20...25	25...30	30...35	35...40	40...45	Total
4/14/2011	11:00:00 AM	1	7	11	38	82	78	14	2	0	233
	12:00:00 PM	1	5	15	30	65	98	17	1	1	233
	1:00:00 PM	0	4	10	44	111	98	14	3	0	284
	2:00:00 PM	1	2	16	38	88	121	21	0	0	287
	3:00:00 PM	0	2	8	53	149	120	21	0	0	353
	4:00:00 PM	0	2	8	35	142	139	27	0	0	353
	5:00:00 PM	1	5	19	54	132	142	26	4	0	383
	6:00:00 PM	1	4	13	42	160	148	31	3	0	402
	7:00:00 PM	0	4	10	39	126	136	27	2	0	344
	8:00:00 PM	0	0	1	17	100	120	23	3	0	264
	9:00:00 PM	0	2	2	11	59	55	10	2	0	141
	10:00:00 PM	0	0	0	5	37	51	9	0	1	103
	11:00:00 PM	0	0	0	7	30	29	6	1	0	73
	Total	11	52	165	569	1,605	1,647	306	28	2	4,385
4/15/2011	12:00:00 AM	0	0	1	1	7	18	6	0	0	33
	1:00:00 AM	0	0	0	0	4	5	1	2	0	12
	2:00:00 AM	0	0	0	0	1	8	1	0	0	10
	3:00:00 AM	0	0	0	0	1	0	0	0	0	1
	4:00:00 AM	0	0	0	1	1	2	2	0	0	6
	5:00:00 AM	0	0	1	0	0	2	0	0	0	3
	6:00:00 AM	0	0	0	7	5	1	0	0	0	13
	7:00:00 AM	0	1	1	14	23	20	7	0	0	66
	8:00:00 AM	1	0	9	21	45	58	7	1	0	142
	9:00:00 AM	0	1	18	44	104	110	13	5	0	295
	10:00:00 AM	1	6	8	50	107	92	19	2	0	285
	11:00:00 AM	0	1	13	50	114	96	19	0	0	293
	12:00:00 PM	1	5	18	48	118	112	25	3	0	330
	1:00:00 PM	0	2	18	55	118	108	25	2	0	328
	2:00:00 PM	1	3	11	34	125	103	24	1	0	302
	3:00:00 PM	1	2	14	54	129	114	14	0	0	328
	4:00:00 PM	0	1	7	39	157	130	24	0	0	358
	5:00:00 PM	0	3	10	45	125	160	33	0	0	376
	6:00:00 PM	0	1	10	38	140	167	38	1	0	395
	7:00:00 PM	0	2	6	25	90	109	23	1	0	256
	8:00:00 PM	0	0	3	17	81	95	18	4	0	218
	9:00:00 PM	0	2	3	16	43	53	11	2	0	130
	10:00:00 PM	0	0	4	7	35	45	7	1	0	99
	11:00:00 PM	0	0	0	5	34	38	11	0	0	88
	Total	5	30	155	571	1,607	1,646	328	25	0	4,367
4/16/2011	12:00:00 AM	0	0	1	7	20	26	7	1	0	62
	1:00:00 AM	0	0	0	1	12	12	4	0	0	29
	2:00:00 AM	0	0	1	2	9	4	1	0	0	17
	3:00:00 AM	0	0	0	0	8	3	5	0	0	16
	4:00:00 AM	0	0	0	0	2	4	1	0	0	7
	5:00:00 AM	0	0	0	0	0	0	1	0	0	1
	6:00:00 AM	0	0	0	0	3	4	3	0	0	10

