

June 3, 2024

Ronald Notar, PE
 Maintenance Project Coordinator/Risk Manager/Guidesail Mentor
 PennDOT D6-0
 7000 Geerdes Boulevard
 King of Prussia, PA 19406-1525

Subject: West Elm St Guidesail
 Plymouth Township, Montgomery County, PA

Dear Ronald:

At the request of Plymouth Township, Carroll Engineering (CEC) has investigated the feasibility of installing guidesail along the western side of a section of SR 3013 (W. Elm St), located near the I-476 overpass. The segment and offset for area in question is 3013/0030/0422.

CEC has collected data in order to support the Township's claim that guidesail is needed. This location has historically been an issue. Vehicles travelling southbound on SR 3013 (W. Elm St) tend to speed and as they approach the I-476 overpass, there are some instances of vehicles leaving the roadway and crashing into the private residence located just beyond the overpass. See figure below.



Today's Commitment to Tomorrow's Challenges

Corporate Office: 949 Easton Road Varrington, PA 18976 215.343.5700	630 Freedom Business Center Third Floor King of Prussia, PA 19406 610.572.7093	433 Lancaster Avenue Suite 200 Malvern, PA 19355 610.489.5100	101 Larry Holmes Drive Suite 201 Easton, PA 18042 610.989.4940	105 Raider Boulevard Suite 206 Hillsborough, NJ 08844 908.874.7500
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Existing Conditions

SR 3013 (W Elm St) is a minor arterial that runs North-South in the area in question. The surrounding parcels are primarily residential in nature. School buses regularly utilize this street to collect and drop-off local school children. The table below details the street characteristics.

Characteristic	SR 3013 (W. Elm St)
Orientation	North/South
ADT	8049*
Speed Limit	25 MPH
Trucks %	NB: 8.7%, SB: 7.5%
85th Percentile Speed	36 MPH*
Service	Residential, Commercial, and Industrial
Roadway Classification	Minor Arterial
Parking Condition	One-way Parking on the Northeast Side
Pedestrians Observed	Yes
Pedestrian Facilities	'Slow Pedestrian' signs on northbound and southbound approaches. No pedestrian pavement markings
SEPTA Routes	None
Approach Grade	NB: 2.5% , SB: 1.3%
Approach Alignment	Tangential to Intersection

* From ATR Data, see **Attachment A**

Crash data provided by Plymouth PD shows crashes in the area in question going back to 2006.

Crash ID	Location	Impact
03-07486	500-502 New Elm Street	Brick Wall struck
05-02821	466 New Elm Street	Fence struck
06-00115	500 New Elm Street	Fence struck
06-04876	524 New Elm Street	Utility Pole struck
06-06468	532 New Elm Street	Fence struck
08-03948	448 New Elm Street	Shrubs, Gate, and PECO Gas Meter struck
11-13749	526 New Elm Street	House struck
16-01652	476 New Elm Street	Fence and Utility Pole struck
20-06411	New Elm Street & Light Street	Utility Pole struck
23-19826	450-452 New Elm Street	House struck
24-01553	536 New Elm Street	House struck

There are 4 (four) instances of a vehicle crashing into a residence or crashing into a fixed object directly in front of a residence in this area. Most recently, in 2024 a vehicle departed the roadway and crashed into the fence outside 536 Elm St. This is the residence immediately south of the I-476 overpass on the western side of SR 3013 (W. Elm St). The fence had been provided by PennDOT as a safety measure to combat this type of issue in the area. However, based on the force of the collision, and the historic trends in the area, it is the Township's opinion that a stronger barrier is needed. The Township has concerns that someday there could be a fatality involving a victim simply going about their business in their own home.

CEC also conducted a topographical survey to measure the dimensions of the embankment located between the overpass and the house at 36 Elm. A vehicle departing the road (as described previously), if it avoids hitting the residence, could find themselves plummeting down a steep embankment. An exhibit showing the survey findings is included in **Attachment B**. The information is also summarized below.

ADT	Embankment Slope	Embankment Height
>5000*	Embankment Length: 215.41 Embankment Average Slope: 9.25% Embankment Maximum Slope: 19.34%	Top of Embankment: 101.99 Bottom of Embankment: 82.07 Embankment Height: 19.92'

*From ATR data, **Attachment A**

PennDOT has worked with the Township to provide some mitigation measures in an attempt to discourage drivers from speeding, however it is a persistent issue. New signage has been added, alerting drivers to the horizontal curvature of the roadway and advising slow speeds. In addition, the previously mentioned chain-link fence was installed by PennDOT to protect the residence at 436 Elm.

The Township appreciates the time and effort PennDOT have invested in the Township. However given the history of this location, and the ongoing concerns of the local residents, it is our opinion that guiderail is the best solution to protect local people and residences in this case.

Should you have any questions or require additional information regarding this matter, please contact me at 215-987-4863, or at pohalloran@carrollengineering.com.

Very truly yours,

CARROLL ENGINEERING CORPORATION



Peter O'Halloran, PE, PTOE

cc: Karen Weiss, Township Manager
Chief John Myrsiades, Plymouth Township Police Department
Sergeant Anthony Costello, Plymouth Township Police Department
Allen Mason, PE, Township Engineer

Attachment A: ATR Data

Tri-State Traffic Data, Inc.

Road: New Elm St
 Location: 345 ft N of Light St
 Counter: 35338

610-466-1469
 TSTData.com

Site Code: 1
 Station ID:
 A to B NB
 Latitude: 40' 7903.0000 North
 Longitude: 75' 31574.0000 West

NB

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
01/17/23	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
00:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
00:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
00:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:15	7	4	14	6	10	1	0	0	0	0	0	0	0	0	42
10:30	0	0	1	18	12	3	0	0	0	0	0	0	0	0	34
10:45	3	0	5	18	19	4	2	0	0	0	0	0	0	0	51
11:00	0	0	0	16	16	2	0	0	0	0	0	0	0	0	34
11:15	10	4	20	58	57	10	2	0	0	0	0	0	0	0	161
11:30	0	0	3	8	22	7	1	0	0	0	0	0	0	0	41
11:45	0	0	1	15	24	4	1	0	0	0	0	0	0	0	45
12:00	0	0	1	16	20	9	1	1	0	0	0	0	0	0	48
12:15	1	0	3	10	29	9	2	0	0	0	0	0	0	0	54
12:30	1	0	8	49	95	29	5	1	0	0	0	0	0	0	188
Total	11	4	28	107	152	39	7	1	0	0	0	0	0	0	349

Tri-State Traffic Data, Inc.

