

From: 01/02 Thru: 12/02 County: KENT Dir: NORTH Mile: 1.13 Thru 1.29

Maint Rd: 25

ALCOHOL RELATED ACCIDENTS BY SEVERITY

	Fatal	Injury	Property	Total
Alcohol Related	0	0	0	0
Non-Alcohol Related	0	2	3	5
Total	0	2	3	5

COLLISION TYPE BY SEVERITY

	Fatal	Injury	Property	Total
Unknown	0	0	0	0
Head On	0	0	0	0
Rear End	0	0	0	0
Side Swipe	0	0	0	0
Angle	0	2	3	5
Other	0	0	0	0
Total	0	2	3	5

SURFACE CONDITIONS

	Nmbr of Accdnts	Pctg of Accdnts
Dry	2	0.40
Wet	3	0.60
Snowy	0	0.00
Icy	0	0.00
Unknown	0	0.00
Total	5	

LIGHTING CONDITIONS

	Nmbr Of Accdnts	Pctg Of Accdnts
Daylight	5	1.00
Dawn/Dusk	0	0.00
Dark/Lit	0	0.00
Dark/Unlit	0	0.00
Unknown	0	0.00
Total	5	

PRIMARY CONTRIBUTING CIRCUMSTANCES

	Nmbr Of Accdnts	Pctg Of Accdnts
N/A	0	0.00
Speed To Fast	0	0.00
Fail To Yield Right-Of-Way	0	0.00
Pass Stop Sign	1	0.20
Disregard Traffic Signal	4	0.80
Drove Left To Center	0	0.00
Improper Passing	0	0.00
Following Too Closely	0	0.00
Made Improper Turn	0	0.00
Driving Under Influence	0	0.00
Mechanical Defects	0	0.00
Inattentive	0	0.00
Careless Driving	0	0.00
Reckless Driving	0	0.00
Other	0	0.00
Unknown	0	0.00
Total	5	

STATE OF DELAWARE
Accident Study

04/01/04
09:22:54

From: 01/02				Thru: 12/02				County: KENT				Maint Rd: 25				Dir: NORTH				Mile: 1.13				Thru 1.29																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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04/01/04
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STATE OF DELAWARE
Accident Study

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From: 01/01 Thru: 12/01 County: KENT Dir: NORTH Mile: 1.13 Thru 1.29

ALCOHOL RELATED ACCIDENTS BY SEVERITY

	Fatal	Injury	Property	Total
Alcohol Related	0	1	0	1
Non-Alcohol Related	0	1	3	4
Total	0	2	3	5

COLLISION TYPE BY SEVERITY

	Fatal	Injury	Property	Total
Unknown	0	0	0	0
Head On	0	0	0	0
Rear End	0	0	0	0
Side Swipe	0	0	0	0
Angle	0	2	3	5
Other	0	0	0	0
Total	0	2	3	5

SURFACE CONDITIONS

	Nmbr of Accdnts	Pctg of Accdnts
Dry	5	1.00
Wet	0	0.00
Snowy	0	0.00
Icy	0	0.00
Unknown	0	0.00
Total	5	

LIGHTING CONDITIONS

	Nmbr Of Accdnts	Pctg Of Accdnts
Daylight	4	0.80
Dawn/Dusk	0	0.00
Dark/Lit	1	0.20
Dark/Unlit	0	0.00
Unknown	0	0.00
Total	5	

PRIMARY CONTRIBUTING CIRCUMSTANCES

	Nmbr Of Accdnts	Pctg Of Accdnts
N/A	0	0.00
Speed To Fast	0	0.00
Fail To Yield Right-Of-Way	0	0.00
Pass Stop Sign	0	0.00
Disregard Traffic Signal	5	1.00
Drove Left To Center	0	0.00
Improper Passing	0	0.00
Following Too Closely	0	0.00
Made Improper Turn	0	0.00
Driving Under Influence	0	0.00
Mechanical Defects	0	0.00
Inattentive	0	0.00
Careless Driving	0	0.00
Reckless Driving	0	0.00
Other	0	0.00
Unknown	0	0.00
Total	5	

STATE OF DELAWARE
Accident Study

04/01/04
09:22:55

From: 01/01										Thru: 12/01		County: KENT				Maint Rd: 25				Dir: NORTH				Mile: 1.13				Thru 1.29																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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04/01/04
09:22:17

From: 01/03 Thru: 12/03 County: KENT Dir: EAST Mile: 7.15 Thru 7.34

Maint Rd: 73

ALCOHOL RELATED ACCIDENTS BY SEVERITY

	Fatal	Injury	Property	Total
Alcohol Related	0	0	0	0
Non-Alcohol Related	0	1	1	2
Total	0	1	1	2

SURFACE CONDITIONS

	Nmbr of Accdnts	Pctg of Accdnts
Dry	2	1.00
Wet	0	0.00
Snowy	0	0.00
Icy	0	0.00
Unknown	0	0.00
Total	2	

LIGHTING CONDITIONS

	Nmbr of Accdnts	Pctg of Accdnts
Daylight	2	1.00
Dawn/Dusk	0	0.00
Dark/Lit	0	0.00
Dark/Unlit	0	0.00
Unknown	0	0.00
Total	2	

PRIMARY CONTRIBUTING CIRCUMSTANCES

	Nmbr of Accdnts	Pctg of Accdnts
N/A	0	0.00
Speed To Fast	0	0.00
Fail To Yield Right-Of-Way	0	0.00
Pass Stop Sign	0	0.00
Disregard Traffic Signal	0	0.00
Drove Left To Center	0	0.00
Improper Passing	0	0.00
Following Too Closely	0	0.00
Made Improper Turn	0	0.00
Driving Under Influence	0	0.00
Mechanical Defects	2	1.00
Inattentive	0	0.00
Careless Driving	0	0.00
Reckless Driving	0	0.00
Other	0	0.00
Unknown	0	0.00
Total	2	

COLLISION TYPE BY SEVERITY

	Fatal	Injury	Property	Total
Unknown	0	0	0	0
Head On	0	0	0	0
Rear End	0	1	1	2
Side Swipe	0	0	0	0
Angle	0	0	0	0
Other	0	0	0	0
Total	0	1	1	2

STATE OF DELAWARE
Accident Study

04/01/04
09:22:16

From: 01/03		Thru: 12/03		County: KENT		Maint Rd: 73		Dir: EAST		Mile: 7.15		Thru 7.34	
C	Y	T	P	D	INTERSECT	TIME	PRPTY	M	P	L	W	S	C
ROAD	SUB	ROAD	SUB	ROAD	ROAD	D	DAMAGE	J	N	C	C	C	C
73	1	5	7.22	14	3	03-07-3138	700	2	1	18	22	27	2
2	73	1	5	7.22	14	3	03-07-3138	700	2	18	22	27	2
2	73	1	5	7.24	14	3	03-03-3402	16:10	1	18	22	27	2

TOTAL NUMBER OF ACCIDENTS: 2

THIS ACCIDENT STUDY WAS GENERATED BY JHALL
SEPARATED YEAR STUDY RUN FOR: 01/01-12/03

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58 56
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35 1 18

From: 01/02 Thru: 12/02 County: KENT Dir: EAST Mile: 7.15 Thru 7.34

ALCOHOL RELATED ACCIDENTS BY SEVERITY

	Fatal	Injury	Property	Total
Alcohol Related	0	0	0	0
Non-Alcohol Related	0	2	2	4
Total	0	2	2	4

COLLISION TYPE BY SEVERITY

	Fatal	Injury	Property	Total
Unknown	0	0	0	0
Head On	0	0	0	0
Rear End	0	1	0	1
Side Swipe	0	0	0	0
Angle	0	1	2	3
Other	0	0	0	0
Total	0	2	2	4

SURFACE CONDITIONS

	Nmbr of Accdnts	Pctg of Accdnts
Dry	4	1.00
Wet	0	0.00
Snowy	0	0.00
Icy	0	0.00
Unknown	0	0.00
Total	4	

LIGHTING CONDITIONS

	Nmbr of Accdnts	Pctg Of Accdnts
Daylight	3	0.75
Dawn/Dusk	0	0.00
Dark/Lit	1	0.25
Dark/Unlit	0	0.00
Unknown	0	0.00
Total	4	

PRIMARY CONTRIBUTING CIRCUMSTANCES

	Nmbr Of Accdnts	Pctg Of Accdnts
N/A	0	0.00
Speed To Fast	0	0.00
Fail To Yield Right-Of_Way	0	0.00
Pass Stop Sign	0	0.00
Disregard Traffic Signal	3	0.75
Drove Left To Center	0	0.00
Improper Passing	0	0.00
Following Too Closely	1	0.25
Made Improper Turn	0	0.00
Driving Under Influence	0	0.00
Mechanical Defects	0	0.00
Inattentive	0	0.00
Careless Driving	0	0.00
Reckless Driving	0	0.00
Other	0	0.00
Unknown	0	0.00
Total	4	

STATE OF DELAWARE
Accident Study

04/01/04
09:22:20

From: 01/02			Thru: 12/02			County: KENT			Maint Rd: 73			Dir: EAST			Mile: 7.15			Thru 7.34																			
C	Y	ROAD	T	P	SUB	D	MILE	INTERSECT		TN	C	YR	MO	ACC	TIME	PRPTY S		M	P	F	I	I	P	D	L	W	S	C	C	D	VEHICLES				T	P	
								ROAD	SUB							DAMAGE	I														J	N	I	A			1
2	73	1	5	7.20	3	14	3	02-01-3537	06:17	5	1800	2	2	N	20	22	27	4	37	45	56	56	32	1	11	32	1	11	32	1	11	32	1	11	32	1	11
2	73	1	5	7.21		14	3	02-04-3423	14:55	2	2	1	N	18	22	27	2	37	53	57	63	32	1	14	32	1	14	32	1	14	32	1	14	32	1	14	
2	73	1	5	7.34	25	14	3	02-02-3527	15:06	2	2500	3	3	N	18	22	27	4	37	45	56	56	32	0	11	32	0	11	32	0	11	32	0	11	32	0	11
2	73	1	5	7.34	25	14	3	02-04-3425	15:55	1	3500	3	3	N	18	22	27	4	37	45	57	57	32	1	11	32	1	11	32	1	11	32	1	11	32	1	11

TOTAL NUMBER OF ACCIDENTS: 4

THIS ACCIDENT STUDY WAS GENERATED BY JHALL
SEPARATED YEAR STUDY RUN FOR: 01/01-12/03

From: 01/01 Thru: 12/01 County: KENT Dir: EAST Mile: 7.15 Thru 7.34

ALCOHOL RELATED ACCIDENTS BY SEVERITY

	Fatal	Injury	Property	Total
Alcohol Related	0	0	0	0
Non-Alcohol Related	0	1	3	4
Total	0	1	3	4

COLLISION TYPE BY SEVERITY

	Fatal	Injury	Property	Total
Unknown	0	0	0	0
Head On	0	0	0	0
Rear End	0	0	1	1
Side Swipe	0	0	0	0
Angle	0	1	1	2
Other	0	0	1	1
Total	0	1	3	4

SURFACE CONDITIONS

	Nmbr of Accdnts	Pctg of Accdnts
Dry	3	0.75
Wet	1	0.25
Snowy	0	0.00
Icy	0	0.00
Unknown	0	0.00
Total	4	

LIGHTING CONDITIONS

	Nmbr of Accdnts	Pctg of Accdnts
Daylight	3	0.75
Dawn/Dusk	0	0.00
Dark/Lit	1	0.25
Dark/Unlit	0	0.00
Unknown	0	0.00
Total	4	

PRIMARY CONTRIBUTING CIRCUMSTANCES

	Nmbr of Accdnts	Pctg of Accdnts
N/A	0	0.00
Speed To Fast	0	0.00
Fail To Yield Right-Of_Way	0	0.00
Pass Stop Sign	0	0.00
Disregard Traffic Signal	2	0.50
Drove Left To Center	0	0.00
Improper Passing	0	0.00
Following Too Closely	0	0.00
Made Improper Turn	1	0.25
Driving Uner Influence	0	0.00
Mechanical Defects	0	0.00
Inattentive	1	0.25
Careless Driving	0	0.00
Reckless Driving	0	0.00
Other	0	0.00
Unknown	0	0.00
Total	4	

STATE OF DELAWARE
Accident Study

04/01/04
09:22:16

From: 01/01				Thru: 12/01		County: KENT				Maint Rd: 73				Dir: EAST				Mile: 7.15				Thru 7.34																
C	Y	ROAD	T	P	SUB	D	MILE	INTERSECT		S	YR	MO	ACC	TIME	D	PRPTY S	F	M	J	N	P	F	I	P	D	L	W	S	C	C	D	VEHICLES				T	P	
								ROAD	SUB																							TN	C	1	2			3
2	73	1	5	7.19	14	3	01-03-3641	16:30	3	2450	3	N	18	22	27	2	37	53	57	58	32	1	18															
2	73	1	5	7.20	14	3	01-01-3312	20:05	7	6000	2	2	20	23	28	4	37	45	56	57	32	1	11															
2	73	1	5	7.20	14	3	01-03-3565	13:38	7	4000	3	N	18	22	27	4	37	45	56	56	32	1	11															
2	73	1	5	7.34	14	3	01-05-3605	09:15	3	1200	3	N	18	22	27	5	45	61	56		32	1	15															

TOTAL NUMBER OF ACCIDENTS: 4

THIS ACCIDENT STUDY WAS GENERATED BY JHALL
SEPARATED YEAR STUDY RUN FOR: 01/01-12/03

03/31/01
09:35:13

STATE OF DELAWARE
ACCIDENT STUDY DOCUMENTATION

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COUNTY = COUNTY in which road is located.

New Castle	1
Kent	2
Sussex	3

ROAD = MAINTENANCE ROAD, MUNICIPAL STREET, SUBURBAN DEVELOPMENT STREET OR RAMP number.

TP = TYPE OF ROAD. Identifies the category of road on which the accident occurred.

Maintenance Road	1
Suburban Development Street	2
Municipal Street	3
Ramp	4
Other	5

SUB = SUBURBAN DEVELOPMENT NUMBER. If this field is other than 0 then accident occurred on a suburban development street. List of valid codes available upon request.

D = DIRECTION of Roadway.

North	1
South	2
East	3
West	4
Two-way	5
Unknown	9

MILE = MILEPOINT at which accident occurred to the nearest hundredth of a mile recorded from the Road Inventory Book.
If an accident occurs at 00.00 it will be coded as 00.01.
If accident cannot be milepointed, value will be 99.99.
Suburban Development Streets and Municipal Streets are not milepointed.

INTERSECT

ROAD = INTERSECTING MAINTENANCE ROAD NUMBER, SUBURBAN DEVELOPMENT STREET, MUNICIPAL STREET or RAMP NUMBER if accident occurred in an intersection.

INTERSECT

SUB = INTERSECTING SUBURBAN DEVELOPMENT NUMBER. If this value is present then accident occurred in a suburban development street intersection. A list of valid codes is available upon request.

TOWN = MUNICIPAL CODE if accident occurred within city limits.

New Castle County

Arden	01
Ardencroft	56
Ardentown	55
Bellefonte	02
Delaware City	12
Elsmere	16
Middletown	33
New Castle	38
Newark	39
Newport	40
Odessa	42
Townsend	49
Wilmington	51

TOWN = MUNICIPAL CODE contd.

Kent County

Bowers	06
Camden	08
Cheswold	09
Clayton	10
Dover	14
Felton	18
Frederica	21
Harrington	24
Hartly	25
Houston	26
Kenton	27
Leipsic	29
Little Creek	31
Magnolia	32
Milford	34
Smyrna	46
Viola	50
Woodside	52
Wyoming	53

Sussex County

Bethany Beach	03
Bethel	04
Blades	05
Bridgeville	07
Dagsboro	11
Delmar	13
Dewey Beach	57
Ellendale	15
Farmington	17
Fenwick Island	19
Frankford	20
Georgetown	22
Greenwood	23
Henlopen Acres	54
Laurel	28
Lewes	30
Milford	34
Millsboro	35
Millville	36
Milton	37
Ocean View	41
Rehoboth	43
Seaford	44
Selbyville	45
Slaughter Beach	47

SC = SYSTEM CLASS

Suburban Development, City or Town Street	0
Rural	1
Municipality (under 5,000)	2
Urban (5,000 and over)	3
Urban Area (Not within municipality)	4
Municipality in Urban Area	5
Cannot code	9

YR = YEAR accident occurred.