		0...5	5...10	10...15	15...20	20...25	25...30	30...35	35...40	40...45	Total
4/16/2011	7:00:00 AM	0	1	0	1	7	9	5	2	0	25
	8:00:00 AM	0	0	3	9	13	22	8	3	0	58
	9:00:00 AM	0	0	6	13	35	42	14	3	0	113
	10:00:00 AM	0	4	10	28	53	77	19	3	1	195
	11:00:00 AM	0	2	8	23	73	74	21	2	0	203
	12:00:00 PM	1	3	8	19	96	91	32	1	0	251
	1:00:00 PM	0	0	6	16	69	87	25	1	0	204
	2:00:00 PM	0	0	2	16	63	86	26	6	0	199
	3:00:00 PM	40	11	1	10	50	54	12	2	0	180
	4:00:00 PM	20	5	0	10	45	60	7	0	0	147
	5:00:00 PM	156	40	2	2	18	19	0	0	0	237
	6:00:00 PM	131	30	2	1	9	16	4	0	0	193
	7:00:00 PM	190	127	13	1	14	7	1	0	0	353
	8:00:00 PM	194	110	7	1	7	1	0	0	0	320
	9:00:00 PM	182	69	2	3	14	5	0	0	0	275
	10:00:00 PM	101	55	3	5	8	6	0	0	0	178
	11:00:00 PM	82	52	1	4	10	1	0	0	0	150
	Total	1,097	509	76	172	638	710	196	24	1	3,423
4/17/2011	12:00:00 AM	131	47	1	2	3	1	1	0	0	186
	1:00:00 AM	12	8	0	3	14	6	0	0	0	43
	2:00:00 AM	41	4	1	0	3	5	1	0	0	55
	3:00:00 AM	0	0	0	1	4	0	0	0	0	5
	4:00:00 AM	1	0	0	0	2	4	0	0	0	7
	5:00:00 AM	0	0	0	0	1	1	1	0	0	3
	6:00:00 AM	0	0	0	0	2	3	0	0	0	5
	7:00:00 AM	0	1	0	5	1	5	0	1	0	13
	8:00:00 AM	0	0	0	1	7	9	3	1	0	21
	9:00:00 AM	0	0	0	5	15	29	10	3	0	62
	10:00:00 AM	0	0	0	7	28	46	9	0	0	90
	11:00:00 AM	0	1	3	7	31	44	13	1	0	100
	12:00:00 PM	0	3	3	12	61	64	13	2	1	159
	1:00:00 PM	0	0	2	4	61	89	22	0	0	178
	2:00:00 PM	0	0	5	29	75	63	18	0	1	191
	3:00:00 PM	0	0	1	5	47	84	22	1	0	160
	4:00:00 PM	0	2	3	9	58	86	21	2	0	181
	5:00:00 PM	0	1	2	8	46	95	21	2	1	176
	6:00:00 PM	0	0	1	4	44	82	19	2	0	152
	7:00:00 PM	1	0	1	6	24	60	20	3	0	115
	8:00:00 PM	0	0	0	2	32	54	8	0	0	96
	9:00:00 PM	0	0	1	4	39	28	3	0	0	75
	10:00:00 PM	1	0	0	1	26	31	3	1	0	63
	11:00:00 PM	0	2	1	2	15	17	5	0	0	42
	Total	187	69	25	117	639	906	213	19	3	2,178
4/18/2011	12:00:00 AM	0	0	0	3	15	18	2	0	0	38
	Total	0	0	0	3	15	18	2	0	0	38
Grand Total		1,734	873	916	2,965	9,020	8,991	1,720	143	8	26,370

Comparison Report

Technician Name: John Smith

Location: Traffic Logix Corp

Data Session 1: [0044] Demo Statistics

Period 1: 4/11/2011 to 4/17/2011

Address: 3 Harriett Lane, Spring Valley, NY, 10977

Data Session 2: [0044] Demo Statistics

Period 2: 4/18/2011 to 4/24/2011

Speed Limit: 30



Summary

Day	Avg. Vehicle Count			Average Speed			Avg. Number of Speed Violations			% of Speed Violations		
	Period 1	Period 2	Difference	Period 1	Period 2	Difference	Period 1	Period 2	Difference	Period 1	Period 2	Difference
Monday	4,404	4,002	-402	29	29	0	1,861	1,511	-350	45 %	40 %	-5 %
Tuesday	3,717	3,349	-368	27	30	3	1,388	1,485	97	38 %	48 %	10 %
Wednesday	3,871	3,800	-71	25	30	5	1,550	1,715	165	36 %	50 %	14 %
Thursday	4,405	3,957	-448	29	30	1	1,996	1,796	-200	47 %	46 %	-1 %
Friday	4,396	3,282	-1,114	30	30	0	2,009	1,537	-472	50 %	50 %	0 %
Saturday	3,547	1,996	-1,551	24	29	5	899	978	79	40 %	47 %	7 %
Sunday	2,030	1,536	-494	30	31	1	1,159	933	-226	55 %	61 %	6 %
Average:	3,767	3,132	-635	28	30	2	1,552	1,422	-130	44 %	49 %	5 %