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 Latitude: 40' 7903.0000 North
 Longitude: 75' 31574.0000 West

NB

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
12 PM	0	0	1	22	30	4	0	0	0	0	0	0	0	0	57
12:15	0	0	5	21	19	8	1	0	0	0	0	0	0	0	54
12:30	0	0	1	19	16	4	0	0	0	0	0	0	0	1	41
12:45	1	2	5	18	18	9	0	0	0	0	0	0	0	0	53
13:00	1	2	12	80	83	25	1	0	0	0	0	0	0	1	205
13:15	1	0	1	9	22	4	2	0	0	0	0	0	0	0	39
13:30	0	0	6	15	20	13	1	0	0	0	0	0	0	0	55
13:45	0	0	4	17	30	8	2	0	0	0	0	0	0	0	61
14:00	0	1	0	17	15	5	4	0	0	0	0	0	0	0	42
14:15	1	1	11	58	87	30	9	0	0	0	0	0	0	0	197
14:30	3	0	2	16	22	9	1	0	0	0	0	0	0	0	53
14:45	5	1	3	16	23	4	3	1	0	0	0	0	0	0	56
15:00	1	0	3	16	33	16	3	0	0	0	0	0	0	0	72
15:15	6	3	3	17	34	11	2	0	0	0	0	0	0	0	76
15:30	15	4	11	65	112	40	9	1	0	0	0	0	0	0	257
15:45	1	0	0	9	35	10	3	0	0	0	0	0	0	0	58
16:00	2	1	2	24	27	9	2	0	0	0	0	0	0	0	67
16:15	7	0	9	27	24	18	3	0	0	0	0	0	0	0	88
16:30	1	0	0	21	37	17	2	0	0	0	0	0	0	0	78
16:45	11	1	11	81	123	54	10	0	0	0	0	0	0	0	291
17:00	3	0	1	16	45	24	2	0	0	0	0	0	0	0	91
17:15	1	1	4	26	42	15	1	0	1	0	0	0	0	0	91
17:30	0	0	2	35	69	15	0	0	0	0	0	0	0	0	121
17:45	11	0	3	25	54	24	3	0	0	0	0	0	0	0	120
18:00	15	1	10	102	210	78	6	0	1	0	0	0	0	0	423
18:15	2	3	1	18	49	15	1	0	0	0	0	0	0	0	89
18:30	4	0	1	14	38	14	0	0	0	0	0	0	0	0	71
18:45	2	0	3	13	25	10	1	0	0	0	0	0	0	0	54
19:00	2	1	6	20	20	19	2	0	0	0	0	0	0	0	70
19:15	10	4	11	65	132	58	4	0	0	0	0	0	0	0	284
19:30	2	0	2	21	45	18	3	0	0	0	0	0	0	0	91
19:45	3	1	0	37	75	6	1	0	0	0	0	0	0	0	123
20:00	2	1	0	13	37	10	0	0	0	0	0	0	0	0	63
20:15	2	0	0	11	17	13	2	1	0	1	0	0	0	0	47
20:30	9	2	2	82	174	47	6	1	0	1	0	0	0	0	324
20:45	1	0	0	14	15	7	0	0	0	0	0	0	0	0	37
21:00	0	0	0	1	10	5	2	0	0	0	0	0	0	0	18
21:15	0	0	1	16	35	10	1	0	0	0	0	0	0	0	63
21:30	0	0	1	20	39	14	4	0	0	0	0	0	0	0	78
21:45	1	0	2	51	99	36	7	0	0	0	0	0	0	0	196
22:00	2	0	1	7	18	5	0	0	0	0	0	0	0	0	33
22:15	0	0	0	9	16	6	0	0	0	0	0	0	0	0	31
22:30	0	0	0	3	11	9	1	0	0	0	0	0	0	0	24
22:45	2	0	0	6	10	7	1	0	0	0	0	0	0	0	26
23:00	4	0	1	25	55	27	2	0	0	0	0	0	0	0	114
23:15	1	0	0	12	17	9	1	0	0	0	0	0	0	0	40
23:30	0	0	0	3	20	6	2	0	0	0	0	0	0	0	31
23:45	0	0	2	8	10	3	0	0	0	0	0	0	0	0	23
24:00	0	0	0	4	7	7	2	0	0	0	0	0	0	0	20
24:15	1	0	2	27	54	25	5	0	0	0	0	0	0	0	114
24:30	0	0	3	5	21	8	4	0	0	0	0	0	0	0	41
24:45	0	0	1	4	6	2	2	0	0	0	0	0	0	0	15
25:00	0	0	1	3	4	3	1	0	0	0	0	0	0	0	12
25:15	0	0	0	2	5	5	2	2	0	0	0	0	0	0	16
25:30	0	0	5	14	36	18	9	2	0	0	0	0	0	0	84
25:45	0	0	0	3	7	2	0	0	0	0	0	0	0	0	12
26:00	0	0	2	2	4	1	2	0	0	0	0	0	0	0	11
26:15	0	0	2	3	1	1	0	0	0	0	0	0	0	0	7
26:30	0	0	0	0	2	3	0	0	0	0	0	0	0	0	5
26:45	0	0	4	8	14	7	2	0	0	0	0	0	0	0	35
Total	68	15	82	658	1179	445	70	4	1	1	0	0	0	1	2524