MO = MONTH accident occurred.

ACC = ACCIDENT NUMBER. The number associated with an accident in a given month.

TIME = TIME of accident occurrence expressed in military time.

For example: 12:15 a.m. = 00:15; 10:58 a.m. = 10:58; 2:45 p.m. = 14:45; Unknown = 9999

D = DAY OF WEEK during which accident occurred.

Monday	1
Tuesday	2
Wednesday	3
Thursday	4
Friday	5
Saturday	6
Sunday	7

PRPTY

DAMAGE = Total PROPERTY DAMAGE amount caused by accident expressed in dollars.

SI = SEVERITY. The value represents the highest order of severity for the accident with fatals having the highest order, property damage the lowest.

Fatal	1
Injury Accident	2
Property Damage Accident	3

F = Number of FATALITIES. The actual number of persons killed or that die within 90 days after the accident.

MJ = Number of MAJOR INJURIES. The actual number of persons whose injury necessitated his/her being taken from the scene of the accident.

MN = Number of MINOR INJURIES. The actual number of persons whose injury would cover complaint of pain, bruises abrasions, limping, etc. but nothing more serious.

PF = Number of PEDESTRIAN FATALITIES. The actual number of pedestrians killed.

PI = Number of PEDESTRIAN INJURIES. The actual number of pedestrians injured.

DI = DRINKING INVOLVED flag

Drinking not a factor	N
Drinking by one or more drivers involved in the accident	Y

LC = LIGHTING CONDITION

Daylight	18
Dawn/Dusk	19
Dark/Lit	20
Dark/Unlit	21
Unknown	99

WC = WEATHER CONDITION

Clear	22
Rain	23
Snow/Sleet	24
Fog	25
Cloudy	26
Unknown	99

DA = DIRECTIONAL ANALYSIS contd.

All Other Crashes at Intersection

60 Non-motor vehicle: train, bicycle, etc.
61 Fixed Object
62 Overturned
63 Left road

Other

69 Fell from moving vehicle
70 All others
71 Not stated

All Other Crashes Non-Intersection

64 Non-motor vehicle
65 Fixed Object
66 Overturned

VEHICLES= First four types of VEHICLES involved in the accident.

0	Unknown vehicle	63	6-wheel truck
56	Passenger car	64	10-wheel truck
57	Pickup truck	65	Tractor & semi-trailer
58	Van/panel truck	66	Bicycle
59	Farm vehicle	98	Other
60	Motorcycle	99	Unknown
61	Bus	111	Fire apparatus
62	School bus	112	Ambulance
		113	Off-highway vehicle

TCT = TRAFFIC CONTROL TYPE

0	No Control	98	Other
31	Stop Sign	114	Manual Traffic Control
32	Stop & Go Light	115	Railroad Gates
33	Yield Sign	116	Channelization
34	Warning Sign	117	Special Construction
35	Lane Markings	118	Pedestrian Signal
36	Flashing Signal		

TF = TRAFFIC CONTROL FUNCTIONING

0 Unknown
1 Yes
2 No

PC = PRIMARY CONTRIBUTING CIRCUMSTANCE

0	N/A	15	Made improper turn
8	Speed too fast	16	Driving under influence
9	Fail to yield right-of-way	17	Mechanical defects
10	Pass stop sign	18	Inattentive
11	Disregard Traffic Signal	19	Careless driving
12	Drove left to center	20	Reckless driving
13	Improper passing	98	Other
14	Following too closely	99	Unknown



**Rummel,
Klepper
& Kahl, LLP**

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19904
Ph: 302-672-7800
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March 31, 2004

Ms. Joy Hall
Delaware Department of Transportation
800 Bay Road
Dover, DE 19903

Dear Ms. Hall:

With this letter, Rummel, Klepper & Kahl, LLP (RK&K) is requesting accident data for the following locations in Dover, Delaware:

- North Street (K 73) from Governor's Avenue (K 3) to N. State Street (K 25).
- Loockerman Street (K 23) from Governor's Avenue (K 3) to N. State Street (K 25).
- N. State Street (K 25) from Loockerman Street (K 23) to North Street (K 73).
- Governor's Avenue (K 3) from Loockerman Street (K 23) to North Street (K 73).

This data is being requested for a traffic engineering study to be performed by RK&K for the Dover/Kent County Metropolitan Planning Organization and will be used to report safety conditions within the study area. Please be assured that this information will be used for study purposes only and will be used in the strictest confidence. Only aggregated results will be reported.

Please contact me if you have any questions or require additional information. My office number is (302) 672-7800 and my email address is aweiser@rkengineers.com. Thank you for your help.

Sincerely,

Rummel, Klepper & Kahl, LLP

Adam S. Weiser, E.I.
Transportation Engineer

CC: Juanita Wieczoreck, Dover/Kent County MPO
Ray Harbeson, RK&K
Jim Burnett, RK&K

103-097-01
K:\projects\Dover Kent_MPO\North_State - 103-097-01\Accidents\DelDOT Accident Request.doc

APPENDIX D

Traffic Count Data

Rummel, Klepper & Kahl, LLP

Consulting Engineers

1206 Forrest Avenue

Dover, Delaware 19904

Location: State & North

County: Kent

Weather: Clear

Counters: A Weiser

File Name : North_State

Site Code : 00000000

Start Date : 04/20/2004

Page No : 1

Groups Printed- Cars - Trucks

	STATE ST Southbound				NORTH ST Westbound				STATE ST Northbound				NORTH ST Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Factor	1.0	1.0	1.0		1.0	1.0	1.0		1.0	1.0	1.0		1.0	1.0	1.0		
07:15 AM	1	49	2	52	1	25	1	27	6	77	2	85	1	47	3	51	215
07:30 AM	4	70	3	77	0	30	4	34	2	92	3	97	7	40	12	59	267
07:45 AM	6	88	0	94	7	27	3	37	5	105	2	112	1	61	16	78	321
Total	11	207	5	223	8	82	8	98	13	274	7	294	9	148	31	188	803
08:00 AM	1	59	2	62	4	29	1	34	8	87	3	98	9	43	13	65	259
08:15 AM	0	53	2	55	4	29	1	34	9	92	6	107	5	39	5	49	245
08:30 AM	1	66	2	69	8	27	1	36	13	92	3	108	2	28	7	37	250
*** BREAK ***																	
Total	2	178	6	186	16	85	3	104	30	271	12	313	16	110	25	151	754
11:45 AM	0	50	2	52	9	39	3	51	7	103	4	114	6	23	13	42	259
Total	0	50	2	52	9	39	3	51	7	103	4	114	6	23	13	42	259
12:00 PM	1	61	3	65	3	49	4	56	5	115	1	121	8	38	10	56	298
12:15 PM	2	64	5	71	5	33	3	41	12	104	2	118	13	41	10	64	294
12:30 PM	1	76	6	83	3	32	3	38	13	106	2	121	9	32	11	52	294
12:45 PM	2	76	4	82	3	31	3	37	6	92	3	101	10	36	9	55	275
Total	6	277	18	301	14	145	13	172	36	417	8	461	40	147	40	227	1161
01:00 PM	3	73	3	79	7	46	3	56	8	91	5	104	15	31	13	59	298
*** BREAK ***																	
Total	3	73	3	79	7	46	3	56	8	91	5	104	15	31	13	59	298
03:45 PM	1	87	3	91	2	38	4	44	4	98	2	104	5	39	10	54	293
Total	1	87	3	91	2	38	4	44	4	98	2	104	5	39	10	54	293
04:00 PM	2	88	0	90	5	48	5	58	8	103	3	114	7	25	13	45	307
04:15 PM	1	82	4	87	6	53	6	65	9	91	10	110	7	30	8	45	307
04:30 PM	1	90	0	91	9	96	8	113	11	126	5	142	5	28	13	46	392
04:45 PM	2	75	10	87	2	74	3	79	14	116	4	134	7	27	17	51	351
Total	6	335	14	355	22	271	22	315	42	436	22	500	26	110	51	187	1357
05:00 PM	0	93	2	95	14	69	11	94	8	102	0	110	3	33	10	46	345
Grand Total	29	1300	53	1382	92	775	67	934	148	1792	60	2000	120	641	193	954	5270
Apprch %	2.1	94.1	3.8		9.9	83.0	7.2		7.4	89.6	3.0		12.6	67.2	20.2		
Total %	0.6	24.7	1.0	26.2	1.7	14.7	1.3	17.7	2.8	34.0	1.1	38.0	2.3	12.2	3.7	18.1	

Rummel, Klepper & Kahl, LLP

Consulting Engineers

1206 Forrest Avenue

Dover, Delaware 19904

Location: State & North

County: Kent

Weather: Clear

Counters: A Weiser

File Name : North_State

Site Code : 00000000

Start Date : 04/20/2004

Page No : 1

Groups Printed- Cars

	STATE ST Southbound				NORTH ST Westbound				STATE ST Northbound				NORTH ST Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Factor	1.0	1.0	1.0		1.0	1.0	1.0		1.0	1.0	1.0		1.0	1.0	1.0		
07:15 AM	1	47	1	49	1	24	1	26	6	77	2	85	1	46	3	50	210
07:30 AM	4	65	3	72	0	28	4	32	2	87	3	92	7	38	12	57	253
07:45 AM	6	85	0	91	7	27	3	37	5	102	2	109	1	61	16	78	315
Total	11	197	4	212	8	79	8	95	13	266	7	286	9	145	31	185	778
08:00 AM	1	57	2	60	3	29	1	33	8	83	3	94	9	40	13	62	249
08:15 AM	0	49	2	51	4	27	1	32	9	89	6	104	4	37	5	46	233
08:30 AM	1	63	2	66	8	26	1	35	13	89	3	105	2	28	7	37	243
*** BREAK ***																	
Total	2	169	6	177	15	82	3	100	30	261	12	303	15	105	25	145	725
11:45 AM	0	49	2	51	9	39	3	51	7	102	4	113	6	23	12	41	256
Total	0	49	2	51	9	39	3	51	7	102	4	113	6	23	12	41	256
12:00 PM	1	59	3	63	3	48	4	55	5	113	1	119	8	38	10	56	293
12:15 PM	2	62	5	69	5	32	3	40	11	101	2	114	13	39	10	62	285
12:30 PM	1	75	5	81	3	32	3	38	13	102	2	117	9	32	11	52	288
12:45 PM	2	72	4	78	3	30	3	36	6	88	3	97	10	35	9	54	265
Total	6	268	17	291	14	142	13	169	35	404	8	447	40	144	40	224	1131
01:00 PM	3	73	3	79	7	46	3	56	8	89	5	102	14	29	13	56	293
*** BREAK ***																	
Total	3	73	3	79	7	46	3	56	8	89	5	102	14	29	13	56	293
03:45 PM	1	82	3	86	2	38	4	44	4	95	2	101	5	38	10	53	284
Total	1	82	3	86	2	38	4	44	4	95	2	101	5	38	10	53	284
04:00 PM	2	87	0	89	5	45	5	55	8	98	3	109	7	22	13	42	295
04:15 PM	1	80	4	85	6	52	6	64	9	89	10	108	7	29	8	44	301
04:30 PM	1	90	0	91	9	95	8	112	9	124	5	138	5	28	13	46	387
04:45 PM	2	73	10	85	2	72	3	77	14	116	4	134	7	26	17	50	346
Total	6	330	14	350	22	264	22	308	40	427	22	489	26	105	51	182	1329
05:00 PM	0	92	2	94	14	65	11	90	8	100	0	108	3	33	10	46	338
Grand Total	29	1260	51	1340	91	755	67	913	145	1744	60	1949	118	622	192	932	5134
Apprch %	2.2	94.0	3.8		10.0	82.7	7.3		7.4	89.5	3.1		12.7	66.7	20.6		
Total %	0.6	24.5	1.0	26.1	1.8	14.7	1.3	17.8	2.8	34.0	1.2	38.0	2.3	12.1	3.7	18.2	

Rummel, Klepper & Kahl, LLP

Consulting Engineers

1206 Forrest Avenue

Dover, Delaware 19904

Location: State & North

County: Kent

Weather: Clear

Counters: A Weiser

File Name : North_State

Site Code : 00000000

Start Date : 04/20/2004

Page No : 1

Groups Printed- Trucks

	STATE ST Southbound				NORTH ST Westbound				STATE ST Northbound				NORTH ST Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Factor	1.0	1.0	1.0		1.0	1.0	1.0		1.0	1.0	1.0		1.0	1.0	1.0		
07:15 AM	0	2	1	3	0	1	0	1	0	0	0	0	0	1	0	1	5
07:30 AM	0	5	0	5	0	2	0	2	0	5	0	5	0	2	0	2	14
07:45 AM	0	3	0	3	0	0	0	0	0	3	0	3	0	0	0	0	6
Total	0	10	1	11	0	3	0	3	0	8	0	8	0	3	0	3	25
08:00 AM	0	2	0	2	1	0	0	1	0	4	0	4	0	3	0	3	10
08:15 AM	0	4	0	4	0	2	0	2	0	3	0	3	1	2	0	3	12
08:30 AM	0	3	0	3	0	1	0	1	0	3	0	3	0	0	0	0	7
*** BREAK ***																	
Total	0	9	0	9	1	3	0	4	0	10	0	10	1	5	0	6	29
11:45 AM	0	1	0	1	0	0	0	0	0	1	0	1	0	0	1	1	3
Total	0	1	0	1	0	0	0	0	0	1	0	1	0	0	1	1	3
12:00 PM	0	2	0	2	0	1	0	1	0	2	0	2	0	0	0	0	5
12:15 PM	0	2	0	2	0	1	0	1	1	3	0	4	0	2	0	2	9
12:30 PM	0	1	1	2	0	0	0	0	0	4	0	4	0	0	0	0	6
12:45 PM	0	4	0	4	0	1	0	1	0	4	0	4	0	1	0	1	10
Total	0	9	1	10	0	3	0	3	1	13	0	14	0	3	0	3	30
01:00 PM	0	0	0	0	0	0	0	0	0	2	0	2	1	2	0	3	5
*** BREAK ***																	
Total	0	0	0	0	0	0	0	0	0	2	0	2	1	2	0	3	5
03:45 PM	0	5	0	5	0	0	0	0	0	3	0	3	0	1	0	1	9
Total	0	5	0	5	0	0	0	0	0	3	0	3	0	1	0	1	9
04:00 PM	0	1	0	1	0	3	0	3	0	5	0	5	0	3	0	3	12
04:15 PM	0	2	0	2	0	1	0	1	0	2	0	2	0	1	0	1	6
04:30 PM	0	0	0	0	0	1	0	1	2	2	0	4	0	0	0	0	5
04:45 PM	0	2	0	2	0	2	0	2	0	0	0	0	0	1	0	1	5
Total	0	5	0	5	0	7	0	7	2	9	0	11	0	5	0	5	28
05:00 PM	0	1	0	1	0	4	0	4	0	2	0	2	0	0	0	0	7
Grand Total	0	40	2	42	1	20	0	21	3	48	0	51	2	19	1	22	136
Apprch %	0.0	95.2	4.8		4.8	95.2	0.0		5.9	94.1	0.0		9.1	86.4	4.5		
Total %	0.0	29.4	1.5	30.9	0.7	14.7	0.0	15.4	2.2	35.3	0.0	37.5	1.5	14.0	0.7	16.2	

NORTH ST. @ STATE ST.