Speed Bins Statistics

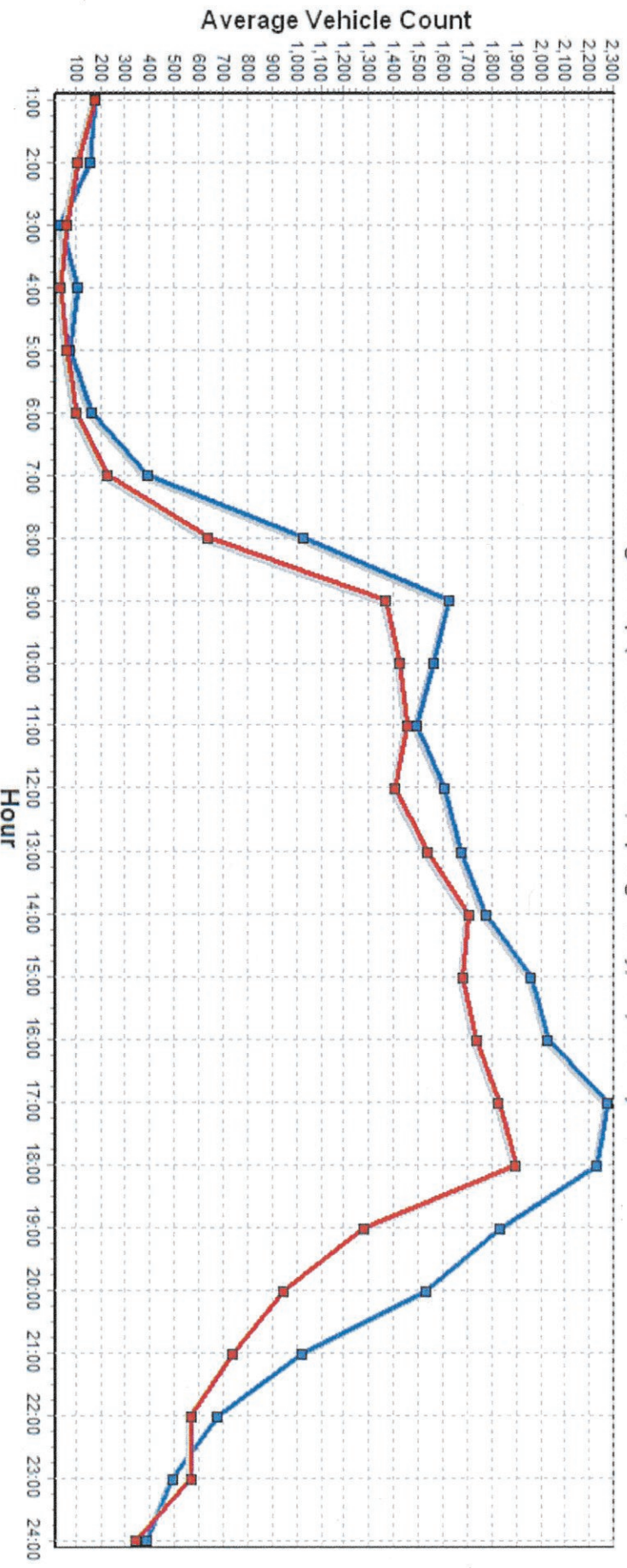
Speed	Total Vehicle Count			% of Vehicle Count			Total Speed Violations			% of Speed Violations		
	Period 1	Period 2	Difference	Period 1	Period 2	Difference	Period 1	Period 2	Difference	Period 1	Period 2	Difference
0 - 5	1,734	212	-1,522	7 %	1 %	-6 %	0	0	0	0 %	0 %	0 %
5 - 10	873	255	-618	3 %	1 %	-2 %	0	0	0	0 %	0 %	0 %
10 - 15	916	919	3	3 %	4 %	1 %	0	0	0	0 %	0 %	0 %
15 - 20	2,965	2,723	-242	11 %	12 %	1 %	0	0	0	0 %	0 %	0 %
20 - 25	9,020	7,858	-1,162	34 %	36 %	2 %	0	0	0	0 %	0 %	0 %
25 - 30	8,991	8,122	-869	34 %	37 %	3 %	0	0	0	0 %	0 %	0 %
30 - 35	1,720	1,695	-25	7 %	8 %	1 %	1,720	1,695	-25	92 %	92 %	1 %
35 - 40	143	128	-15	1 %	1 %	0 %	143	128	-15	8 %	7 %	-1 %
40 - 45	8	8	0	0 %	0 %	0 %	8	8	0	0 %	0 %	0 %
45 - 50	0	2	2	0 %	0 %	0 %	0	2	2	0 %	0 %	0 %
Total:	26,370	21,922	-4,448	100 %	100 %	0 %	1,871	1,833	-38	100 %	100 %	0 %



Technician Name: John Smith
Speed Limit: 30

Comparison Report Average Vehicle Count

Traffic Logix Corp (3 Harriett Lane, Spring Valley, NY, 10977)





Technician Name: John Smith

Speed Limit: 30

Comparison Report Average Vehicle Count

Traffic Logix Corp (3 Harriett Lane, Spring Valley, NY, 10977)