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NB

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
01/18/23	0	0	0	0	2	1	1	0	0	0	0	0	0	0	4
00:15	0	0	1	1	3	3	0	0	0	0	0	0	0	0	8
00:30	0	0	0	1	6	1	0	0	0	0	0	0	0	0	8
00:45	0	0	0	0	0	3	1	0	0	0	0	0	0	0	4
01:00	0	0	1	2	11	8	2	0	0	0	0	0	0	0	24
01:15	0	0	1	0	2	1	1	1	0	0	0	0	0	0	6
01:30	0	0	0	3	2	0	2	0	0	0	0	0	0	0	7
01:45	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2
02:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
02:15	0	0	1	3	5	2	3	1	1	0	0	0	0	0	16
02:30	0	0	0	2	2	1	1	1	0	0	0	0	0	0	7
02:45	0	0	0	1	3	3	0	1	0	0	0	0	0	0	8
03:00	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2
03:15	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2
03:30	0	0	0	0	1	0	0	0	0	0	0	0	0	0	3
03:45	0	0	0	0	2	0	1	0	0	0	0	0	0	0	3
04:00	0	0	1	3	6	7	1	2	0	0	0	0	0	0	19
04:15	0	0	0	0	1	2	0	0	0	0	0	0	0	0	3
04:30	0	0	1	0	0	1	0	0	0	0	0	0	0	0	2
04:45	0	0	0	3	2	1	0	0	0	0	0	0	0	0	6
05:00	0	0	0	0	2	0	1	0	0	0	0	0	0	0	3
05:15	0	0	0	0	5	4	1	0	0	0	0	0	0	0	14
05:30	0	0	0	0	3	3	2	0	0	0	0	0	0	0	8
05:45	0	0	0	1	6	2	1	0	1	0	0	0	0	0	10
06:00	0	0	0	2	2	2	0	0	0	0	0	0	0	0	7
06:15	0	0	0	1	8	5	0	0	0	0	0	0	0	0	14
06:30	0	0	0	4	19	12	3	1	0	0	0	0	0	0	39
06:45	0	0	0	2	7	9	1	0	0	0	0	0	0	0	19
07:00	0	0	3	8	9	7	0	0	0	0	0	0	0	0	27
07:15	0	0	1	13	22	12	1	0	0	0	0	0	0	0	49
07:30	1	0	2	13	25	11	2	0	0	0	0	0	0	0	54
07:45	1	0	6	36	63	39	4	0	0	0	0	0	0	0	149
08:00	1	0	0	6	16	18	3	0	0	0	0	0	0	0	44
08:15	0	0	0	3	30	19	2	0	0	0	0	0	0	0	54
08:30	2	0	1	10	16	10	3	0	0	0	0	0	0	0	42
08:45	1	0	1	14	15	14	1	1	0	0	0	0	0	0	47
09:00	4	0	2	33	77	61	9	1	0	0	0	0	0	0	187
09:15	3	0	1	10	22	8	1	0	0	0	0	0	0	0	45
09:30	1	0	6	22	17	3	0	0	0	0	0	0	0	0	49
09:45	5	2	9	34	18	3	0	0	0	0	0	0	0	0	71
10:00	4	1	11	36	20	3	0	0	0	0	0	0	0	0	75
10:15	13	3	27	102	77	17	1	0	0	0	0	0	0	0	240
10:30	4	0	2	11	29	14	2	2	0	0	0	0	0	0	64
10:45	4	1	0	13	25	10	1	0	0	0	0	0	0	0	54
11:00	2	0	2	18	25	9	3	0	0	0	0	0	0	0	59
11:15	1	0	0	8	16	13	4	0	0	0	0	0	0	0	42
11:30	11	1	4	50	95	46	10	2	0	0	0	0	0	0	219
11:45	0	0	0	16	16	8	2	0	0	0	0	0	0	0	42
12:00	3	0	1	14	22	13	4	0	0	0	0	0	0	0	57
12:15	0	0	1	20	24	8	0	0	0	0	0	0	0	0	53
12:30	0	0	1	7	18	11	3	0	0	0	0	0	0	0	40
12:45	3	0	3	57	80	40	9	0	0	0	0	0	0	0	192
13:00	1	0	0	10	16	11	0	0	0	0	0	0	0	0	38
13:15	0	0	2	6	12	11	6	1	0	0	0	0	0	0	38
13:30	1	0	3	26	22	5	1	0	0	0	0	0	0	0	58
13:45	0	1	5	19	19	16	2	0	0	0	0	0	0	0	62
14:00	2	1	10	61	69	43	9	1	0	0	0	0	0	0	196
14:15	0	0	2	13	8	8	3	0	0	0	0	0	0	0	34
14:30	0	0	0	14	22	6	1	0	0	0	0	0	0	0	43
14:45	2	1	2	11	33	14	6	0	0	0	0	0	0	0	69
15:00	1	0	3	24	22	13	0	0	0	0	0	0	0	0	63
15:15	3	1	7	62	85	41	10	0	0	0	0	0	0	0	209
Total	37	6	62	416	592	320	62	8	1	0	0	0	0	0	1504

Tri-State Traffic Data, Inc.

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 Location: 345 ft N of Light St
 Counter: 35338

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 TSTData.com

Site Code: 1
 Station ID:
 A to B NB
 Latitude: 40' 7903.0000 North
 Longitude: 75' 31574.0000 West

NB

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
12 PM	1	1	1	13	21	12	3	0	0	0	0	0	0	0	52
12:15	0	0	2	12	22	8	2	0	0	0	0	0	0	0	46
12:30	1	0	3	19	15	12	4	0	0	0	0	0	0	0	54
12:45	3	0	3	7	19	10	0	0	0	0	0	0	0	0	42
13:00	5	1	9	51	77	42	9	0	0	0	0	0	0	0	194
13:15	2	3	5	19	18	8	1	0	0	0	0	0	0	0	56
13:30	1	0	1	4	17	4	1	0	0	0	0	0	0	0	28
13:45	1	0	2	27	25	10	1	0	0	0	0	0	0	0	66
14:00	3	0	1	23	31	7	5	0	0	0	0	0	0	0	70
14:15	7	3	9	73	91	29	8	0	0	0	0	0	0	0	220
14:30	2	0	6	13	27	10	1	0	0	0	0	0	0	0	59
14:45	7	1	3	10	19	16	3	1	0	0	0	0	0	0	60
15:00	4	1	0	10	16	15	1	0	0	0	0	0	0	0	47
15:15	2	0	2	19	31	11	6	0	0	0	0	0	0	0	71
15:30	15	2	11	52	93	52	11	1	0	0	0	0	0	0	237
15:45	0	0	6	24	35	9	3	0	0	0	0	0	0	0	77
16:00	7	1	4	29	22	12	2	0	0	0	0	0	0	0	77
16:15	5	0	2	22	40	10	3	0	0	0	0	0	0	0	82
16:30	1	0	1	19	40	8	2	0	0	0	0	0	0	0	71
16:45	13	1	13	94	137	39	10	0	0	0	0	0	0	0	307
17:00	3	0	0	16	39	19	4	0	0	0	0	0	0	0	81
17:15	4	0	7	26	48	12	1	0	0	0	0	0	0	0	98
17:30	3	0	0	27	59	17	0	0	0	0	0	0	0	0	106
17:45	9	0	2	23	77	19	1	0	0	0	0	0	0	0	131
18:00	19	0	9	92	223	67	6	0	0	0	0	0	0	0	416
18:15	1	0	2	18	56	12	2	0	0	0	0	0	0	0	91
18:30	4	0	1	14	50	24	0	0	0	0	0	0	0	0	93
18:45	0	0	1	15	25	11	1	0	0	0	0	0	0	0	53
19:00	2	0	2	21	28	17	2	1	0	0	0	0	0	0	73
19:15	7	0	6	68	159	64	5	1	0	0	0	0	0	0	310
19:30	3	0	1	19	50	14	0	0	0	0	0	0	0	0	87
19:45	9	0	4	39	71	6	2	0	0	0	0	0	0	0	131
20:00	2	0	0	12	34	11	1	0	0	0	0	0	0	0	60
20:15	1	0	0	10	33	13	1	0	0	0	0	0	0	0	58
20:30	15	0	5	80	188	44	4	0	0	0	0	0	0	0	336
20:45	1	0	0	14	17	11	1	0	0	0	0	0	0	0	44
21:00	0	0	4	13	16	8	0	0	0	0	0	0	0	0	41
21:15	1	0	0	14	40	11	0	0	0	0	0	0	0	0	66
21:30	2	0	4	21	71	17	1	1	0	0	0	0	0	0	117
21:45	4	0	8	62	144	47	2	1	0	0	0	0	0	0	268
22:00	1	0	0	9	25	11	0	0	0	0	0	0	0	0	46
22:15	0	0	0	10	17	11	1	0	0	0	0	0	0	0	39
22:30	0	0	1	1	10	7	3	0	0	0	0	0	0	0	22
22:45	1	0	0	12	8	6	1	0	0	0	0	0	0	0	28
23:00	2	0	1	32	60	35	5	0	0	0	0	0	0	0	135
23:15	0	0	1	6	16	4	0	0	0	0	0	0	0	0	27
23:30	1	0	1	12	14	8	0	0	0	0	0	0	0	0	36
23:45	0	0	0	4	13	5	1	0	0	0	0	0	0	0	23
24:00	0	0	1	5	5	3	0	0	0	0	0	0	0	0	14
24:15	1	0	3	27	48	20	1	0	0	0	0	0	0	0	100
24:30	0	0	0	11	18	6	1	0	0	0	0	0	0	0	36
24:45	0	0	1	7	6	2	1	0	0	0	0	0	0	0	17
25:00	0	0	1	7	4	5	0	0	0	0	0	0	0	0	17
25:15	0	0	0	4	8	5	1	0	0	0	0	0	0	0	18
25:30	0	0	2	29	36	18	3	0	0	0	0	0	0	0	88
25:45	0	0	0	6	19	1	0	0	0	0	0	0	0	0	26
26:00	0	0	0	6	2	3	0	0	0	0	0	0	0	0	11
26:15	0	0	0	3	4	1	1	0	0	1	0	0	0	0	10
26:30	0	0	0	1	3	0	0	0	0	0	0	0	0	0	4
26:45	0	0	0	16	28	5	1	0	0	1	0	0	0	0	51
Total	88	7	76	676	1284	462	65	3	0	1	0	0	0	0	2662

Tri-State Traffic Data, Inc.