Adam

4/20/04

Bicycle and Pedestrian Count Sheet								
Intersection:	Counter:				Date:			
Interval Ending	Bicycles				Pedestrians and School Children			
	Northbound	Southbound	Eastbound	Westbound	Across North Leg	Across South Leg	Across East Leg	Across West Leg
6:15 AM								
6:30 AM								
6:45 AM								
7:00 AM								
7:15 AM							1	1
7:30 AM					1		1	1
7:45 AM						1		
8:00 AM							1	
8:15 AM	1		1				1	1
8:30 AM			1		11		1111	
8:45 AM	1							
9:00 AM								
9:15 AM								
9:30 AM								
9:45 AM								
10:00 AM								
10:15 AM								
10:30 AM								
10:45 AM								
11:00 AM								
11:15 AM								
11:30 AM								
11:45 AM					1	1	111	11
12:00 PM			1		1	1		

✓ PEOPLE HAVE TROUBLE MAKING RIGHT TURNS DUE TO SMALL TURNING RADIUS.
ALL LEGS - ALL VEHICLES

• VEHICLES TURN RIGHT ON RED INTO ONCOMING TRAFFIC (WIDE TURNS)
AND ALMOST CAUSE ACCIDENTS. MAKE NO TURNS ON RED!

Rummel, Klepper & Kahl, LLP

Consulting Engineers

Location: Federal @ Loockerman

1206 Forrest Avenue

File Name : Federal_Loockerman

County: Kent

Dover, Delaware 19904

Site Code : 00000000

Weather: Overcast

Start Date : 04/21/2004

Counters: TD & ASW

Page No : 1

Groups Printed- Cars - Trucks

Start Time	FEDERAL ST Southbound					LOOCKERMAN ST Westbound					FEDERAL ST Northbound					LOOCKERMAN ST Eastbound					Int. Total
	Left	Thru	Right	UT	App. Total	Left	Thru	Right	UT	App. Total	Left	Thru	Right	UT	App. Total	Left	Thru	Right	UT	App. Total	
Factor	1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		
07:15 AM	5	6	6	0	17	10	43	0	3	56	15	0	14	0	29	0	94	8	0	102	204
07:30 AM	2	10	6	0	18	14	46	0	2	62	11	0	19	0	30	0	130	5	0	135	245
07:45 AM	6	8	11	0	25	33	46	0	5	84	16	0	13	0	29	0	115	27	2	144	282
Total	13	24	23	0	60	57	135	0	10	202	42	0	46	0	88	0	339	40	2	381	731
08:00 AM	5	6	6	0	17	13	55	0	4	72	8	0	16	0	24	0	112	13	0	125	238
08:15 AM	6	11	18	0	35	11	57	0	1	69	14	0	8	0	22	0	91	14	2	107	233
08:30 AM	7	8	11	0	26	17	61	0	1	79	15	0	17	0	32	0	80	11	0	91	228
*** BREAK ***																					
Total	18	25	35	0	78	41	173	0	6	220	37	0	41	0	78	0	283	38	2	323	699
*** BREAK ***																					
11:45 AM	13	7	20	0	40	11	78	0	4	93	18	0	28	0	46	0	105	9	1	115	294
Total	13	7	20	0	40	11	78	0	4	93	18	0	28	0	46	0	105	9	1	115	294
12:00 PM	5	6	28	0	39	16	66	0	1	83	17	0	28	0	45	0	100	9	0	109	276
12:15 PM	14	8	18	0	40	16	90	0	1	107	18	0	25	0	43	0	119	11	1	131	321
12:30 PM	4	10	15	0	29	26	72	0	4	102	16	0	19	0	35	0	134	15	2	151	317
12:45 PM	6	7	26	0	39	23	90	0	4	117	22	0	32	0	54	0	118	17	3	138	348
Total	29	31	87	0	147	81	318	0	10	409	73	0	104	0	177	0	471	52	6	529	1262
01:00 PM	2	8	21	0	31	29	64	0	1	94	15	0	33	0	48	0	110	8	1	119	292
*** BREAK ***																					
Total	2	8	21	0	31	29	64	0	1	94	15	0	33	0	48	0	110	8	1	119	292
*** BREAK ***																					
03:45 PM	8	9	21	0	38	9	66	0	1	76	19	0	23	0	42	0	129	12	3	144	300
Total	8	9	21	0	38	9	66	0	1	76	19	0	23	0	42	0	129	12	3	144	300
04:00 PM	10	8	19	0	37	10	93	1	1	105	24	0	20	0	44	0	129	11	0	140	326
04:15 PM	19	17	23	0	59	16	93	0	3	112	18	0	20	0	38	0	106	10	0	116	325
04:30 PM	12	17	24	0	53	14	94	0	7	115	21	0	44	1	66	0	119	9	1	129	363
04:45 PM	5	16	17	0	38	19	104	0	5	128	18	0	21	0	39	0	102	8	0	110	315
Total	46	58	83	0	187	59	384	1	16	460	81	0	105	1	187	0	456	38	1	495	1329
05:00 PM	7	19	26	0	52	13	93	0	1	107	11	0	25	0	36	0	142	7	1	150	345
Grand Total	136	181	316	0	633	300	1311	1	49	1661	296	0	405	1	702	0	2035	204	17	2256	5252
Apprch %	21.5	28.6	49.9	0.0		18.1	78.9	0.1	3.0		42.2	0.0	57.7	0.1		0.0	90.2	9.0	0.8		
Total %	2.6	3.4	6.0	0.0	12.1	5.7	25.0	0.0	0.9	31.6	5.6	0.0	7.7	0.0	13.4	0.0	38.7	3.9	0.3	43.0	

Rummel, Klepper & Kahl, LLP

Consulting Engineers

Location: Federal @ Loockerman

1206 Forrest Avenue

File Name : Federal_Loockerman

County: Kent

Dover, Delaware 19904

Site Code : 00000000

Weather: Overcast

Start Date : 04/21/2004

Counters: TD & ASW

Page No : 1

Groups Printed- Cars

	FEDERAL ST Southbound					LOOCKERMAN ST Westbound					FEDERAL ST Northbound					LOOCKERMAN ST Eastbound					
Start Time	Left	Thru	Right	UT	App. Total	Left	Thru	Right	UT	App. Total	Left	Thru	Right	UT	App. Total	Left	Thru	Right	UT	App. Total	Int. Total
Factor	1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		
07:15 AM	5	6	6	0	17	10	41	0	3	54	15	0	14	0	29	0	93	7	0	100	200
07:30 AM	2	9	6	0	17	14	46	0	2	62	10	0	19	0	29	0	127	5	0	132	240
07:45 AM	6	8	11	0	25	33	46	0	5	84	16	0	13	0	29	0	114	27	2	143	281
Total	13	23	23	0	59	57	133	0	10	200	41	0	46	0	87	0	334	39	2	375	721
08:00 AM	5	6	6	0	17	13	54	0	4	71	8	0	15	0	23	0	109	12	0	121	232
08:15 AM	6	11	18	0	35	11	53	0	1	65	14	0	8	0	22	0	89	14	2	105	227
08:30 AM	7	8	11	0	26	17	57	0	1	75	15	0	17	0	32	0	77	11	0	88	221
*** BREAK ***																					
Total	18	25	35	0	78	41	164	0	6	211	37	0	40	0	77	0	275	37	2	314	680
*** BREAK ***																					
11:45 AM	13	7	20	0	40	11	78	0	4	93	18	0	28	0	46	0	103	8	1	112	291
Total	13	7	20	0	40	11	78	0	4	93	18	0	28	0	46	0	103	8	1	112	291
12:00 PM	5	6	28	0	39	16	66	0	1	83	17	0	27	0	44	0	99	7	0	106	272
12:15 PM	13	8	18	0	39	16	85	0	1	102	18	0	24	0	42	0	116	10	1	127	310
12:30 PM	4	10	15	0	29	26	70	0	4	100	16	0	19	0	35	0	131	14	2	147	311
12:45 PM	6	7	25	0	38	23	87	0	4	114	22	0	32	0	54	0	118	17	2	137	343
Total	28	31	86	0	145	81	308	0	10	399	73	0	102	0	175	0	464	48	5	517	1236
01:00 PM	2	8	21	0	31	29	64	0	1	94	13	0	33	0	46	0	108	6	1	115	286
*** BREAK ***																					
Total	2	8	21	0	31	29	64	0	1	94	13	0	33	0	46	0	108	6	1	115	286
*** BREAK ***																					
03:45 PM	8	9	21	0	38	9	66	0	1	76	18	0	23	0	41	0	128	12	3	143	298
Total	8	9	21	0	38	9	66	0	1	76	18	0	23	0	41	0	128	12	3	143	298
04:00 PM	10	8	19	0	37	10	92	1	1	104	24	0	19	0	43	0	129	11	0	140	324
04:15 PM	19	17	23	0	59	16	91	0	3	110	18	0	20	0	38	0	104	10	0	114	321
04:30 PM	12	17	24	0	53	14	94	0	7	115	21	0	44	0	66	0	117	9	1	127	361
04:45 PM	5	16	17	0	38	19	104	0	5	128	18	0	21	0	39	0	102	7	0	109	314
Total	46	58	83	0	187	59	381	1	16	457	81	0	104	1	186	0	452	37	1	490	1320
05:00 PM	7	19	26	0	52	13	93	0	1	107	11	0	25	0	36	0	141	7	1	149	344
Grand Total	135	180	315	0	630	300	1287	1	49	1637	292	0	401	1	694	0	2005	194	16	2215	5176
Apprch %	21.4	28.6	50.0	0.0		18.3	78.6	0.1	3.0		42.1	0.0	57.8	0.1		0.0	90.5	8.8	0.7		
Total %	2.6	3.5	6.1	0.0	12.2	5.8	24.9	0.0	0.9	31.6	5.6	0.0	7.7	0.0	13.4	0.0	38.7	3.7	0.3	42.8	

Rummel, Klepper & Kahl, LLP

Consulting Engineers

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1206 Forrest Avenue

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Dover, Delaware 19904

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Start Date : 04/21/2004

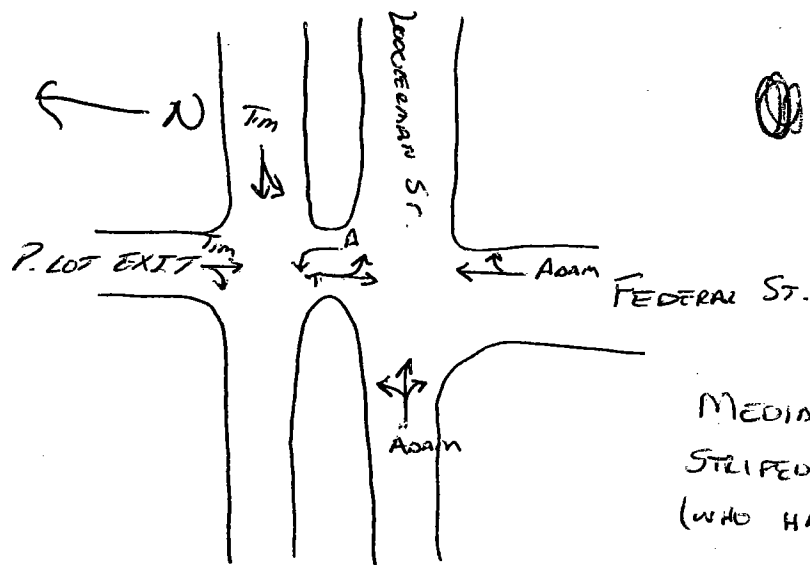
Counters: TD & ASW

Page No : 1

Groups Printed- Trucks

Start Time	FEDERAL ST Southbound					LOOCKERMAN ST Westbound					FEDERAL ST Northbound					LOOCKERMAN ST Eastbound					Int. Total
	Left	Thru	Right	UT	App. Total	Left	Thru	Right	UT	App. Total	Left	Thru	Right	UT	App. Total	Left	Thru	Right	UT	App. Total	
Factor	1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		
07:15 AM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	1	1	0	2	4
07:30 AM	0	1	0	0	1	0	0	0	0	0	1	0	0	0	1	0	3	0	0	3	5
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
Total	0	1	0	0	1	0	2	0	0	2	1	0	0	0	1	0	5	1	0	6	10
08:00 AM	0	0	0	0	0	0	1	0	0	1	0	0	1	0	1	0	3	1	0	4	6
08:15 AM	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	2	0	0	2	6
08:30 AM	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	3	0	0	3	7
*** BREAK ***																					
Total	0	0	0	0	0	0	9	0	0	9	0	0	1	0	1	0	8	1	0	9	19
*** BREAK ***																					
11:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	3	3
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	3	3
12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	2	0	3	4
12:15 PM	1	0	0	0	1	0	5	0	0	5	0	0	1	0	1	0	3	1	0	4	11
12:30 PM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	3	1	0	4	6
12:45 PM	0	0	1	0	1	0	3	0	0	3	0	0	0	0	0	0	0	0	1	1	5
Total	1	0	1	0	2	0	10	0	0	10	0	0	2	0	2	0	7	4	1	12	26
01:00 PM	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	2	2	0	4	6
*** BREAK ***																					
Total	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	2	2	0	4	6
*** BREAK ***																					
03:45 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	1	2
Total	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	1	2
04:00 PM	0	0	0	0	0	0	1	0	0	1	0	0	1	0	1	0	0	0	0	0	2
04:15 PM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	2	0	0	2	4
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	2
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Total	0	0	0	0	0	0	3	0	0	3	0	0	1	0	1	0	4	1	0	5	9
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
Grand Total	1	1	1	0	3	0	24	0	0	24	4	0	4	0	8	0	30	10	1	41	76
Apprch %	33.3	33.3	33.3	0.0		0.0	100.0	0.0	0.0		50.0	0.0	50.0	0.0		0.0	73.2	24.4	2.4		
Total %	1.3	1.3	1.3	0.0	3.9	0.0	31.6	0.0	0.0	31.6	5.3	0.0	5.3	0.0	10.5	0.0	39.5	13.2	1.3	53.9	

Bicycle and Pedestrian Count Sheet								
Intersection:	Counter:				Date:			
Interval Ending	Bicycles				Pedestrians and School Children			
	Northbound	Southbound	Eastbound	Westbound	Across North Leg	Across South Leg	Across East Leg	Across West Leg
6:15 AM								
6:30 AM								
6:45 AM								
7:00 AM								
7:15 AM								
7:30 AM								
7:45 AM			1					1
8:00 AM								
8:15 AM							1	
8:30 AM							1	
8:45 AM								
9:00 AM								
9:15 AM								
9:30 AM								
9:45 AM								
10:00 AM								
10:15 AM								
10:30 AM								
10:45 AM								
11:00 AM								
11:15 AM								
11:30 AM								
11:45 AM					3	3	1	
12:00 PM							11	



LT EB & FB
SHOULD BE UT

MEDIAN AREA NEEDS TO BE
STRIPE AND SIGNED MORE CLEARLY
(WHO HAS ROW?)