Road: New Elm St
 Location: 345 ft N of Light St
 Counter: 35338

610-466-1469
 TSTData.com

Site Code: 1
 Station ID:
 A to B NB
 Latitude: 40' 7903.0000 North
 Longitude: 75' 31574.0000 West

NB

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
01/19/23	0	0	0	1	4	0	2	0	0	0	0	0	0	0	7
00:15	0	0	0	1	3	5	0	0	0	0	0	0	0	0	9
00:30	0	0	0	0	3	3	1	0	0	0	0	0	0	0	7
00:45	1	0	0	3	1	1	0	0	0	0	0	0	0	0	6
01:00	1	0	0	5	11	9	3	0	0	0	0	0	0	0	29
01:15	0	0	0	1	3	0	0	0	0	0	0	0	0	0	4
01:30	1	0	0	0	1	0	1	0	0	0	0	0	0	0	3
01:45	0	0	0	1	1	0	2	0	0	0	0	0	0	0	4
02:00	0	0	0	0	2	7	3	0	0	0	0	0	0	0	16
02:15	0	0	0	2	2	1	0	0	0	0	0	0	0	0	4
02:30	0	0	0	2	3	2	0	0	0	0	0	0	0	0	7
02:45	0	0	0	0	2	1	0	0	0	0	0	0	0	0	3
03:00	0	0	0	0	1	2	0	0	0	0	0	0	0	0	3
03:15	0	0	0	3	8	6	0	0	0	0	0	0	0	0	17
03:30	0	0	0	0	0	1	1	1	0	0	0	0	0	0	3
03:45	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2
04:00	0	0	1	1	2	0	0	0	0	0	0	0	0	0	3
04:15	0	0	1	3	3	3	1	0	0	0	0	0	0	0	9
04:30	0	0	0	0	4	2	1	0	0	0	0	0	0	0	6
04:45	0	0	1	3	2	6	0	0	0	0	0	0	0	0	12
05:00	1	0	1	6	14	12	1	2	0	0	0	0	0	0	37
05:15	0	0	0	2	7	0	0	0	0	0	0	0	0	0	9
05:30	0	0	1	5	11	9	1	1	0	0	0	0	0	0	28
05:45	0	0	0	10	15	7	5	1	0	0	0	0	0	0	38
06:00	0	0	0	9	11	15	1	2	0	0	0	0	0	0	38
06:15	0	0	1	26	44	31	7	4	0	0	0	0	0	0	113
06:30	0	0	0	3	15	10	1	0	0	0	0	0	0	0	29
06:45	2	0	0	11	25	10	2	0	0	0	0	0	0	0	50
07:00	3	0	0	13	9	5	3	0	0	0	0	0	0	0	33
07:15	0	0	2	9	16	11	1	0	0	0	0	0	0	0	39
07:30	5	0	2	36	65	36	7	0	0	0	0	0	0	0	151
07:45	0	0	1	10	23	14	2	0	0	0	0	0	0	0	50
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	8	0	6	91	178	115	25	7	0	0	0	0	0	0	430
Grand Total	212	32	254	1948	3385	1381	229	23	2	2	0	0	0	1	7469

15th Percentile : 26 MPH
 50th Percentile : 31 MPH
 85th Percentile : 36 MPH
 95th Percentile : 39 MPH

Stats Mean Speed(Average) : 32 MPH
 10 MPH Pace Speed : 26-35 MPH
 Number in Pace : 5333

Percent in Pace :	71.4%
Number of Vehicles > 25 MPH :	6971
Percent of Vehicles > 25 MPH :	93.3%

Tri-State Traffic Data, Inc.

Road: New Elm St
 Location: 345 ft N of Light St
 Counter: 35338

610-466-1469
 TSTData.com

Site Code: 1
 Station ID:
 A to B NB
 Latitude: 40' 7903.0000 North
 Longitude: 75' 31574.0000 West

SB

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
01/17/23	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
00:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
00:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
00:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:15	4	3	14	14	7	2	0	0	0	0	0	0	0	0	44
10:30	3	2	8	8	20	7	1	0	0	0	0	0	0	0	49
10:45	7	0	4	18	13	2	2	0	0	0	0	0	0	0	46
	0	2	6	18	16	6	1	0	0	0	0	0	0	0	49
	14	7	32	58	56	17	4	0	0	0	0	0	0	0	188
11:00	1	0	2	12	19	10	0	1	0	0	0	0	0	0	45
11:15	0	0	9	20	18	12	1	0	1	0	0	0	0	0	61
11:30	3	0	6	15	20	7	1	0	0	0	0	0	0	0	52
11:45	3	0	6	17	17	4	1	0	0	0	0	0	0	0	48
	7	0	23	64	74	33	3	1	1	0	0	0	0	0	206
Total	21	7	55	122	130	50	7	1	1	0	0	0	0	0	394

Tri-State Traffic Data, Inc.

Road: New Elm St
 Location: 345 ft N of Light St
 Counter: 35338

610-466-1469
 TSTData.com

Site Code: 1
 Station ID:
 A to B NB
 Latitude: 40' 7903.0000 North
 Longitude: 75' 31574.0000 West

SB

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
12 PM	3	1	8	17	20	8	1	0	0	0	0	0	0	0	58
12:15	1	0	4	17	17	3	0	0	0	0	0	0	0	0	42
12:30	10	1	9	12	14	4	1	0	0	0	0	0	0	0	51
12:45	11	2	5	18	7	4	1	0	0	0	0	0	0	0	48
13:00	25	4	26	64	58	19	3	0	0	0	0	0	0	0	199
13:15	2	0	5	21	17	11	0	0	0	0	0	0	0	0	56
13:30	0	1	6	19	15	12	0	0	0	0	0	0	0	0	53
13:45	0	2	8	14	25	16	4	0	0	0	0	0	0	0	69
14:00	1	0	9	28	19	10	3	0	0	0	0	0	0	0	70
14:15	3	3	28	82	76	49	7	0	0	0	0	0	0	0	248
14:30	3	1	3	18	17	7	1	0	0	0	0	0	0	0	50
14:45	6	1	1	17	17	5	1	0	0	0	0	0	0	0	48
15:00	2	0	9	13	11	8	0	0	0	0	0	0	0	0	43
15:15	2	2	6	19	20	8	1	0	0	0	0	0	0	0	58
15:30	13	4	19	67	65	28	3	0	0	0	0	0	0	0	199
15:45	0	2	2	9	19	18	3	0	0	0	0	0	0	0	53
16:00	1	0	11	12	18	11	1	0	0	0	0	0	0	0	54
16:15	7	1	7	23	27	14	2	0	0	0	0	0	0	0	81
16:30	1	2	3	22	34	16	2	0	0	0	0	0	0	0	80
16:45	9	5	23	66	98	59	8	0	0	0	0	0	0	0	268
17:00	5	4	10	30	31	18	3	0	0	0	0	0	0	0	101
17:15	5	2	3	19	31	12	0	0	0	0	0	0	0	0	72
17:30	1	1	5	22	34	15	4	1	0	0	0	0	0	0	83
17:45	8	2	14	26	34	17	1	0	0	0	0	0	0	0	102
18:00	19	9	32	97	130	62	8	1	0	0	0	0	0	0	358
18:15	7	2	6	33	41	12	1	0	0	0	0	0	0	0	102
18:30	5	1	8	23	34	12	0	0	0	0	0	0	0	0	83
18:45	3	2	4	29	31	18	1	1	0	0	0	0	0	0	89
19:00	2	0	2	17	29	14	3	1	0	0	0	0	0	0	68
19:15	17	5	20	102	135	56	5	2	0	0	0	0	0	0	342
19:30	2	0	4	14	23	12	1	1	0	0	0	0	0	0	57
19:45	7	1	3	15	15	9	0	0	0	0	0	0	0	0	50
20:00	3	0	2	36	49	22	0	0	0	0	0	0	0	0	112
20:15	4	4	3	6	21	15	7	0	0	0	0	0	0	0	60
20:30	16	5	12	71	108	58	8	1	0	0	0	0	0	0	279
20:45	1	0	0	8	14	13	3	0	0	0	0	0	0	0	39
21:00	0	1	0	4	16	10	2	0	0	0	0	0	0	0	33
21:15	3	0	2	9	19	6	0	0	0	0	0	0	0	0	39
21:30	0	0	0	7	15	10	0	0	0	0	0	0	0	0	32
21:45	4	1	2	28	64	39	5	0	0	0	0	0	0	0	143
22:00	2	0	4	40	53	26	2	0	0	0	0	0	0	0	127
22:15	0	0	1	6	13	12	2	0	0	0	0	0	0	0	34
22:30	0	0	0	3	11	5	3	0	0	0	0	0	0	0	22
22:45	2	0	0	4	3	2	1	0	0	0	0	0	0	0	12
23:00	4	0	5	53	80	45	8	0	0	0	0	0	0	0	195
23:15	1	0	1	7	4	9	2	0	0	0	0	0	0	0	24
23:30	0	0	1	5	13	6	2	1	0	0	0	0	0	0	28
23:45	1	0	1	13	28	14	2	1	0	0	0	0	0	0	60
24:00	0	0	2	2	4	4	0	0	0	0	0	0	0	0	12
24:15	2	0	5	27	49	33	6	2	0	0	0	0	0	0	124
24:30	0	0	1	5	19	5	0	0	0	0	0	0	0	0	30
24:45	1	1	0	3	2	0	0	0	0	0	0	0	0	0	7
25:00	0	0	0	1	2	0	3	0	0	0	0	0	0	0	6
25:15	0	0	0	2	7	3	1	0	0	0	0	0	0	0	13
25:30	1	1	1	11	30	8	4	0	0	0	0	0	0	0	56
25:45	0	0	0	1	1	3	1	1	0	0	0	0	0	0	7
26:00	0	0	0	0	4	2	1	0	0	1	0	0	0	0	8
26:15	0	0	0	2	4	6	2	1	0	0	0	0	0	0	15
26:30	0	0	0	0	3	1	0	0	0	0	0	0	0	0	4
26:45	0	0	0	0	3	1	0	0	0	0	0	0	0	0	4
Total	0	0	0	3	12	12	4	2	0	1	0	0	0	0	34
Total	113	37	173	671	905	468	69	8	0	1	0	0	0	0	2445

Tri-State Traffic Data, Inc.

Road: New Elm St
 Location: 345 ft N of Light St
 Counter: 35338

610-466-1469
 TSTData.com

Site Code: 1
 Station ID:
 A to B NB
 Latitude: 40' 7903.0000 North
 Longitude: 75' 31574.0000 West

SB

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
01/18/23	0	0	0	1	0	2	1	0	0	0	0	0	0	0	4
00:15	0	0	0	0	2	2	2	0	0	0	0	0	0	0	6
00:30	0	0	1	1	0	1	0	0	0	0	0	0	0	0	3
00:45	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2
01:00	0	0	1	3	3	5	3	0	0	0	0	0	0	0	15
01:15	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2
01:30	0	0	0	0	2	0	1	0	0	0	0	0	0	0	3
01:45	0	0	0	0	2	1	1	0	0	0	0	0	0	0	4
02:00	0	0	0	1	1	1	0	0	0	0	0	0	0	0	3
02:15	0	0	0	1	5	4	2	0	0	0	0	0	0	0	12
02:30	0	0	0	0	3	1	0	0	0	0	0	0	0	0	4
02:45	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
03:00	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2
03:15	0	0	1	0	0	1	0	0	0	0	0	0	0	0	2
03:30	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
03:45	0	0	0	0	2	2	0	0	0	0	0	0	0	0	4
04:00	0	0	0	3	0	0	0	0	0	0	0	0	0	0	3
04:15	0	0	1	3	2	1	1	0	0	0	0	0	0	0	8
04:30	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2
04:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
05:00	0	0	1	3	2	1	1	0	0	0	0	0	0	0	10
05:15	0	0	1	0	3	0	0	0	0	0	0	0	0	0	3
05:30	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2
05:45	0	0	0	1	5	1	2	1	0	0	0	0	0	0	10
06:00	0	0	1	3	3	0	0	0	0	0	0	0	0	0	10
06:15	0	0	1	0	0	0	2	0	0	0	0	0	0	0	3
06:30	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
06:45	0	0	0	2	5	1	2	1	0	0	0	0	0	0	10
07:00	0	0	1	3	3	3	0	0	0	0	0	0	0	0	10
07:15	0	0	1	3	2	1	1	0	0	0	0	0	0	0	8
07:30	0	1	1	5	2	1	2	0	0	0	0	0	0	0	11
07:45	0	0	0	1	12	4	0	0	0	0	0	0	0	0	17
08:00	0	1	1	4	9	3	2	0	0	0	0	0	0	0	20
08:15	0	2	2	11	24	11	5	0	0	0	0	0	0	0	55
08:30	1	0	0	6	13	9	0	0	0	0	0	0	0	0	29
08:45	0	0	8	22	21	7	0	1	0	0	0	0	0	0	59
09:00	2	1	7	15	15	4	1	0	0	0	0	0	0	0	45
09:15	1	0	7	21	29	9	5	0	0	0	0	0	0	0	72
09:30	4	1	22	64	78	29	6	1	0	0	0	0	0	0	205
09:45	3	0	12	18	32	6	1	0	0	0	0	0	0	0	72
10:00	2	3	10	15	21	2	1	0	0	0	0	0	0	0	54
10:15	6	2	11	23	29	8	1	0	0	0	0	0	0	0	80
10:30	2	1	7	26	19	14	0	0	0	0	0	0	0	0	69
10:45	13	6	40	82	101	30	3	0	0	0	0	0	0	0	275
11:00	6	1	11	25	27	6	0	0	0	0	0	0	0	0	76
11:15	8	6	3	19	19	7	3	0	0	0	0	0	0	0	65
11:30	2	3	12	30	20	6	0	0	0	0	0	0	0	0	73
11:45	1	1	12	15	22	22	0	1	0	0	0	0	0	0	74
12:00	17	11	38	89	88	41	3	1	0	0	0	0	0	0	288
12:15	0	0	1	17	27	16	3	0	0	0	0	0	0	0	64
12:30	5	0	3	12	19	11	2	1	0	0	0	0	0	0	53
12:45	0	0	4	16	17	17	1	0	0	0	0	0	0	0	55
13:00	2	1	5	22	31	8	2	0	0	0	0	0	0	0	71
13:15	7	1	13	67	94	52	8	1	0	0	0	0	0	0	243
13:30	2	0	4	9	19	5	1	0	0	0	0	0	0	0	40
13:45	0	1	2	14	18	8	0	0	0	0	0	0	0	0	43
14:00	1	0	4	14	18	7	0	0	0	0	0	0	0	0	44
14:15	0	0	3	8	13	8	3	0	0	0	0	0	0	0	35
14:30	3	1	13	45	68	28	4	0	0	0	0	0	0	0	162
14:45	0	0	0	9	20	15	0	0	0	0	0	0	0	0	44
15:00	0	2	8	12	18	7	1	0	0	0	0	0	0	0	48
15:15	1	1	0	7	18	8	4	0	0	0	0	0	0	0	39
15:30	6	2	12	22	21	4	0	0	0	0	0	0	0	0	67
15:45	7	5	20	50	77	34	5	0	0	0	0	0	0	0	198
Total	51	27	151	419	554	242	45	5	0	0	0	0	0	0	1494