Bicycle and Pedestrian Count Sheet

Intersection:		Counter:				Date:			
Interval Ending	Bicycles				Pedestrians and School Children				
	Northbound	Southbound	Eastbound	Westbound	Across North Leg	Across South Leg	Across East Leg	Across West Leg	
12:15 PM							11		
12:30 PM			29	1				1	
12:45 PM								1	
1:00 PM			1				111 1		
1:15 PM									
1:30 PM									
1:45 PM									
2:00 PM									
2:15 PM									
2:30 PM									
2:45 PM									
3:00 PM									
3:15 PM									
3:30 PM									
3:45 PM					2			11	
4:00 PM							1		
4:15 PM							11	1	
4:30 PM							1		
4:45 PM							11		
5:00 PM							11		
5:15 PM									
5:30 PM									
5:45 PM									
6:00 PM									
6:15 PM									
6:30 PM									
6:45 PM									
7:00 PM									

- 1 EB TH TRUCK ON 12:45 INTERVAL

- 3 WB TH CAR

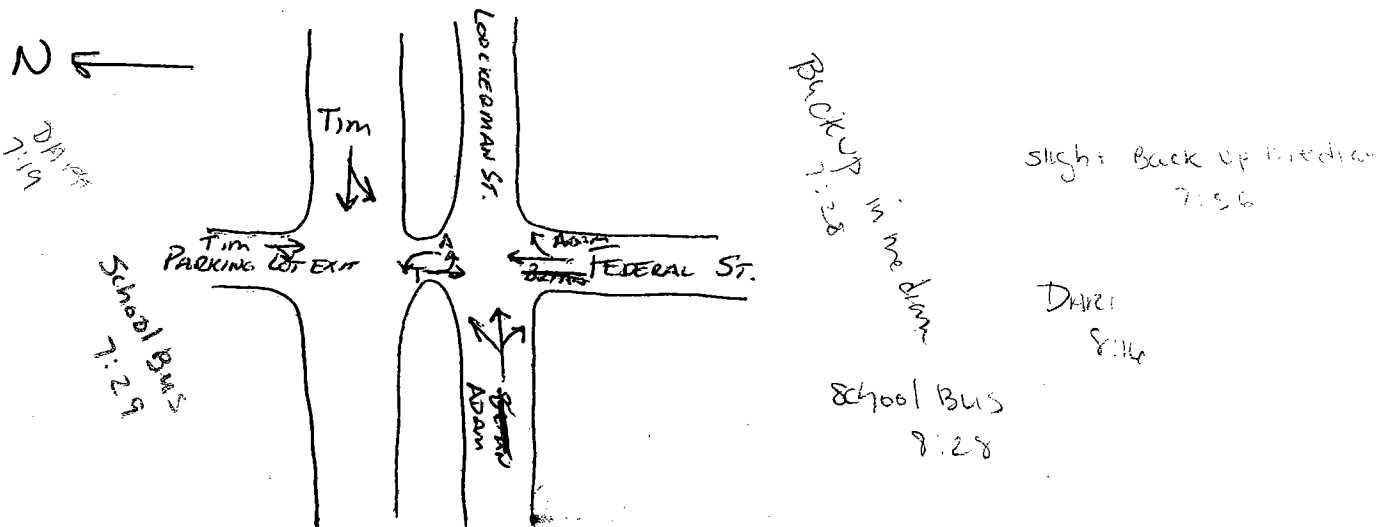
FEDERAL @ LOCKERMAN

Tim

4/21/04

103-897-01A

Bicycle and Pedestrian Count Sheet								
Intersection:	Counter:				Date:			
Interval Ending	Bicycles				Pedestrians and School Children			
	Northbound	Southbound	Eastbound	Westbound	Across North Leg	Across South Leg	Across East Leg	Across West Leg
6:15 AM								
6:30 AM								
6:45 AM								
7:00 AM								
7:15 AM								
7:30 AM			1		1	11		
7:45 AM					111	1	1	1
8:00 AM						11		
8:15 AM					1	1	1	
8:30 AM					1	111		
8:45 AM								
9:00 AM								
9:15 AM								
9:30 AM								
9:45 AM								
10:00 AM								
10:15 AM								
10:30 AM								
10:45 AM								
11:00 AM								
11:15 AM								
11:30 AM								
11:45 AM					1111	11111111		
12:00 PM					11	11111111		



Bicycle and Pedestrian Count Sheet

Intersection:	Counter:				Date:			
Interval Ending	Bicycles				Pedestrians and School Children			
	Northbound	Southbound	Eastbound	Westbound	Across North Leg	Across South Leg	Across East Leg	Across West Leg
12:15 PM								
12:30 PM								
12:45 PM								
1:00 PM				1				
1:15 PM								
1:30 PM								
1:45 PM								
2:00 PM								
2:15 PM								
2:30 PM								
2:45 PM								
3:00 PM								
3:15 PM								
3:30 PM								
3:45 PM					1	1		
4:00 PM								
4:15 PM						1		
4:30 PM								
4:45 PM								
5:00 PM								
5:15 PM								
5:30 PM								
5:45 PM								
6:00 PM								
6:15 PM								
6:30 PM								
6:45 PM								
7:00 PM								

10:15 (deduct 1 truck)

DART 16:12 school Bus

4:36 Backup @ post office

Back up in median 16:12

17:55 DART

Rummel, Klepper & Kahl, LLP

Consulting Engineers

Location: State @ Loockerman

County: Kent

Weather: Overcast

Counters: TM & BM

1206 Forrest Avenue

Dover, Delaware 19904

File Name : State_Loockerman

Site Code : 00000000

Start Date : 04/21/2004

Page No : 1

Groups Printed- Cars - Trucks

	STATE ST Southbound				LOOCKERMAN ST Westbound				STATE ST Northbound				LOOCKERMAN ST Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Factor	1.0	1.0	1.0		1.0	1.0	1.0		1.0	1.0	1.0		1.0	1.0	1.0		
07:15 AM	21	51	2	74	0	30	25	55	8	71	3	82	3	76	6	85	296
07:30 AM	23	63	5	91	0	39	37	76	1	68	10	79	0	101	6	107	353
07:45 AM	40	77	4	121	0	29	36	65	10	111	6	127	1	105	8	114	427
Total	84	191	11	286	0	98	98	196	19	250	19	288	4	282	20	306	1076
08:00 AM	35	77	1	113	0	27	36	63	8	62	10	80	0	83	5	88	344
08:15 AM	28	30	3	61	1	37	48	86	5	87	12	104	0	73	9	82	333
08:30 AM	21	60	8	89	0	48	34	82	9	64	14	87	0	65	7	72	330
*** BREAK ***																	
Total	84	167	12	263	1	112	118	231	22	213	36	271	0	221	21	242	1007
*** BREAK ***																	
11:45 AM	25	76	11	112	0	59	51	110	9	67	8	84	0	81	14	95	401
Total	25	76	11	112	0	59	51	110	9	67	8	84	0	81	14	95	401
12:00 PM	19	55	5	79	0	53	74	127	8	93	14	115	1	86	8	95	416
12:15 PM	27	65	10	102	1	44	60	105	15	86	10	111	1	82	2	85	403
12:30 PM	39	67	3	109	1	42	64	107	7	78	18	103	0	102	9	111	430
12:45 PM	40	49	5	94	1	68	60	129	9	62	6	77	0	102	15	117	417
Total	125	236	23	384	3	207	258	468	39	319	48	406	2	372	34	408	1666
01:00 PM	37	61	6	104	4	50	55	109	6	83	14	103	0	77	21	98	414
*** BREAK ***																	
Total	37	61	6	104	4	50	55	109	6	83	14	103	0	77	21	98	414
*** BREAK ***																	
03:45 PM	33	78	2	113	0	47	52	99	8	85	14	107	1	113	13	127	446
Total	33	78	2	113	0	47	52	99	8	85	14	107	1	113	13	127	446
04:00 PM	30	81	2	113	2	63	68	133	5	91	16	112	0	92	10	102	460
04:15 PM	21	84	3	108	0	73	66	139	12	68	18	98	0	79	10	89	434
04:30 PM	35	85	6	126	0	75	73	148	8	102	15	125	0	81	15	96	495
04:45 PM	25	62	3	90	1	67	71	139	11	88	14	113	0	80	15	95	437
Total	111	312	14	437	3	278	278	559	36	349	63	448	0	332	50	382	1826
05:00 PM	36	95	4	135	0	66	61	127	4	86	17	107	1	93	7	101	470
Grand Total	535	1216	83	1834	11	917	971	1899	143	1452	219	1814	8	1571	180	1759	7306
Apprch %	29.2	66.3	4.5		0.6	48.3	51.1		7.9	80.0	12.1		0.5	89.3	10.2		
Total %	7.3	16.6	1.1	25.1	0.2	12.6	13.3	26.0	2.0	19.9	3.0	24.8	0.1	21.5	2.5	24.1	

Rummel, Klepper & Kahl, LLP

Consulting Engineers

Location: State @ Loockerman

County: Kent

Weather: Overcast

Counters: TM & BM

1206 Forrest Avenue

Dover, Delaware 19904

File Name : State_Loockerman

Site Code : 00000000

Start Date : 04/21/2004

Page No : 1

Groups Printed- Cars

	STATE ST Southbound				LOOCKERMAN ST Westbound				STATE ST Northbound				LOOCKERMAN ST Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Factor	1.0	1.0	1.0		1.0	1.0	1.0		1.0	1.0	1.0		1.0	1.0	1.0		
07:15 AM	21	49	2	72	0	28	24	52	8	71	3	82	3	73	5	81	287
07:30 AM	23	58	5	86	0	38	36	74	1	63	9	73	0	99	5	104	337
07:45 AM	39	76	4	119	0	29	36	65	10	109	6	125	1	105	8	114	423
Total	83	183	11	277	0	95	96	191	19	243	18	280	4	277	18	299	1047
08:00 AM	35	74	1	110	0	27	35	62	8	59	10	77	0	80	4	84	333
08:15 AM	28	29	3	60	1	35	47	83	5	84	12	101	0	73	9	82	326
08:30 AM	21	57	8	86	0	45	34	79	9	61	14	84	0	62	7	69	318
*** BREAK ***																	
Total	84	160	12	256	1	107	116	224	22	204	36	262	0	215	20	235	977
11:45 AM	23	72	11	106	0	59	51	110	9	67	8	84	0	78	14	92	392
Total	23	72	11	106	0	59	51	110	9	67	8	84	0	78	14	92	392
12:00 PM	18	53	5	76	0	53	74	127	8	89	14	111	1	84	8	93	407
12:15 PM	25	62	10	97	1	44	58	103	15	78	10	103	1	78	2	81	384
12:30 PM	38	63	3	104	1	42	62	105	7	75	18	100	0	100	9	109	418
12:45 PM	40	45	5	90	1	66	58	125	9	61	6	76	0	102	15	117	408
Total	121	223	23	367	3	205	252	460	39	303	48	390	2	364	34	400	1617
01:00 PM	36	61	6	103	4	50	54	108	6	81	14	101	0	74	20	94	406
*** BREAK ***																	
Total	36	61	6	103	4	50	54	108	6	81	14	101	0	74	20	94	406
03:45 PM	33	76	2	111	0	47	51	98	8	84	13	105	1	113	12	126	440
Total	33	76	2	111	0	47	51	98	8	84	13	105	1	113	12	126	440
04:00 PM	30	80	2	112	2	63	67	132	5	88	16	109	0	91	10	101	454
04:15 PM	21	82	3	106	0	71	66	137	12	68	17	97	0	78	9	87	427
04:30 PM	35	84	6	125	0	75	73	148	8	98	15	121	0	79	15	94	488
04:45 PM	25	60	3	88	1	67	71	139	11	88	14	113	0	80	15	95	435
Total	111	306	14	431	3	276	277	556	36	342	62	440	0	328	49	377	1804
05:00 PM	36	95	4	135	0	66	61	127	4	84	17	105	1	93	7	101	468
Grand Total	527	1176	83	1786	11	905	958	1874	143	1408	216	1767	8	1542	174	1724	7151
Apprch %	29.5	65.8	4.6		0.6	48.3	51.1		8.1	79.7	12.2		0.5	89.4	10.1		
Total %	7.4	16.4	1.2	25.0	0.2	12.7	13.4	26.2	2.0	19.7	3.0	24.7	0.1	21.6	2.4	24.1	

Rummel, Klepper & Kahl, LLP

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Start Date : 04/21/2004

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Groups Printed- Trucks

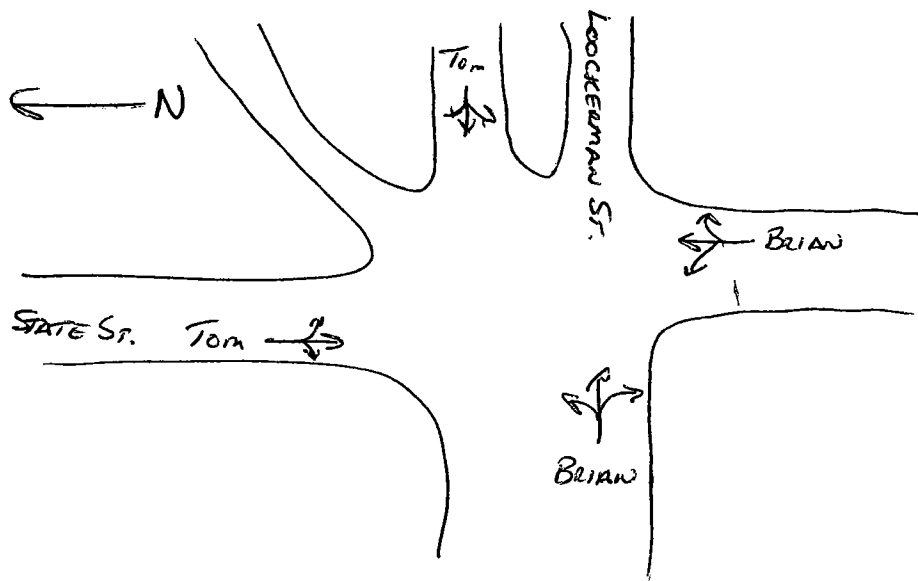
	STATE ST Southbound				LOOCKERMAN ST Westbound				STATE ST Northbound				LOOCKERMAN ST Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Factor	1.0	1.0	1.0		1.0	1.0	1.0		1.0	1.0	1.0		1.0	1.0	1.0		
07:15 AM	0	2	0	2	0	2	1	3	0	0	0	0	0	3	1	4	9
07:30 AM	0	5	0	5	0	1	1	2	0	5	1	6	0	2	1	3	16
07:45 AM	1	1	0	2	0	0	0	0	0	2	0	2	0	0	0	0	4
Total	1	8	0	9	0	3	2	5	0	7	1	8	0	5	2	7	29
08:00 AM	0	3	0	3	0	0	1	1	0	3	0	3	0	3	1	4	11
08:15 AM	0	1	0	1	0	2	1	3	0	3	0	3	0	0	0	0	7
08:30 AM	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	12
*** BREAK ***																	
Total	0	7	0	7	0	5	2	7	0	9	0	9	0	6	1	7	30
*** BREAK ***																	
11:45 AM	2	4	0	6	0	0	0	0	0	0	0	0	0	3	0	3	9
Total	2	4	0	6	0	0	0	0	0	0	0	0	0	3	0	3	9
12:00 PM	1	2	0	3	0	0	0	0	0	4	0	4	0	2	0	2	9
12:15 PM	2	3	0	5	0	0	2	2	0	8	0	8	0	4	0	4	19
12:30 PM	1	4	0	5	0	0	2	2	0	3	0	3	0	2	0	2	12
12:45 PM	0	4	0	4	0	2	2	4	0	1	0	1	0	0	0	0	9
Total	4	13	0	17	0	2	6	8	0	16	0	16	0	8	0	8	49
01:00 PM	1	0	0	1	0	0	1	1	0	2	0	2	0	3	1	4	8
*** BREAK ***																	
Total	1	0	0	1	0	0	1	1	0	2	0	2	0	3	1	4	8
*** BREAK ***																	
03:45 PM	0	2	0	2	0	0	1	1	0	1	1	2	0	0	1	1	6
Total	0	2	0	2	0	0	1	1	0	1	1	2	0	0	1	1	6
04:00 PM	0	1	0	1	0	0	1	1	0	3	0	3	0	1	0	1	6
04:15 PM	0	2	0	2	0	2	0	2	0	0	1	1	0	1	1	2	7
04:30 PM	0	1	0	1	0	0	0	0	0	4	0	4	0	2	0	2	7
04:45 PM	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
Total	0	6	0	6	0	2	1	3	0	7	1	8	0	4	1	5	22
05:00 PM	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	2
Grand Total	8	40	0	48	0	12	13	25	0	44	3	47	0	29	6	35	155
Apprch %	16.7	83.3	0.0		0.0	48.0	52.0		0.0	93.6	6.4		0.0	82.9	17.1		
Total %	5.2	25.8	0.0	31.0	0.0	7.7	8.4	16.1	0.0	28.4	1.9	30.3	0.0	18.7	3.9	22.6	

STATE ST. & LOCKERMAN ST.