Tri-State Traffic Data, Inc.

Road: New Elm St
 Location: 345 ft N of Light St
 Counter: 35338

610-466-1469
 TSTData.com

Site Code: 1
 Station ID:
 A to B NB
 Latitude: 40' 7903.0000 North
 Longitude: 75' 31574.0000 West

SB

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
12 PM	1	0	5	11	18	12	2	1	0	0	0	0	0	0	50
12:15	1	0	6	12	15	3	2	0	0	0	0	0	0	0	39
12:30	1	0	1	13	23	13	5	0	0	0	0	0	0	0	56
12:45	2	0	2	10	21	10	2	1	0	0	0	0	0	0	48
13:00	5	0	14	46	77	38	11	2	0	0	0	0	0	0	193
13:15	1	0	5	12	19	7	1	0	1	0	0	0	0	0	46
13:30	1	0	2	10	16	6	1	1	0	0	0	0	0	0	37
13:45	3	0	3	12	17	8	0	0	0	0	0	0	0	0	43
14:00	1	0	4	9	16	8	1	0	0	0	0	0	0	0	39
14:15	6	0	14	43	68	29	3	1	1	0	0	0	0	0	165
14:30	4	0	8	34	20	13	1	2	0	0	0	0	0	0	82
14:45	2	0	5	21	21	6	1	0	0	0	0	0	0	0	56
15:00	1	1	14	12	19	6	0	0	0	0	0	0	0	0	53
15:15	1	0	3	12	23	9	4	0	0	0	0	0	0	0	52
15:30	8	1	30	79	83	34	6	2	0	0	0	0	0	0	243
15:45	0	0	7	12	27	10	1	0	1	0	0	0	0	0	58
16:00	6	0	5	14	24	11	2	0	0	0	0	0	0	0	62
16:15	8	0	4	22	30	17	3	0	0	0	0	0	0	0	84
16:30	2	1	3	22	24	14	2	0	0	0	0	0	0	0	68
16:45	16	1	19	70	105	52	8	0	1	0	0	0	0	0	272
17:00	3	0	7	20	54	23	2	0	0	0	0	0	0	0	109
17:15	6	0	3	18	35	17	3	0	0	0	0	0	0	0	82
17:30	6	1	10	21	23	15	2	1	0	0	0	0	0	0	79
17:45	14	1	12	31	38	23	2	0	0	0	0	0	0	0	121
18:00	29	2	32	90	150	78	9	1	0	0	0	0	0	0	391
18:15	3	0	4	28	48	13	1	0	0	0	0	0	0	0	97
18:30	6	0	3	26	33	12	5	1	0	0	0	0	0	0	86
18:45	2	0	2	27	41	18	4	0	0	0	0	0	0	0	94
19:00	5	3	2	20	23	8	3	0	0	0	0	0	0	0	64
19:15	16	3	11	101	145	51	13	1	0	0	0	0	0	0	341
19:30	6	0	7	17	25	13	2	0	0	0	0	0	0	0	70
19:45	11	0	1	20	24	11	1	1	0	0	0	0	0	0	69
20:00	3	0	8	55	49	29	2	0	0	0	0	0	0	0	146
20:15	3	0	4	11	31	15	1	0	0	0	0	0	0	0	65
20:30	23	0	20	103	129	68	6	1	0	0	0	0	0	0	350
20:45	0	0	1	11	19	17	1	0	0	0	0	0	0	0	49
21:00	1	0	3	8	20	14	0	0	0	0	0	0	0	0	46
21:15	1	1	2	5	10	13	1	0	0	0	0	0	0	0	33
21:30	4	1	1	12	9	5	0	0	0	0	0	0	0	0	32
21:45	6	2	7	36	58	49	2	0	0	0	0	0	0	0	160
22:00	1	1	11	39	62	15	4	0	0	0	0	0	0	0	133
22:15	0	0	0	7	12	8	3	0	0	0	0	0	0	0	30
22:30	0	0	0	1	20	4	1	0	0	0	0	0	0	0	26
22:45	0	0	0	3	9	6	0	1	0	0	0	0	0	0	19
23:00	1	1	11	50	103	33	8	1	0	0	0	0	0	0	208
23:15	0	0	0	6	11	13	1	2	0	0	0	0	0	0	33
23:30	2	0	2	4	7	6	1	0	0	0	0	0	0	0	22
23:45	0	0	0	22	31	16	2	0	0	0	0	0	0	0	71
24:00	1	3	3	13	19	10	1	0	1	0	0	0	0	0	51
24:15	3	3	5	45	68	45	5	2	1	0	0	0	0	0	177
24:30	0	0	1	6	17	4	0	0	0	0	0	0	0	0	28
24:45	0	0	0	5	5	2	0	1	0	0	0	0	0	0	13
25:00	0	0	1	4	3	4	1	0	0	0	0	0	0	0	13
25:15	2	1	1	2	2	3	0	0	0	0	0	0	0	0	11
25:30	2	1	3	17	27	13	1	1	0	0	0	0	0	0	65
25:45	0	0	0	1	4	5	1	0	0	0	0	0	0	0	11
26:00	0	0	0	0	5	2	1	0	0	0	0	0	0	0	8
26:15	0	1	1	3	3	1	2	0	1	0	0	0	0	0	12
26:30	0	0	0	0	5	0	1	0	0	0	0	0	0	0	6
26:45	0	0	0	0	5	0	1	0	0	0	0	0	0	0	6
Total	0	1	1	4	17	8	5	0	1	0	0	0	0	0	37
Total	115	15	167	684	1030	498	77	12	4	0	0	0	0	0	2602

Tri-State Traffic Data, Inc.