BRIAN

4/21/0A

Bicycle and Pedestrian Count Sheet								
Intersection:		Counter:				Date:		
Interval Ending	Bicycles				Pedestrians and School Children			
	Northbound	Southbound	Eastbound	Westbound	Across North Leg	Across South Leg	Across East Leg	Across West Leg
6:15 AM								
6:30 AM								
6:45 AM								
7:00 AM								
7:15 AM								
7:30 AM								
7:45 AM								
8:00 AM								
8:15 AM			1					
8:30 AM								
8:45 AM								
9:00 AM								
9:15 AM								
9:30 AM								
9:45 AM								
10:00 AM								
10:15 AM								
10:30 AM								
10:45 AM								
11:00 AM								
11:15 AM								
11:30 AM								
11:45 AM								
12:00 PM								

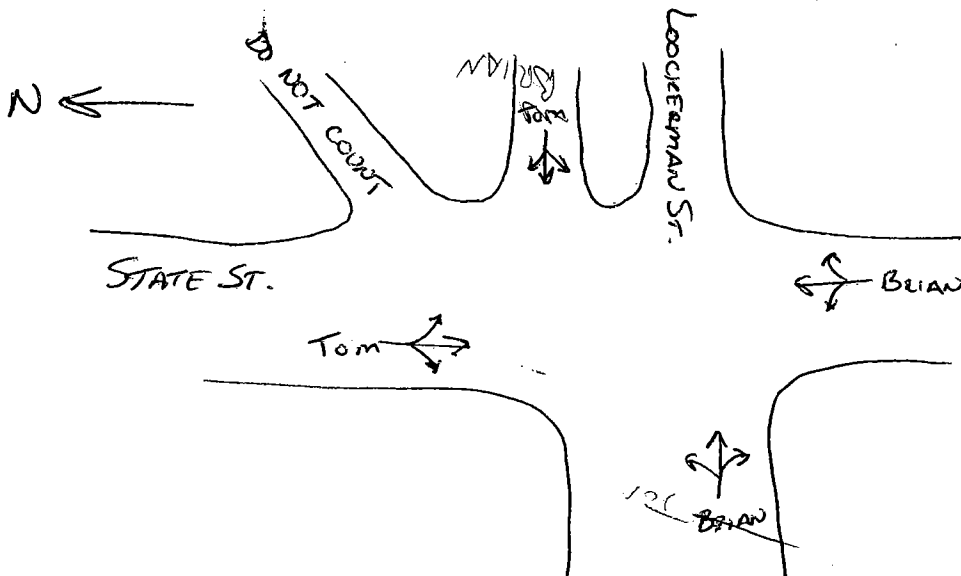


STATE ST. (N/S) @ LOUCKERMAN ST. (E/W)

Tom

4/21/04

Bicycle and Pedestrian Count Sheet								
Intersection:		Counter:				Date:		
Interval Ending	Bicycles				Pedestrians and School Children			
	Northbound	Southbound	Eastbound	Westbound	Across North Leg	Across South Leg	Across East Leg	Across West Leg
6:15 AM								
6:30 AM								
6:45 AM								
7:00 AM								
7:15 AM								
7:30 AM								
7:45 AM								
8:00 AM					I			
8:15 AM					II			
8:30 AM								
8:45 AM					1/			
9:00 AM								
9:15 AM								
9:30 AM								
9:45 AM								
10:00 AM								
10:15 AM								
10:30 AM								
10:45 AM								
11:00 AM								
11:15 AM								
11:30 AM								
11:45 AM								
12:00 PM					IIII			



Intersection:		Counter:				Date:			
Interval Ending	Bicycles				Pedestrians and School Children				
	Northbound	Southbound	Eastbound	Westbound	Across North Leg	Across South Leg	Across East Leg	Across West Leg	
12:15 PM					1				
12:30 PM					111				
12:45 PM	1				111			1111	
1:00 PM					111			1111	
1:15 PM					11				
1:30 PM					11				
1:45 PM									
2:00 PM									
2:15 PM									
2:30 PM									
2:45 PM									
3:00 PM									
3:15 PM									
3:30 PM									
3:45 PM									
4:00 PM					1111				
4:15 PM									
4:30 PM					111				
4:45 PM									
5:00 PM									
5:15 PM									
5:30 PM									
5:45 PM									
6:00 PM									
6:15 PM									
6:30 PM									
6:45 PM									
7:00 PM									

Intersection:

Counter:

Date:

Interval
Ending

Bicycles

Pedestrians and School Children

Northbound

Southbound

Eastbound

Westbound

Across North Leg

Across South Leg

Across East Leg

Across West Leg

12:15 PM

12:30 PM

12:45 PM

1:00 PM

1:15 PM

1:30 PM

1:45 PM

2:00 PM

2:15 PM

2:30 PM

2:45 PM

3:00 PM

3:15 PM

3.30 PM

3.45 FM

0.15 D

3.005

Rummel, Klepper & Kahl, LLP

Consulting Engineers

Location: Bradford @ Loockerman

1206 Forrest Avenue

File Name : Bradford_Loockerman

County: Kent

Dover, Delaware 19904

Site Code : 00000000

Weather: Clear

Start Date : 04/20/2004

Counters: C Kilpatrick

Page No : 1

Groups Printed- Cars - Trucks

	BRADFORD ST Southbound				LOOCKERMAN ST Westbound				BRADFORD ST Northbound				LOOCKERMAN ST Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Factor	1.0	1.0	1.0		1.0	1.0	1.0		1.0	1.0	1.0		1.0	1.0	1.0		
07:15 AM	1	0	3	4	0	23	4	27	0	0	0	0	2	96	0	98	129
07:30 AM	0	0	0	0	0	28	3	31	0	0	0	0	2	100	0	102	133
07:45 AM	4	0	3	7	0	32	8	40	0	0	0	0	2	118	0	120	167
Total	5	0	6	11	0	83	15	98	0	0	0	0	6	314	0	320	429
08:00 AM	1	0	0	1	0	32	9	41	0	0	0	0	5	88	0	93	135
08:15 AM	6	0	0	6	0	35	7	42	0	0	0	0	2	71	0	73	121
08:30 AM	1	0	3	4	0	48	4	52	0	0	0	0	7	80	0	87	143
*** BREAK ***																	
Total	8	0	3	11	0	115	20	135	0	0	0	0	14	239	0	253	399
11:45 AM	3	0	9	12	0	66	10	76	0	0	0	0	12	103	0	115	203
Total	3	0	9	12	0	66	10	76	0	0	0	0	12	103	0	115	203
12:00 PM	6	0	10	16	0	68	12	80	0	0	0	0	8	93	0	101	197
12:15 PM	8	0	12	20	0	63	15	78	0	0	0	0	8	113	0	121	219
12:30 PM	9	0	14	23	0	68	17	85	0	0	0	0	15	98	0	113	221
12:45 PM	3	0	8	11	0	60	10	70	0	0	0	0	10	94	0	104	185
Total	26	0	44	70	0	259	54	313	0	0	0	0	41	398	0	439	822
01:00 PM	10	0	15	25	0	71	11	82	0	0	0	0	10	100	0	110	217
*** BREAK ***																	
Total	10	0	15	25	0	71	11	82	0	0	0	0	10	100	0	110	217
03:45 PM	6	0	5	11	0	65	10	75	0	0	0	0	4	93	0	97	183
Total	6	0	5	11	0	65	10	75	0	0	0	0	4	93	0	97	183
04:00 PM	3	0	2	5	0	62	7	69	0	0	0	0	2	91	0	93	167
04:15 PM	3	0	6	9	0	72	5	77	0	0	0	0	7	93	0	100	186
04:30 PM	7	0	5	12	0	82	5	87	0	0	0	0	8	99	0	107	206
04:45 PM	7	0	5	12	0	78	6	84	0	0	0	0	7	83	0	90	186
Total	20	0	18	38	0	294	23	317	0	0	0	0	24	366	0	390	745
05:00 PM	4	0	4	8	0	76	9	85	0	0	0	0	4	94	0	98	191
Grand Total	82	0	104	186	0	1029	152	1181	0	0	0	0	115	1707	0	1822	3189
Apprch %	44.1	0.0	55.9		0.0	87.1	12.9		0.0	0.0	0.0		6.3	93.7	0.0		
Total %	2.6	0.0	3.3	5.8	0.0	32.3	4.8	37.0	0.0	0.0	0.0	0.0	3.6	53.5	0.0	57.1	

Rummel, Klepper & Kahl, LLP

Consulting Engineers

Location: Bradford @ Loockerman
County: Kent
Weather: Clear
Counters: C Kilpatrick

1206 Forrest Avenue
Dover, Delaware 19904

File Name : Bradford_Loockerman
Site Code : 00000000
Start Date : 04/20/2004
Page No : 1

Groups Printed- Cars

Start Time	BRADFORD ST Southbound				LOOCKERMAN ST Westbound				BRADFORD ST Northbound				LOOCKERMAN ST Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Factor	1.0	1.0	1.0		1.0	1.0	1.0		1.0	1.0	1.0		1.0	1.0	1.0		
07:15 AM	1	0	3	4	0	21	4	25	0	0	0	0	2	95	0	97	126
07:30 AM	0	0	0	0	0	28	2	30	0	0	0	0	2	96	0	98	128
07:45 AM	3	0	2	5	0	32	8	40	0	0	0	0	2	114	0	116	161
Total	4	0	5	9	0	81	14	95	0	0	0	0	6	305	0	311	415
08:00 AM	1	0	0	1	0	30	9	39	0	0	0	0	5	88	0	93	133
08:15 AM	6	0	0	6	0	34	7	41	0	0	0	0	2	70	0	72	119
08:30 AM	1	0	3	4	0	47	4	51	0	0	0	0	7	78	0	85	140
*** BREAK ***																	
Total	8	0	3	11	0	111	20	131	0	0	0	0	14	236	0	250	392
11:45 AM	3	0	9	12	0	66	10	76	0	0	0	0	12	103	0	115	203
Total	3	0	9	12	0	66	10	76	0	0	0	0	12	103	0	115	203
12:00 PM	6	0	10	16	0	68	12	80	0	0	0	0	8	93	0	101	197
12:15 PM	8	0	12	20	0	63	15	78	0	0	0	0	8	113	0	121	219
12:30 PM	9	0	14	23	0	68	17	85	0	0	0	0	15	98	0	113	221
12:45 PM	3	0	8	11	0	60	10	70	0	0	0	0	9	94	0	103	184
Total	26	0	44	70	0	259	54	313	0	0	0	0	40	398	0	438	821
01:00 PM	10	0	15	25	0	71	11	82	0	0	0	0	10	100	0	110	217
*** BREAK ***																	
Total	10	0	15	25	0	71	11	82	0	0	0	0	10	100	0	110	217
03:45 PM	6	0	5	11	0	64	9	73	0	0	0	0	4	89	0	93	177
Total	6	0	5	11	0	64	9	73	0	0	0	0	4	89	0	93	177
04:00 PM	3	0	2	5	0	62	7	69	0	0	0	0	2	90	0	92	166
04:15 PM	3	0	6	9	0	70	5	75	0	0	0	0	6	91	0	97	181
04:30 PM	7	0	5	12	0	82	5	87	0	0	0	0	8	96	0	104	203
04:45 PM	7	0	5	12	0	77	6	83	0	0	0	0	7	81	0	88	183
Total	20	0	18	38	0	291	23	314	0	0	0	0	23	358	0	381	733
05:00 PM	4	0	4	8	0	76	9	85	0	0	0	0	4	92	0	96	189
Grand Total	81	0	103	184	0	1019	150	1169	0	0	0	0	113	1681	0	1794	3147
Approch %	44.0	0.0	56.0		0.0	87.2	12.8		0.0	0.0	0.0		6.3	93.7	0.0		
Total %	2.6	0.0	3.3	5.8	0.0	32.4	4.8	37.1	0.0	0.0	0.0	0.0	3.6	53.4	0.0	57.0	

Rummel, Klepper & Kahl, LLP

Consulting Engineers

Location: Bradford @ Loockerman

County: Kent

Weather: Clear

Counters: C Kilpatrick

1206 Forrest Avenue

Dover, Delaware 19904

File Name : Bradford_Loockerman

Site Code : 00000000

Start Date : 04/20/2004

Page No : 1

Groups Printed- Trucks

	BRADFORD ST Southbound				LOOCKERMAN ST Westbound				BRADFORD ST Northbound				LOOCKERMAN ST Eastbound				Int. Total
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Factor	1.0	1.0	1.0		1.0	1.0	1.0		1.0	1.0	1.0		1.0	1.0	1.0		
07:15 AM	0	0	0	0	0	2	0	2	0	0	0	0	0	1	0	1	3
07:30 AM	0	0	0	0	0	0	1	1	0	0	0	0	0	4	0	4	5
07:45 AM	1	0	1	2	0	0	0	0	0	0	0	0	0	4	0	4	6
Total	1	0	1	2	0	2	1	3	0	0	0	0	0	9	0	9	14
08:00 AM	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2
08:15 AM	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1	2
08:30 AM	0	0	0	0	0	1	0	1	0	0	0	0	0	2	0	2	3
*** BREAK ***																	
Total	0	0	0	0	0	4	0	4	0	0	0	0	0	3	0	3	7
12:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
Total	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
03:45 PM	0	0	0	0	0	1	1	2	0	0	0	0	0	4	0	4	6
Total	0	0	0	0	0	1	1	2	0	0	0	0	0	4	0	4	6
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
04:15 PM	0	0	0	0	0	2	0	2	0	0	0	0	1	2	0	3	5
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3	3
04:45 PM	0	0	0	0	0	1	0	1	0	0	0	0	0	2	0	2	3
Total	0	0	0	0	0	3	0	3	0	0	0	0	1	8	0	9	12
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2
Grand Total	1	0	1	2	0	10	2	12	0	0	0	0	2	26	0	28	42
Apprch %	50.0	0.0	50.0		0.0	83.3	16.7		0.0	0.0	0.0		7.1	92.9	0.0		
Total %	2.4	0.0	2.4	4.8	0.0	23.8	4.8	28.6	0.0	0.0	0.0	0.0	4.8	61.9	0.0	66.7	

Bradford Lockerman

Bicycle and Pedestrian Count Sheet								
Intersection: <u>BRADFORD (N/S) & LOCKERMAN (E/W)</u>				Counter: <u>CHRISTINA</u>	Date: <u>4/20/04</u>			
Interval Ending	Bicycles				Pedestrians and School Children			
	Northbound	Southbound	Eastbound	Westbound	Across North Leg	Across South Leg	Across East Leg	Across West Leg
6:15 AM								
6:30 AM								
6:45 AM								
7:00 AM								
7:15 AM								
7:30 AM			motor cycle bikes				1 360° P.S.	
7:45 AM			WALKER				1 57° P.S.	
8:00 AM			Bradford path				guy riding corner	
8:15 AM					11 8:00		1	
8:30 AM					11 8:20		1	
8:45 AM			8:24 motor		11 8:20		1 8:20 P.S.	
9:00 AM					11 8:40		1 8:30 P.S.	
9:15 AM					11 8:45			
9:30 AM								
9:45 AM								
10:00 AM								
10:15 AM								
10:30 AM								
10:45 AM								
11:00 AM								
11:15 AM								
11:30 AM								
11:45 AM					11 11:45		7 11:45	
12:00 PM	1				12 12:00		10 12:00	

7:45

7:45
↑
up on

hold down red button for Trucks + Push Direction

Pedestrians

No left turn

EAST LEG

LOCKERMAN

N

BRADFORD

NORTH LEG

WEST LEG

bikes

West

North

South

East

8:21
number

AT 7:50 #6
hit 3 times
should have been 7

turn off
at 8:45

Bicycle and Pedestrian Count Sheet

4/20/04

Intersection:	Counter:				Date:			
Bradford / Cookman								
Interval Ending	Bicycles				Pedestrians and School Children			
	Northbound	Southbound	Eastbound	Westbound	Across North Leg	Across South Leg	Across East Leg	Across West Leg
12:15 PM				14			6	1
12:30 PM			1	16			5	
12:45 PM				12			4	
1:00 PM	1			14			5	
1:15 PM								
1:30 PM								
1:45 PM								
2:00 PM								
2:15 PM								
2:30 PM								
2:45 PM								
3:00 PM								
3:15 PM								
3:30 PM								
3:45 PM			11		1		1	
4:00 PM	(11)		1				2	
4:15 PM								
4:30 PM								
4:45 PM	1							
5:00 PM	1							
5:15 PM								
5:30 PM								
5:45 PM								
6:00 PM								
6:15 PM								
6:30 PM								
6:45 PM								
7:00 PM								

12

6

14

6

10-Tot

Melinda U-turn

Start

End

Barbei

3:40pm → lady that owns flower shop - said she thought maybe they could do something about the parking.
 3:42 man - asked me if I was taking license plates of those who don't yield to pedestrians.

Rummel, Klepper & Kahl, LLP

Consulting Engineers

1206 Forrest Avenue

Dover, Delaware 19904

Location: Federal @ North

County: Kent

Weather: Clear

Counters: B Marando

File Name : Federal_North

Site Code : 00000000

Start Date : 04/20/2004

Page No : 1

Groups Printed- Cars - Trucks

	FEDERAL ST Southbound				NORTH ST Westbound				FEDERAL ST Northbound				NORTH ST Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Factor	1.0	1.0	1.0		1.0	1.0	1.0		1.0	1.0	1.0		1.0	1.0	1.0		
07:15 AM	0	12	6	18	0	0	0	0	21	12	0	33	9	0	38	47	98
07:30 AM	0	17	8	25	0	0	0	0	25	25	0	50	10	0	31	41	116
07:45 AM	0	41	14	55	0	0	0	0	29	25	0	54	10	0	51	61	170
Total	0	70	28	98	0	0	0	0	75	62	0	137	29	0	120	149	384
08:00 AM	0	27	11	38	0	0	0	0	33	29	0	62	13	0	34	47	147
08:15 AM	0	38	7	45	0	0	0	0	28	16	0	44	8	0	28	36	125
08:30 AM	0	35	17	52	0	0	0	0	23	27	0	50	10	0	17	27	129
*** BREAK ***																	
Total	0	100	35	135	0	0	0	0	84	72	0	156	31	0	79	110	401
*** BREAK ***																	
11:45 AM	0	34	10	44	0	0	0	0	28	35	0	63	14	0	14	28	135
Total	0	34	10	44	0	0	0	0	28	35	0	63	14	0	14	28	135
12:00 PM	0	35	10	45	0	0	0	0	43	26	0	69	16	0	27	43	157
12:15 PM	0	22	6	28	0	0	0	0	31	32	0	63	17	0	24	41	132
12:30 PM	0	42	11	53	0	0	0	0	24	27	0	51	22	0	17	39	143
12:45 PM	0	37	10	47	0	0	0	0	19	41	0	60	15	0	17	32	139
Total	0	136	37	173	0	0	0	0	117	126	0	243	70	0	85	155	571
01:00 PM	0	36	15	51	0	0	0	0	37	35	0	72	15	0	18	33	156
*** BREAK ***																	
Total	0	36	15	51	0	0	0	0	37	35	0	72	15	0	18	33	156
*** BREAK ***																	
03:45 PM	0	31	3	34	0	0	0	0	39	29	0	68	10	0	30	40	142
Total	0	31	3	34	0	0	0	0	39	29	0	68	10	0	30	40	142
04:00 PM	0	18	3	21	0	0	0	0	53	22	0	75	13	0	16	29	125
04:15 PM	0	28	12	40	0	0	0	0	57	41	0	98	14	0	17	31	169
04:30 PM	0	26	21	47	0	0	0	0	87	44	0	131	14	0	22	36	214
04:45 PM	0	19	11	30	0	0	0	0	69	26	0	95	10	0	20	30	155
Total	0	91	47	138	0	0	0	0	266	133	0	399	51	0	75	126	663
05:00 PM	0	32	22	54	0	0	0	0	50	21	0	71	15	0	18	33	158
Grand Total	0	530	197	727	0	0	0	0	696	513	0	1209	235	0	439	674	2610
Apprch %	0.0	72.9	27.1		0.0	0.0	0.0		57.6	42.4	0.0		34.9	0.0	65.1		
Total %	0.0	20.3	7.5	27.9	0.0	0.0	0.0	0.0	26.7	19.7	0.0	46.3	9.0	0.0	16.8	25.8	

Rummel, Klepper & Kahl, LLP

Consulting Engineers

1206 Forrest Avenue
Dover, Delaware 19904

Location: Federal @ North
County: Kent
Weather: Clear
Counters: B Marando

File Name : Federal_North
Site Code : 00000000
Start Date : 04/20/2004
Page No : 1

Groups Printed- Cars

	FEDERAL ST Southbound				NORTH ST Westbound				FEDERAL ST Northbound				NORTH ST Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Factor	1.0	1.0	1.0		1.0	1.0	1.0		1.0	1.0	1.0		1.0	1.0	1.0		
07:15 AM	0	12	6	18	0	0	0	0	20	12	0	32	9	0	38	47	97
07:30 AM	0	17	8	25	0	0	0	0	23	24	0	47	10	0	29	39	111
07:45 AM	0	41	14	55	0	0	0	0	29	25	0	54	10	0	51	61	170
Total	0	70	28	98	0	0	0	0	72	61	0	133	29	0	118	147	378
08:00 AM	0	27	10	37	0	0	0	0	33	29	0	62	13	0	32	45	144
08:15 AM	0	38	7	45	0	0	0	0	26	16	0	42	8	0	26	34	121
08:30 AM	0	35	17	52	0	0	0	0	22	27	0	49	10	0	17	27	128
*** BREAK ***																	
Total	0	100	34	134	0	0	0	0	81	72	0	153	31	0	75	106	393
*** BREAK ***																	
11:45 AM	0	34	10	44	0	0	0	0	28	35	0	63	14	0	14	28	135
Total	0	34	10	44	0	0	0	0	28	35	0	63	14	0	14	28	135
12:00 PM	0	34	10	44	0	0	0	0	42	25	0	67	16	0	27	43	154
12:15 PM	0	21	6	27	0	0	0	0	29	32	0	61	16	0	23	39	127
12:30 PM	0	42	11	53	0	0	0	0	24	27	0	51	22	0	17	39	143
12:45 PM	0	37	9	46	0	0	0	0	19	40	0	59	14	0	17	31	136
Total	0	134	36	170	0	0	0	0	114	124	0	238	68	0	84	152	560
01:00 PM	0	35	15	50	0	0	0	0	37	35	0	72	15	0	17	32	154
*** BREAK ***																	
Total	0	35	15	50	0	0	0	0	37	35	0	72	15	0	17	32	154
*** BREAK ***																	
03:45 PM	0	31	3	34	0	0	0	0	39	29	0	68	10	0	29	39	141
Total	0	31	3	34	0	0	0	0	39	29	0	68	10	0	29	39	141
04:00 PM	0	18	3	21	0	0	0	0	50	22	0	72	12	0	14	26	119
04:15 PM	0	28	12	40	0	0	0	0	56	41	0	97	13	0	17	30	167
04:30 PM	0	26	21	47	0	0	0	0	86	44	0	130	14	0	22	36	213
04:45 PM	0	16	11	27	0	0	0	0	68	26	0	94	9	0	20	29	150
Total	0	88	47	135	0	0	0	0	260	133	0	393	48	0	73	121	649
05:00 PM	0	32	22	54	0	0	0	0	47	21	0	68	15	0	18	33	155
Grand Total	0	524	195	719	0	0	0	0	678	510	0	1188	230	0	428	658	2565
Apprch %	0.0	72.9	27.1		0.0	0.0	0.0		57.1	42.9	0.0		35.0	0.0	65.0		
Total %	0.0	20.4	7.6	28.0	0.0	0.0	0.0	0.0	26.4	19.9	0.0	46.3	9.0	0.0	16.7	25.7	

Rummel, Klepper & Kahl, LLP

Consulting Engineers

1206 Forrest Avenue

Dover, Delaware 19904

Location: Federal @ North

County: Kent

Weather: Clear

Counters: B Marando

File Name : Federal_North

Site Code : 00000000

Start Date : 04/20/2004

Page No : 1

Groups Printed- Trucks

	FEDERAL ST Southbound				NORTH ST Westbound				FEDERAL ST Northbound				NORTH ST Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Factor	1.0	1.0	1.0		1.0	1.0	1.0		1.0	1.0	1.0		1.0	1.0	1.0		
07:15 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1
07:30 AM	0	0	0	0	0	0	0	0	2	1	0	3	0	0	2	2	5
*** BREAK ***																	
Total	0	0	0	0	0	0	0	0	3	1	0	4	0	0	2	2	6
08:00 AM	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2	2	3
08:15 AM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	2	2	4
08:30 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1
*** BREAK ***																	
Total	0	0	1	1	0	0	0	0	3	0	0	3	0	0	4	4	8
*** BREAK ***																	
12:00 PM	0	1	0	1	0	0	0	0	1	1	0	2	0	0	0	0	3
12:15 PM	0	1	0	1	0	0	0	0	2	0	0	2	1	0	1	2	5
*** BREAK ***																	
12:45 PM	0	0	1	1	0	0	0	0	0	1	0	1	1	0	0	1	3
Total	0	2	1	3	0	0	0	0	3	2	0	5	2	0	1	3	11
01:00 PM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	1	2
*** BREAK ***																	
Total	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	1	2
*** BREAK ***																	
03:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
04:00 PM	0	0	0	0	0	0	0	0	3	0	0	3	1	0	2	3	6
04:15 PM	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	1	2
04:30 PM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1
04:45 PM	0	3	0	3	0	0	0	0	1	0	0	1	1	0	0	1	5
Total	0	3	0	3	0	0	0	0	6	0	0	6	3	0	2	5	14
05:00 PM	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	3
Grand Total	0	6	2	8	0	0	0	0	18	3	0	21	5	0	11	16	45
Apprch %	0.0	75.0	25.0		0.0	0.0	0.0		85.7	14.3	0.0		31.3	0.0	68.8		
Total %	0.0	13.3	4.4	17.8	0.0	0.0	0.0	0.0	40.0	6.7	0.0	46.7	11.1	0.0	24.4	35.6	

FEDERAL ST. @ NORTH ST.

BRIAN

4/20/04

Bicycle and Pedestrian Count Sheet								
Intersection:		Counter:				Date:		
Interval Ending	Bicycles				Pedestrians and School Children			
	Northbound	Southbound	Eastbound	Westbound	Across North Leg	Across South Leg	Across East Leg	Across West Leg
6:15 AM								
6:30 AM								
6:45 AM								
7:00 AM								
7:15 AM								
7:30 AM								
7:45 AM								
8:00 AM								
8:15 AM								
8:30 AM								
8:45 AM								
9:00 AM								
9:15 AM								
9:30 AM								
9:45 AM								
10:00 AM								
10:15 AM								
10:30 AM								
10:45 AM								
11:00 AM								
11:15 AM								
11:30 AM								
11:45 AM								
12:00 PM								

Rummel, Klepper & Kahl, LLP

Consulting Engineers

Location: Governor's @ Loockerman 1206 Forrest Avenue File Name : Governors_Loockerman
 County: Kent Dover, Delaware 19904 Site Code : 00000000
 Weather: Clear Start Date : 04/20/2004
 Counters: T Marando Page No : 1

Groups Printed- Cars - Trucks

	GOVERNORS AVE Southbound				LOOCKERMAN ST Westbound				GOVERNORS AVE Northbound				LOOCKERMAN ST Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Factor	1.0	1.0	1.0		1.0	1.0	1.0		1.0	1.0	1.0		1.0	1.0	1.0		
07:15 AM	6	40	1	47	1	23	3	27	6	55	5	66	3	89	10	102	242
07:30 AM	1	59	3	63	2	18	5	25	6	80	7	93	5	88	6	99	280
07:45 AM	4	95	1	100	3	32	5	40	2	85	5	92	2	118	8	128	360
Total	11	194	5	210	6	73	13	92	14	220	17	251	10	295	24	329	882
08:00 AM	0	77	4	81	4	24	3	31	3	73	8	84	4	84	10	98	294
08:15 AM	5	64	3	72	5	27	4	36	5	73	4	82	2	65	9	76	266
08:30 AM	4	57	2	63	7	37	4	48	6	87	10	103	3	75	9	87	301
*** BREAK ***																	
Total	9	198	9	216	16	88	11	115	14	233	22	269	9	224	28	261	861
11:45 AM	7	67	6	80	7	48	12	67	5	67	14	86	5	91	9	105	338
Total	7	67	6	80	7	48	12	67	5	67	14	86	5	91	9	105	338
12:00 PM	6	59	10	75	13	60	8	81	9	86	14	109	7	83	11	101	366
12:15 PM	7	74	6	87	15	51	16	82	8	80	13	101	5	103	9	117	387
12:30 PM	13	55	4	72	12	57	7	76	7	65	15	87	5	84	11	100	335
12:45 PM	7	68	6	81	8	56	4	68	11	70	16	97	4	75	11	90	336
Total	33	256	26	315	48	224	35	307	35	301	58	394	21	345	42	408	1424
01:00 PM	6	65	7	78	12	60	14	86	4	63	18	85	2	94	15	111	360
*** BREAK ***																	
Total	6	65	7	78	12	60	14	86	4	63	18	85	2	94	15	111	360
03:45 PM	9	77	5	91	12	60	7	79	6	87	10	103	8	81	17	106	379
Total	9	77	5	91	12	60	7	79	6	87	10	103	8	81	17	106	379
04:00 PM	0	85	5	90	10	53	10	73	9	85	14	108	6	75	7	88	359
04:15 PM	7	76	4	87	12	47	5	64	10	88	12	110	5	83	10	98	359
04:30 PM	10	85	8	103	14	71	10	95	8	98	13	119	7	84	11	102	419
04:45 PM	6	77	6	89	10	68	16	94	13	94	10	117	8	71	12	91	391
Total	23	323	23	369	46	239	41	326	40	365	49	454	26	313	40	379	1528
05:00 PM	6	85	3	94	7	64	8	79	10	86	21	117	8	81	14	103	393
Grand Total	104	1265	84	1453	154	856	141	1151	128	1422	209	1759	89	1524	189	1802	6165
Apprch %	7.2	87.1	5.8		13.4	74.4	12.3		7.3	80.8	11.9		4.9	84.6	10.5		
Total %	1.7	20.5	1.4	23.6	2.5	13.9	2.3	18.7	2.1	23.1	3.4	28.5	1.4	24.7	3.1	29.2	

Rummel, Klepper & Kahl, LLP

Consulting Engineers

Location: Governor's @ Loockerman 1206 Forrest Avenue File Name : Governors_Loockerman
 County: Kent Dover, Delaware 19904 Site Code : 00000000
 Weather: Clear Start Date : 04/20/2004
 Counters: T Marando Page No : 1

Groups Printed- Cars

	GOVERNORS AVE Southbound				LOOCKERMAN ST Westbound				GOVERNORS AVE Northbound				LOOCKERMAN ST Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Factor	1.0	1.0	1.0		1.0	1.0	1.0		1.0	1.0	1.0		1.0	1.0	1.0		
07:15 AM	6	38	1	45	1	21	2	24	6	54	5	65	3	87	10	100	234
07:30 AM	1	58	3	62	2	18	5	25	6	77	7	90	5	84	6	95	272
07:45 AM	4	91	1	96	3	32	4	39	2	84	5	91	1	116	8	125	351
Total	11	187	5	203	6	71	11	88	14	215	17	246	9	287	24	320	857
08:00 AM	0	76	4	80	3	24	3	30	3	70	8	81	4	84	10	98	289
08:15 AM	5	63	3	71	5	26	4	35	5	66	4	75	1	65	9	75	256
08:30 AM	4	54	2	60	7	36	4	47	6	79	10	95	3	73	8	84	286
*** BREAK ***																	
Total	9	193	9	211	15	86	11	112	14	215	22	251	8	222	27	257	831
11:45 AM	7	64	6	77	7	48	12	67	5	67	14	86	5	89	9	103	333
Total	7	64	6	77	7	48	12	67	5	67	14	86	5	89	9	103	333
12:00 PM	6	57	10	73	13	60	8	81	8	85	14	107	7	83	10	100	361
12:15 PM	7	74	6	87	15	49	16	80	8	77	12	97	5	100	9	114	378
12:30 PM	12	55	4	71	11	57	7	75	7	63	15	85	5	82	11	98	329
12:45 PM	7	66	6	79	7	56	4	67	9	69	16	94	4	74	11	89	329
Total	32	252	26	310	46	222	35	303	32	294	57	383	21	339	41	401	1397
01:00 PM	6	64	7	77	12	59	14	85	4	61	18	83	2	93	15	110	355
*** BREAK ***																	
Total	6	64	7	77	12	59	14	85	4	61	18	83	2	93	15	110	355
03:45 PM	8	75	5	88	12	59	7	78	5	86	10	101	8	78	17	103	370
Total	8	75	5	88	12	59	7	78	5	86	10	101	8	78	17	103	370
04:00 PM	0	83	5	88	10	53	10	73	9	82	14	105	6	73	7	86	352
04:15 PM	7	75	4	86	12	45	5	62	8	86	12	106	5	81	10	96	350
04:30 PM	10	83	7	100	14	71	10	95	8	96	13	117	7	80	11	98	410
04:45 PM	6	75	6	87	9	68	16	93	13	93	9	115	8	70	12	90	385
Total	23	316	22	361	45	237	41	323	38	357	48	443	26	304	40	370	1497
05:00 PM	6	85	3	94	7	64	8	79	10	84	21	115	8	79	14	101	389
Grand Total	102	1236	83	1421	150	846	139	1135	122	1379	207	1708	87	1491	187	1765	6029
Apprch %	7.2	87.0	5.8		13.2	74.5	12.2		7.1	80.7	12.1		4.9	84.5	10.6		
Total %	1.7	20.5	1.4	23.6	2.5	14.0	2.3	18.8	2.0	22.9	3.4	28.3	1.4	24.7	3.1	29.3	