Road: New Elm St
 Location: 345 ft N of Light St
 Counter: 35338

610-466-1469
 TSTData.com

Site Code: 1
 Station ID:
 A to B NB
 Latitude: 40' 7903.0000 North
 Longitude: 75' 31574.0000 West

SB

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
01/19/23	0	0	0	0	3	1	1	0	0	0	0	0	0	0	5
00:15	0	0	0	1	3	2	0	0	0	0	0	0	0	0	6
00:30	0	0	0	0	1	1	0	0	1	0	0	0	0	0	3
00:45	0	0	0	0	0	3	0	0	0	0	0	0	0	0	3
01:00	0	0	1	0	3	3	0	0	0	0	0	0	0	0	17
01:15	0	0	0	1	1	0	0	0	0	1	0	0	0	0	7
01:30	0	0	1	0	3	0	0	0	0	0	0	0	0	0	3
01:45	0	0	0	1	2	1	0	0	0	0	0	0	0	0	4
02:00	0	0	2	2	9	4	0	0	0	1	0	0	0	0	18
02:15	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2
02:30	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
02:45	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
03:00	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2
03:15	0	0	2	1	1	3	0	0	0	0	0	0	0	0	7
03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:45	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2
04:00	0	0	0	2	0	1	2	0	0	0	0	0	0	0	5
04:15	0	0	0	3	1	1	4	0	0	0	0	0	0	0	9
04:30	0	0	0	0	0	2	1	0	0	0	0	0	0	0	3
04:45	0	0	0	2	2	0	0	0	0	0	0	0	0	0	2
05:00	0	0	3	2	4	5	2	0	0	0	0	0	0	0	17
05:15	0	0	1	3	3	3	2	0	0	0	0	0	0	0	10
05:30	0	0	1	3	2	3	0	0	0	0	0	0	0	0	9
05:45	2	0	0	3	11	4	1	0	0	0	0	0	0	0	21
06:00	0	0	1	7	10	3	2	0	0	0	0	0	0	0	23
06:15	2	0	3	14	26	13	5	0	0	0	0	0	0	0	63
06:30	0	0	4	4	6	9	1	0	0	0	0	0	0	0	24
06:45	3	0	8	11	18	5	0	0	0	0	0	0	0	0	45
07:00	1	0	3	14	14	3	0	0	0	0	0	0	0	0	35
07:15	0	0	3	18	28	6	1	0	0	0	0	0	0	0	56
07:30	4	0	18	47	66	23	2	0	0	0	0	0	0	0	160
07:45	0	4	12	27	14	6	2	0	0	0	0	0	0	0	65
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Total	6	4	40	98	128	62	16	0	1	1	0	0	0	0	356
Grand Total	306	90	586	1994	2747	1320	214	26	6	2	0	0	0	0	7291

15th Percentile : 25 MPH
 50th Percentile : 31 MPH
 85th Percentile : 36 MPH
 95th Percentile : 39 MPH

Stats Mean Speed(Average) : 31 MPH
 10 MPH Pace Speed : 26-35 MPH
 Number in Pace : 4741

Percent in Pace :	65.0%
Number of Vehicles > 25 MPH :	6309
Percent of Vehicles > 25 MPH :	86.5%

Tri-State Traffic Data, Inc.
610-466-1469
TSTData.com

Road: New Elm St
Location: 345 ft N of Light St
Counter: 35338

Site Code: 1
Station ID:
A to B NB
Latitude: 40' 7903.0000 North
Longitude: 75' 31574.0000 West

NB

Start Time	1	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	85th Percent	95th Percent
	15	20	25	30	35	40	45	50	55	60	65	70	75	999			
01/17/23	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	10	4	20	58	57	10	2	0	0	0	0	0	0	0	161	33	36
11:00	1	0	8	49	95	29	5	1	0	0	0	0	0	0	188	36	39
12 PM	1	2	12	80	83	25	1	0	0	0	0	0	0	1	205	34	38
13:00	1	1	11	58	87	30	9	0	0	0	0	0	0	0	197	36	39
14:00	15	4	11	65	112	40	9	1	0	0	0	0	0	0	257	36	39
15:00	11	1	11	81	123	54	10	0	0	0	0	0	0	0	291	36	39
16:00	15	1	10	102	210	78	6	0	1	0	0	0	0	0	423	36	39
17:00	10	4	11	65	132	58	4	0	0	0	0	0	0	0	284	36	39
18:00	9	2	2	82	174	47	6	1	0	1	0	0	0	0	324	35	39
19:00	1	0	2	51	99	36	7	0	0	0	0	0	0	0	196	36	39
20:00	4	0	1	25	55	27	2	0	0	0	0	0	0	0	114	37	39
21:00	1	0	2	27	54	25	5	0	0	0	0	0	0	0	114	37	39
22:00	0	0	5	14	36	18	9	2	0	0	0	0	0	0	84	39	43
23:00	0	0	4	8	14	7	2	0	0	0	0	0	0	0	35	37	40
Total	79	19	110	765	1331	484	77	5	1	1	0	0	0	1	2873		
Percent	2.7%	0.7%	3.8%	26.6%	46.3%	16.8%	2.7%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	10:00	10:00	10:00	10:00	11:00	11:00	11:00	11:00							11:00		
Vol.	10	4	20	58	95	29	5	1							188		
PM Peak	14:00	14:00	12:00	16:00	16:00	16:00	15:00	22:00	16:00	18:00				12:00	16:00		
Vol.	15	4	12	102	210	78	10	2	1	1				1	423		

Tri-State Traffic Data, Inc.
610-466-1469
TSTData.com

Road: New Elm St
Location: 345 ft N of Light St
Counter: 35338

Site Code: 1
Station ID:
A to B NB
Latitude: 40' 7903.0000 North
Longitude: 75' 31574.0000 West