Rummel, Klepper & Kahl, LLP

Consulting Engineers

Location: Governor's @ Loockerman 1206 Forrest Avenue File Name : Governors_Loockerman
 County: Kent Dover, Delaware 19904 Site Code : 00000000
 Weather: Clear Start Date : 04/20/2004
 Counters: T Marando Page No : 1

Groups Printed- Trucks

	GOVERNORS AVE Southbound				LOOCKERMAN ST Westbound				GOVERNORS AVE Northbound				LOOCKERMAN ST Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Factor	1.0	1.0	1.0		1.0	1.0	1.0		1.0	1.0	1.0		1.0	1.0	1.0		
07:15 AM	0	2	0	2	0	2	1	3	0	1	0	1	0	2	0	2	8
07:30 AM	0	1	0	1	0	0	0	0	0	3	0	3	0	4	0	4	8
07:45 AM	0	4	0	4	0	0	1	1	0	1	0	1	1	2	0	3	9
Total	0	7	0	7	0	2	2	4	0	5	0	5	1	8	0	9	25
08:00 AM	0	1	0	1	1	0	0	1	0	3	0	3	0	0	0	0	5
08:15 AM	0	1	0	1	0	1	0	1	0	7	0	7	1	0	0	1	10
08:30 AM	0	3	0	3	0	1	0	1	0	8	0	8	0	2	1	3	15
*** BREAK ***																	
Total	0	5	0	5	1	2	0	3	0	18	0	18	1	2	1	4	30
11:45 AM	0	3	0	3	0	0	0	0	0	0	0	0	0	2	0	2	5
Total	0	3	0	3	0	0	0	0	0	0	0	0	0	2	0	2	5
12:00 PM	0	2	0	2	0	0	0	0	1	1	0	2	0	0	1	1	5
12:15 PM	0	0	0	0	0	2	0	2	0	3	1	4	0	3	0	3	9
12:30 PM	1	0	0	1	1	0	0	1	0	2	0	2	0	2	0	2	6
12:45 PM	0	2	0	2	1	0	0	1	2	1	0	3	0	1	0	1	7
Total	1	4	0	5	2	2	0	4	3	7	1	11	0	6	1	7	27
01:00 PM	0	1	0	1	0	1	0	1	0	2	0	2	0	1	0	1	5
*** BREAK ***																	
Total	0	1	0	1	0	1	0	1	0	2	0	2	0	1	0	1	5
03:45 PM	1	2	0	3	0	1	0	1	1	1	0	2	0	3	0	3	9
Total	1	2	0	3	0	1	0	1	1	1	0	2	0	3	0	3	9
04:00 PM	0	2	0	2	0	0	0	0	0	3	0	3	0	2	0	2	7
04:15 PM	0	1	0	1	0	2	0	2	2	2	0	4	0	2	0	2	9
04:30 PM	0	2	1	3	0	0	0	0	0	2	0	2	0	4	0	4	9
04:45 PM	0	2	0	2	1	0	0	1	0	1	1	2	0	1	0	1	6
Total	0	7	1	8	1	2	0	3	2	8	1	11	0	9	0	9	31
05:00 PM	0	0	0	0	0	0	0	0	0	2	0	2	0	2	0	2	4
Grand Total	2	29	1	32	4	10	2	16	6	43	2	51	2	33	2	37	136
Apprch %	6.3	90.6	3.1		25.0	62.5	12.5		11.8	84.3	3.9		5.4	89.2	5.4		
Total %	1.5	21.3	0.7	23.5	2.9	7.4	1.5	11.8	4.4	31.6	1.5	37.5	1.5	24.3	1.5	27.2	

Bicycle and Pedestrian Count Sheet

Intersection: <u>GOVERNORS AVE (N/S) & LOCKERMAN ST. (E/W)</u> Counter: <u>Tom</u> Date: <u>4/20/04</u>								
Interval Ending	Bicycles				Pedestrians and School Children			
	Northbound	Southbound	Eastbound	Westbound	Across North Leg	Across South Leg	Across East Leg	Across West Leg
6:15 AM								
6:30 AM								
6:45 AM								
7:00 AM								
7:15 AM								
7:30 AM		1			1	1	11	
7:45 AM					1	1	11	
8:00 AM	1				1			
8:15 AM								
8:30 AM					1			
8:45 AM								
9:00 AM								
9:15 AM								
9:30 AM								
9:45 AM								
10:00 AM								
10:15 AM								
10:30 AM								
10:45 AM								
11:00 AM								
11:15 AM								
11:30 AM								
11:45 AM								
12:00 PM					11/17/11 1	1	1	

11:53 AM BLANCE

3761

Bicycle and Pedestrian Count Sheet

Intersection:		Counter:				Date:			
Interval Ending	Bicycles				Pedestrians and School Children				
	Northbound	Southbound	Eastbound	Westbound	Across North Leg	Across South Leg	Across East Leg	Across West Leg	
12:15 PM	/			/					
12:30 PM									
12:45 PM									
1:00 PM									
1:15 PM	/						/		
1:30 PM									
1:45 PM									
2:00 PM									
2:15 PM									
2:30 PM									
2:45 PM									
3:00 PM									
3:15 PM									
3:30 PM									
3:45 PM									
4:00 PM	/				/				
4:15 PM			/		/				
4:30 PM							/		
4:45 PM					/		/		
5:00 PM			/		/				
5:15 PM									
5:30 PM									
5:45 PM									
6:00 PM									
6:15 PM									
6:30 PM									
6:45 PM									
7:00 PM									

1246

126

Rummel, Klepper & Kahl, LLP

Consulting Engineers

1206 Forrest Avenue

Dover, Delaware 19904

Location: Governor's @ North

County: Kent

Weather: Clear

Counters: T Deschepper

File Name : Governors_North

Site Code : 00000000

Start Date : 04/20/2004

Page No : 1

Groups Printed- Cars - Trucks

	GOVERNORS AVE Southbound				NORTH ST Westbound				GOVERNORS AVE Northbound				NORTH ST Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Factor	1.0	1.0	1.0		1.0	1.0	1.0		1.0	1.0	1.0		1.0	1.0	1.0		
07:15 AM	0	55	0	55	0	20	4	24	3	63	2	68	1	48	0	49	196
07:30 AM	1	62	0	63	1	19	3	23	3	85	4	92	6	58	6	70	248
07:45 AM	8	96	1	105	1	26	2	29	4	84	6	94	0	79	19	98	326
Total	9	213	1	223	2	65	9	76	10	232	12	254	7	185	25	217	770
08:00 AM	5	82	4	91	2	29	4	35	7	85	11	103	2	56	16	74	303
08:15 AM	4	72	4	80	1	26	1	28	9	75	13	97	3	43	13	59	264
08:30 AM	4	70	2	76	5	34	4	43	10	95	8	113	1	35	10	46	278
*** BREAK ***																	
Total	13	224	10	247	8	89	9	106	26	255	32	313	6	134	39	179	845
11:45 AM	2	75	8	85	5	30	7	42	4	81	4	89	7	33	6	46	262
Total	2	75	8	85	5	30	7	42	4	81	4	89	7	33	6	46	262
12:00 PM	6	67	5	78	3	53	6	62	9	91	3	103	7	32	10	49	292
12:15 PM	8	88	7	103	1	49	6	56	8	85	5	98	5	46	12	63	320
12:30 PM	4	74	3	81	4	38	7	49	10	81	9	100	2	36	7	45	275
12:45 PM	5	78	4	87	8	30	5	43	8	85	9	102	5	31	8	44	276
Total	23	307	19	349	16	170	24	210	35	342	26	403	19	145	37	201	1163
01:00 PM	1	86	8	95	5	43	9	57	2	72	7	81	5	48	7	60	293
*** BREAK ***																	
Total	1	86	8	95	5	43	9	57	2	72	7	81	5	48	7	60	293
03:45 PM	6	101	5	112	2	40	6	48	6	89	6	101	4	45	6	55	316
Total	6	101	5	112	2	40	6	48	6	89	6	101	4	45	6	55	316
04:00 PM	4	94	5	103	4	56	6	66	11	109	5	125	3	35	7	45	339
04:15 PM	2	85	3	90	5	58	7	70	7	91	7	105	3	31	8	42	307
04:30 PM	4	107	1	112	4	92	8	104	12	112	6	130	3	26	7	36	382
04:45 PM	6	95	4	105	7	94	8	109	17	96	4	117	3	30	7	40	371
Total	16	381	13	410	20	300	29	349	47	408	22	477	12	122	29	163	1399
05:00 PM	2	96	7	105	3	71	6	80	13	106	2	121	3	26	13	42	348
Grand Total	72	1483	71	1626	61	808	99	968	143	1585	111	1839	63	738	162	963	5396
Apprch %	4.4	91.2	4.4		6.3	83.5	10.2		7.8	86.2	6.0		6.5	76.6	16.8		
Total %	1.3	27.5	1.3	30.1	1.1	15.0	1.8	17.9	2.7	29.4	2.1	34.1	1.2	13.7	3.0	17.8	

Rummel, Klepper & Kahl, LLP

Consulting Engineers

1206 Forrest Avenue

Dover, Delaware 19904

File Name : Governors_North

Site Code : 00000000

Start Date : 04/20/2004

Page No : 1

Location: Governor's @ North

County: Kent

Weather: Clear

Counters: T Deschepper

Groups Printed- Cars

	GOVERNORS AVE Southbound				NORTH ST Westbound				GOVERNORS AVE Northbound				NORTH ST Eastbound				Int. Total
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Factor	1.0	1.0	1.0		1.0	1.0	1.0		1.0	1.0	1.0		1.0	1.0	1.0		
07:15 AM	0	55	0	55	0	20	4	24	3	63	2	68	1	48	0	49	196
07:30 AM	1	62	0	63	1	19	3	23	3	85	4	92	6	58	6	70	248
07:45 AM	8	96	1	105	1	26	2	29	4	84	6	94	0	79	19	98	326
Total	9	213	1	223	2	65	9	76	10	232	12	254	7	185	25	217	770
08:00 AM	5	82	4	91	2	29	4	35	7	85	11	103	2	56	16	74	303
08:15 AM	4	72	4	80	1	26	1	28	9	75	13	97	3	43	13	59	264
08:30 AM	4	70	2	76	5	34	4	43	10	95	8	113	1	35	10	46	278
*** BREAK ***																	
Total	13	224	10	247	8	89	9	106	26	255	32	313	6	134	39	179	845
11:45 AM	2	73	8	83	5	30	7	42	4	81	4	89	7	33	6	46	260
Total	2	73	8	83	5	30	7	42	4	81	4	89	7	33	6	46	260
12:00 PM	6	65	4	75	3	53	6	62	9	90	3	102	6	32	10	48	287
12:15 PM	8	88	7	103	1	47	6	54	8	81	5	94	5	45	12	62	313
12:30 PM	4	74	3	81	4	38	7	49	10	80	9	99	2	36	7	45	274
12:45 PM	5	76	4	85	8	30	5	43	8	84	8	100	5	31	8	44	272
Total	23	303	18	344	16	168	24	208	35	335	25	395	18	144	37	199	1146
01:00 PM	1	86	8	95	5	43	9	57	1	70	7	78	4	47	7	58	288
*** BREAK ***																	
Total	1	86	8	95	5	43	9	57	1	70	7	78	4	47	7	58	288
03:45 PM	6	99	5	110	2	40	6	48	6	88	5	99	4	45	6	55	312
Total	6	99	5	110	2	40	6	48	6	88	5	99	4	45	6	55	312
04:00 PM	4	94	5	103	4	53	6	63	11	104	5	120	3	32	7	42	328
04:15 PM	2	84	3	89	5	58	6	69	7	88	6	101	2	31	8	41	300
04:30 PM	4	104	1	109	4	91	8	103	12	111	6	129	3	26	7	36	377
04:45 PM	6	91	4	101	7	94	7	108	17	96	4	117	3	29	7	39	365
Total	16	373	13	402	20	296	27	343	47	399	21	467	11	118	29	158	1370
05:00 PM	2	95	7	104	3	67	6	76	12	104	2	118	3	26	13	42	340
Grand Total	72	1466	70	1608	61	798	97	956	141	1564	108	1813	60	732	162	954	5331
Apprch %	4.5	91.2	4.4		6.4	83.5	10.1		7.8	86.3	6.0		6.3	76.7	17.0		
Total %	1.4	27.5	1.3	30.2	1.1	15.0	1.8	17.9	2.6	29.3	2.0	34.0	1.1	13.7	3.0	17.9	

Rummel, Klepper & Kahl, LLP

Consulting Engineers

Location: Governor's @ North

County: Kent

Weather: Clear

Counters: T Deschepper

1206 Forrest Avenue
Dover, Delaware 19904

File Name : Governors_North

Site Code : 00000000

Start Date : 04/20/2004

Page No : 1

Groups Printed- Trucks

	GOVERNORS AVE Southbound				NORTH ST Westbound				GOVERNORS AVE Northbound				NORTH ST Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Factor	1.0	1.0	1.0		1.0	1.0	1.0		1.0	1.0	1.0		1.0	1.0	1.0		
*** BREAK ***																	
11:45 AM	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
Total	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
12:00 PM	0	2	1	3	0	0	0	0	0	1	0	1	1	0	0	1	5
12:15 PM	0	0	0	0	0	2	0	2	0	4	0	4	0	1	0	1	7
12:30 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
12:45 PM	0	2	0	2	0	0	0	0	0	1	1	2	0	0	0	0	4
Total	0	4	1	5	0	2	0	2	0	7	1	8	1	1	0	2	17
01:00 PM	0	0	0	0	0	0	0	0	1	2	0	3	1	1	0	2	5
*** BREAK ***																	
Total	0	0	0	0	0	0	0	0	1	2	0	3	1	1	0	2	5
*** BREAK ***																	
03:45 PM	0	2	0	2	0	0	0	0	0	1	1	2	0	0	0	0	4
Total	0	2	0	2	0	0	0	0	0	1	1	2	0	0	0	0	4
04:00 PM	0	0	0	0	0	3	0	3	0	5	0	5	0	3	0	3	11
04:15 PM	0	1	0	1	0	0	1	1	0	3	1	4	1	0	0	1	7
04:30 PM	0	3	0	3	0	1	0	1	0	1	0	1	0	0	0	0	5
04:45 PM	0	4	0	4	0	0	1	1	0	0	0	0	0	1	0	1	6
Total	0	8	0	8	0	4	2	6	0	9	1	10	1	4	0	5	29
05:00 PM	0	1	0	1	0	4	0	4	1	2	0	3	0	0	0	0	8
Grand Total	0	17	1	18	0	10	2	12	2	21	3	26	3	6	0	9	65
Apprch %	0.0	94.4	5.6		0.0	83.3	16.7		7.7	80.8	11.5		33.3	66.7	0.0		
Total %	0.0	26.2	1.5	27.7	0.0	15.4	3.1	18.5	3.1	32.3	4.6	40.0	4.6	9.2	0.0	13.8	

GOVERNOR'S AVE @ NORTH ST. Tim

4/20/04

Bicycle and Pedestrian Count Sheet								
Intersection:	Counter: 14-2240				Date:			
Interval Ending	Bicycles				Pedestrians and School Children			
	Northbound	Southbound	Eastbound	Westbound	Across North Leg	Across South Leg	Across East Leg	Across West Leg
6:15 AM								
6:30 AM								
6:45 AM								
7:00 AM								
7:15 AM							11	
7:30 AM							1	
7:45 AM							1	
8:00 AM								
8:15 AM							1	
8:30 AM			1		1		1	
8:45 AM								
9:00 AM								
9:15 AM								
9:30 AM								
9:45 AM								
10:00 AM								
10:15 AM								
10:30 AM								
10:45 AM								
11:00 AM								
11:15 AM								
11:30 AM							111	
11:45 AM							11	
12:00 PM			1				111	

11:45-12:15

12:07 Horse Buggy WB

School

11:51
12:06

Dart

11:51 12:05
11:58

Truck almost took 11:54

1 car into Delmar
Appliana 7:29

8:3

8:32

8:2

School bus

Dart 8:06

8:48

8:24

7:20

7:20

8:08

7:22

7:33

8:03

8:03

Bicycle and Pedestrian Count Sheet

Intersection:	Counter:				Date:			
Interval Ending	Bicycles				Pedestrians and School Children			
	Northbound	Southbound	Eastbound	Westbound	Across North Leg	Across South Leg	Across East Leg	Across West Leg
12:15 PM								
12:30 PM					1		1	
12:45 PM						1	11	11
1:00 PM								11
1:15 PM								
1:30 PM								
1:45 PM								
2:00 PM								
2:15 PM								
2:30 PM								
2:45 PM								
3:00 PM								
3:15 PM								
3:30 PM	1					11		11
3:45 PM							1	
4:00 PM								11
4:15 PM	1			1		1	1	1
4:30 PM							11	11
4:45 PM				1				1
5:00 PM		1		1			11	1
5:15 PM								
5:30 PM								
5:45 PM								
6:00 PM								
6:15 PM								
6:30 PM								
6:45 PM								
7:00 PM								

Backup WB 3:14
 Backup 4:44
 Backup 4:45 > NB
 DART 5:10
 12:23 School BUS

Dart 4:35
 4:52 DART
 School BUS 4:41
 DART 12:54
 DART 4:54
 " " 4:55
 4:11 DART 433
 2 DART 4:14

Backup WB 4:49

Backup 4:35 > NB
 Backup 4:30
 " " 4:38
 " " 4:39
 " " 4:40

Ambulance 4:28

DART 4:55

DART 4:40
 Backup 4:22 NB
 " " 4:24 NB
 " " 4:25
 " " 4:42

APPENDIX E

SYNCHRO/SimTraffic Capacity Analysis Data

1: North St. & State St. Intersection Performance

	EB	WB	NB	SB	Total
St Del/Veh (s)	11.4	13.7	14.1	4.7	11.0
Total Stops	210	93	321	50	674

2: North St. & Governor's Ave. Intersection Performance

	EB	WB	NB	SB	Total
St Del/Veh (s)	18.4	15.1	10.5	2.5	10.4
Total Stops	200	104	222	64	590

4: Loockerman St. & State St. Intersection Performance

	EB	WB	NB	SB	Total
St Del/Veh (s)	14.6	9.0	12.2	17.2	13.6
Total Stops	352	157	180	320	1009

5: Loockerman St. & Governor's Ave. Intersection Performance

	EB	WB	NB	SB	Total
St Del/Veh (s)	16.4	21.9	12.1	19.7	16.7
Total Stops	302	146	153	252	853

8: Loockerman St. & Bradford St. Intersection Performance

	EB	WB	SB	Total
St Del/Veh (s)	0.2	0.2	6.3	0.4
Total Stops	9	0	19	28

13: North St. & Federal St. Intersection Performance

	EB	NB	SB	Total
St Del/Veh (s)	4.2	0.7	0.2	1.8
Total Stops	168	28	0	196

16: Loockerman St. & Loockerman St. WB Intersection Performance

	EB	SW	Total
St Del/Veh (s)	0.1	4.3	1.7
Total Stops	0	55	55

18: Loockerman St. WB & Parking Lot Exit Intersection Performance

	WB	NB	SB	Total
St Del/Veh (s)	1.0	6.0	6.9	3.2
Total Stops	29	49	123	201

21: Loockerman St. EB & Federal St. Intersection Performance

	EB	NB	SB	Total
St Del/Veh (s)	0.1	4.7	6.2	2.1
Total Stops	8	113	146	267

Total Network Performance

	All
St Del/Veh (s)	24.5
Total Stops	3892

1: North St. & State St. Intersection Performance

	EB	WB	NB	SB	Total
St Del/Veh (s)	13.0	16.0	12.5	3.5	10.7
Total Stops	209	108	266	54	637

2: North St. & Governor's Ave. Intersection Performance

	EB	WB	NB	SB	Total
St Del/Veh (s)	19.6	17.2	9.6	4.3	11.4
Total Stops	217	126	204	74	621

4: Loockerman St. & State St. Intersection Performance

	EB	WB	NB	SB	Total
St Del/Veh (s)	12.9	9.0	11.3	18.1	13.2
Total Stops	309	159	140	322	930

5: Loockerman St. & Governor's Ave. Intersection Performance

	EB	WB	NB	SB	Total
St Del/Veh (s)	15.9	20.0	12.9	19.6	16.4
Total Stops	260	131	166	228	785

8: Loockerman St. & Bradford St. Intersection Performance

	EB	WB	SB	Total
St Del/Veh (s)	0.2	0.2	3.7	0.3
Total Stops	4	1	14	19

13: North St. & Federal St. Intersection Performance

	EB	NB	SB	Total
St Del/Veh (s)	5.3	0.8	0.3	2.2
Total Stops	176	30	2	208

16: Loockerman St. & Loockerman St. WB Intersection Performance

	EB	SW	Total
St Del/Veh (s)	0.1	2.9	1.2
Total Stops	0	68	68

18: Loockerman St. WB & Parking Lot Exit Intersection Performance

	WB	NB	SB	Total
St Del/Veh (s)	0.7	5.9	7.1	2.9
Total Stops	19	62	105	186

21: Loockerman St. EB & Federal St. Intersection Performance

	EB	NB	SB	Total
St Del/Veh (s)	0.1	4.9	5.7	2.1
Total Stops	9	110	143	262

Total Network Performance

	All
St Del/Veh (s)	24.3
Total Stops	3722

1: North St. & State St. Intersection Performance

	EB	WB	NB	SB	Total
St Del/Veh (s)	14.1	18.5	14.3	3.0	12.0
Total Stops	219	108	339	50	716

2: North St. & Governor's Ave. Intersection Performance

	EB	WB	NB	SB	Total
St Del/Veh (s)	20.7	19.3	10.2	3.0	11.5
Total Stops	223	123	212	66	624

4: Loockerman St. & State St. Intersection Performance

	EB	WB	NB	SB	Total
St Del/Veh (s)	11.5	9.2	12.7	16.9	12.9
Total Stops	295	164	161	334	954

5: Loockerman St. & Governor's Ave. Intersection Performance

	EB	WB	NB	SB	Total
St Del/Veh (s)	16.1	20.5	8.9	22.5	16.4
Total Stops	260	146	107	268	781

8: Loockerman St. & Bradford St. Intersection Performance

	EB	WB	SB	Total
St Del/Veh (s)	0.1	0.2	3.9	0.3
Total Stops	3	0	23	26

13: North St. & Federal St. Intersection Performance

	EB	NB	SB	Total
St Del/Veh (s)	5.8	1.0	0.2	2.6
Total Stops	179	35	2	216

16: Loockerman St. & Loockerman St. WB Intersection Performance

	EB	SW	Total
St Del/Veh (s)	0.1	2.9	1.2
Total Stops	0	63	63

18: Loockerman St. WB & Parking Lot Exit Intersection Performance

	WB	NB	SB	Total
St Del/Veh (s)	0.7	5.1	6.3	2.4
Total Stops	25	57	100	182

21: Loockerman St. EB & Federal St. Intersection Performance

	EB	NB	SB	Total
St Del/Veh (s)	0.1	6.1	5.9	2.2
Total Stops	3	117	138	258

Total Network Performance

	All
St Del/Veh (s)	24.7
Total Stops	3831

1: North St. & State St. Intersection Performance

	EB	WB	NB	SB	Total
St Del/Veh (s)	15.7	14.2	13.2	3.7	11.5
Total Stops	201	118	305	64	688

2: North St. & Governor's Ave. Intersection Performance

	EB	WB	NB	SB	Total
St Del/Veh (s)	20.0	21.5	9.8	4.7	12.4
Total Stops	169	200	194	94	657

4: Loockerman St. & State St. Intersection Performance

	EB	WB	NB	SB	Total
St Del/Veh (s)	18.9	8.4	13.2	17.4	14.3
Total Stops	364	205	229	302	1100

5: Loockerman St. & Governor's Ave. Intersection Performance

	EB	WB	NB	SB	Total
St Del/Veh (s)	16.4	20.6	14.3	18.2	17.1
Total Stops	287	300	216	237	1040

8: Loockerman St. & Bradford St. Intersection Performance

	EB	WB	SB	Total
St Del/Veh (s)	0.9	0.6	7.3	1.3
Total Stops	50	16	64	130

13: North St. & Federal St. Intersection Performance

	EB	NB	SB	Total
St Del/Veh (s)	7.6	0.6	0.3	2.5
Total Stops	170	40	1	211

16: Loockerman St. & Loockerman St. WB Intersection Performance

	EB	SW	Total
St Del/Veh (s)	0.2	5.9	2.7
Total Stops	0	131	131

18: Loockerman St. WB & Parking Lot Exit Intersection Performance

	WB	NB	SB	Total
St Del/Veh (s)	4.5	6.3	7.2	5.3
Total Stops	87	83	138	308

21: Loockerman St. EB & Federal St. Intersection Performance

	EB	NB	SB	Total
St Del/Veh (s)	0.1	8.9	6.9	3.3
Total Stops	12	193	162	367

Total Network Performance

	All
St Del/Veh (s)	28.2
Total Stops	4694

1: North St. & State St. Intersection Performance

	EB	WB	NB	SB	Total
St Del/Veh (s)	17.6	14.0	14.7	3.5	12.3
Total Stops	187	107	312	55	661

2: North St. & Governor's Ave. Intersection Performance

	EB	WB	NB	SB	Total
St Del/Veh (s)	21.6	16.5	8.7	3.9	10.8
Total Stops	154	154	178	90	576

4: Loockerman St. & State St. Intersection Performance

	EB	WB	NB	SB	Total
St Del/Veh (s)	18.3	8.8	14.5	17.2	14.6
Total Stops	387	202	220	289	1098

5: Loockerman St. & Governor's Ave. Intersection Performance

	EB	WB	NB	SB	Total
St Del/Veh (s)	13.9	30.6	13.4	18.6	18.6
Total Stops	256	333	187	212	988

8: Loockerman St. & Bradford St. Intersection Performance

	EB	WB	SB	Total
St Del/Veh (s)	0.5	0.5	7.2	1.1
Total Stops	25	12	75	112

13: North St. & Federal St. Intersection Performance

	EB	NB	SB	Total
St Del/Veh (s)	5.4	0.6	0.4	1.8
Total Stops	143	29	5	177

16: Loockerman St. & Loockerman St. WB Intersection Performance

	EB	SW	Total
St Del/Veh (s)	0.2	5.4	2.5
Total Stops	0	147	147

18: Loockerman St. WB & Parking Lot Exit Intersection Performance

	WB	NB	SB	Total
St Del/Veh (s)	1.9	6.3	7.0	3.7
Total Stops	57	73	155	285

21: Loockerman St. EB & Federal St. Intersection Performance

	EB	NB	SB	Total
St Del/Veh (s)	0.2	10.1	6.9	3.2
Total Stops	18	158	155	331

Total Network Performance

	All
St Del/Veh (s)	28.2
Total Stops	4424

1: North St. & State St. Intersection Performance

	EB	WB	NB	SB	Total
St Del/Veh (s)	17.3	17.4	13.1	3.8	12.4
Total Stops	226	136	294	65	721

2: North St. & Governor's Ave. Intersection Performance

	EB	WB	NB	SB	Total
St Del/Veh (s)	25.8	18.1	10.1	4.2	12.8
Total Stops	189	199	205	84	677

4: Loockerman St. & State St. Intersection Performance

	EB	WB	NB	SB	Total
St Del/Veh (s)	17.0	7.8	12.1	17.7	13.4
Total Stops	322	202	190	308	1022

5: Loockerman St. & Governor's Ave. Intersection Performance

	EB	WB	NB	SB	Total
St Del/Veh (s)	21.6	26.1	13.1	17.8	19.6
Total Stops	347	338	186	225	1096

8: Loockerman St. & Bradford St. Intersection Performance

	EB	WB	SB	Total
St Del/Veh (s)	1.3	0.4	11.7	2.0
Total Stops	55	17	86	158

13: North St. & Federal St. Intersection Performance

	EB	NB	SB	Total
St Del/Veh (s)	6.9	0.5	0.3	2.4
Total Stops	178	31	1	210

16: Loockerman St. & Loockerman St. WB Intersection Performance

	EB	SW	Total
St Del/Veh (s)	0.1	6.2	3.0
Total Stops	0	137	137

18: Loockerman St. WB & Parking Lot Exit Intersection Performance

	WB	NB	SB	Total
St Del/Veh (s)	1.9	7.0	7.8	3.9
Total Stops	51	88	141	280

21: Loockerman St. EB & Federal St. Intersection Performance

	EB	NB	SB	Total
St Del/Veh (s)	0.5	8.9	7.7	3.7
Total Stops	17	198	152	367

Total Network Performance

	All
St Del/Veh (s)	29.4
Total Stops	4762

1: North St. & State St. Intersection Performance

	EB	WB	NB	SB	Total
St Del/Veh (s)	16.3	20.6	13.2	3.3	13.0
Total Stops	162	292	351	61	866

2: North St. & Governor's Ave. Intersection Performance

	EB	WB	NB	SB	Total
St Del/Veh (s)	18.2	18.1	10.9	4.1	11.6
Total Stops	115	343	295	98	851

4: Loockerman St. & State St. Intersection Performance

	EB	WB	NB	SB	Total
St Del/Veh (s)	16.0	8.5	13.2	16.5	13.2
Total Stops	307	212	217	352	1088

5: Loockerman St. & Governor's Ave. Intersection Performance

	EB	WB	NB	SB	Total
St Del/Veh (s)	16.6	23.2	16.5	19.3	18.6
Total Stops	259	362	285	293	1199

8: Loockerman St. & Bradford St. Intersection Performance

	EB	WB	SB	Total
St Del/Veh (s)	0.5	0.2	9.2	0.7
Total Stops	14	7	36	57

13: North St. & Federal St. Intersection Performance

	EB	NB	SB	Total
St Del/Veh (s)	7.5	1.0	0.3	2.1
Total Stops	134	81	3	218

16: Loockerman St. & Loockerman St. WB Intersection Performance

	EB	SW	Total
St Del/Veh (s)	0.2	7.1	3.9
Total Stops	0	180	180

18: Loockerman St. WB & Parking Lot Exit Intersection Performance

	WB	NB	SB	Total
St Del/Veh (s)	1.7	7.0	21.7	8.1
Total Stops	56	85	206	347

21: Loockerman St. EB & Federal St. Intersection Performance

	EB	NB	SB	Total
St Del/Veh (s)	0.1	10.9	7.1	4.0
Total Stops	6	197	213	416

Total Network Performance

	All
St Del/Veh (s)	29.7
Total Stops	5356