NB

Start Time	1	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	85th Percent	95th Percent
	15	20	25	30	35	40	45	50	55	60	65	70	75	999			
01/18/23	0	0	1	2	11	8	2	0	0	0	0	0	0	0	24	38	41
01:00	0	0	1	3	5	2	3	1	1	0	0	0	0	0	16	44	50
02:00	0	0	0	3	6	7	1	2	0	0	0	0	0	0	19	40	47
03:00	0	0	1	3	5	4	1	0	0	0	0	0	0	0	14	38	41
04:00	0	0	0	4	19	12	3	1	0	0	0	0	0	0	39	39	43
05:00	1	0	6	36	63	39	4	0	0	0	0	0	0	0	149	37	39
06:00	4	0	2	33	77	61	9	1	0	0	0	0	0	0	187	38	40
07:00	13	3	27	102	77	17	1	0	0	0	0	0	0	0	240	33	36
08:00	11	1	4	50	95	46	10	2	0	0	0	0	0	0	219	37	40
09:00	3	0	3	57	80	40	9	0	0	0	0	0	0	0	192	37	39
10:00	2	1	10	61	69	43	9	1	0	0	0	0	0	0	196	37	40
11:00	3	1	7	62	85	41	10	0	0	0	0	0	0	0	209	37	39
12 PM	5	1	9	51	77	42	9	0	0	0	0	0	0	0	194	37	39
13:00	7	3	9	73	91	29	8	0	0	0	0	0	0	0	220	35	39
14:00	15	2	11	52	93	52	11	1	0	0	0	0	0	0	237	37	40
15:00	13	1	13	94	137	39	10	0	0	0	0	0	0	0	307	35	39
16:00	19	0	9	92	223	67	6	0	0	0	0	0	0	0	416	35	38
17:00	7	0	6	68	159	64	5	1	0	0	0	0	0	0	310	36	39
18:00	15	0	5	80	188	44	4	0	0	0	0	0	0	0	336	34	38
19:00	4	0	8	62	144	47	2	1	0	0	0	0	0	0	268	36	38
20:00	2	0	1	32	60	35	5	0	0	0	0	0	0	0	135	37	39
21:00	1	0	3	27	48	20	1	0	0	0	0	0	0	0	100	36	38
22:00	0	0	2	29	36	18	3	0	0	0	0	0	0	0	88	37	39
23:00	0	0	0	16	28	5	1	0	0	1	0	0	0	0	51	34	39
Total	125	13	138	1092	1876	782	127	11	1	1	0	0	0	0	4166		
Percent	3.0%	0.3%	3.3%	26.2%	45.0%	18.8%	3.0%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	07:00	07:00	07:00	07:00	08:00	06:00	08:00	02:00	01:00						07:00		
Vol.	13	3	27	102	95	61	10	2	1						240		
PM Peak	16:00	13:00	15:00	15:00	16:00	16:00	14:00	14:00		23:00					16:00		
Vol.	19	3	13	94	223	67	11	1		1					416		

Tri-State Traffic Data, Inc.
610-466-1469
TSTData.com

Road: New Elm St
Location: 345 ft N of Light St
Counter: 35338

Site Code: 1
Station ID:
A to B NB
Latitude: 40' 7903.0000 North
Longitude: 75' 31574.0000 West

NB

Start Time	1	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	85th Percent	95th Percent
	15	20	25	30	35	40	45	50	55	60	65	70	75	999			
01/19/23	1	0	0	5	11	9	3	0	0	0	0	0	0	0	29	39	42
01:00	1	0	0	2	7	3	3	0	0	0	0	0	0	0	16	41	43
02:00	0	0	0	3	8	6	0	0	0	0	0	0	0	0	17	37	39
03:00	0	0	1	3	6	4	2	1	0	0	0	0	0	0	17	41	45
04:00	1	0	1	6	14	12	1	2	0	0	0	0	0	0	37	38	45
05:00	0	0	1	26	44	31	7	4	0	0	0	0	0	0	113	39	43
06:00	5	0	2	36	65	36	7	0	0	0	0	0	0	0	151	37	39
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Total	8	0	5	81	155	101	23	7	0	0	0	0	0	0	380		
Percent	2.1%	0.0%	1.3%	21.3%	40.8%	26.6%	6.1%	1.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	06:00		06:00	06:00	06:00	06:00	05:00	05:00							06:00		
Vol.	5		2	36	65	36	7	4							151		
PM Peak																	
Vol.																	
Total	212	32	253	1938	3362	1367	227	23	2	2	0	0	0	1	7419		
Percent	2.9%	0.4%	3.4%	26.1%	45.3%	18.4%	3.1%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			

15th Percentile : 26 MPH
50th Percentile : 31 MPH
85th Percentile : 36 MPH
95th Percentile : 39 MPH

Stats
10 MPH Pace Speed : 26-35 MPH
Number in Pace : 5300
Percent in Pace : 71.4%
Number of Vehicles > 25 MPH : 6922
Percent of Vehicles > 25 MPH : 93.3%
Mean Speed(Average) : 32 MPH

Tri-State Traffic Data, Inc.
610-466-1469
TSTData.com

Road: New Elm St
Location: 345 ft N of Light St
Counter: 35338

Site Code: 1
Station ID:
A to B NB
Latitude: 40' 7903.0000 North
Longitude: 75' 31574.0000 West

SB

Start Time	1	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	85th Percent	95th Percent
	15	20	25	30	35	40	45	50	55	60	65	70	75	999			
01/17/23	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	14	7	32	58	56	17	4	0	0	0	0	0	0	0	188	34	38
11:00	7	0	23	64	74	33	3	1	1	0	0	0	0	0	206	36	39
12 PM	25	4	26	64	58	19	3	0	0	0	0	0	0	0	199	34	38
13:00	3	3	28	82	76	49	7	0	0	0	0	0	0	0	248	36	39
14:00	13	4	19	67	65	28	3	0	0	0	0	0	0	0	199	35	38
15:00	9	5	23	66	98	59	8	0	0	0	0	0	0	0	268	37	39
16:00	19	9	32	97	130	62	8	1	0	0	0	0	0	0	358	36	39
17:00	17	5	20	102	135	56	5	2	0	0	0	0	0	0	342	36	39
18:00	16	5	12	71	108	58	8	1	0	0	0	0	0	0	279	37	39
19:00	4	1	2	28	64	39	5	0	0	0	0	0	0	0	143	37	39
20:00	4	0	5	53	80	45	8	0	0	0	0	0	0	0	195	37	39
21:00	2	0	5	27	49	33	6	2	0	0	0	0	0	0	124	38	41
22:00	1	1	1	11	30	8	4	0	0	0	0	0	0	0	56	37	41
23:00	0	0	0	3	12	12	4	2	0	1	0	0	0	0	34	42	48
Total	134	44	228	793	1035	518	76	9	1	1	0	0	0	0	2839		
Percent	4.7%	1.5%	8.0%	27.9%	36.5%	18.2%	2.7%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	10:00	10:00	10:00	11:00	11:00	11:00	10:00	11:00	11:00						11:00		
Vol.	14	7	32	64	74	33	4	1	1						206		
PM Peak	12:00	16:00	16:00	17:00	17:00	16:00	15:00	17:00		23:00					16:00		
Vol.	25	9	32	102	135	62	8	2		1					358		

Tri-State Traffic Data, Inc.
610-466-1469
TSTData.com

Road: New Elm St
Location: 345 ft N of Light St
Counter: 35338

Site Code: 1
Station ID:
A to B NB
Latitude: 40' 7903.0000 North
Longitude: 75' 31574.0000 West

SB

Start Time	1	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	85th Percent	95th Percent
	15	20	25	30	35	40	45	50	55	60	65	70	75	999			
01/18/23	0	0	1	3	3	5	3	0	0	0	0	0	0	0	15	41	43
01:00	0	0	0	1	5	4	2	0	0	0	0	0	0	0	12	40	43
02:00	0	0	0	1	3	2	1	1	0	0	0	0	0	0	8	43	47
03:00	0	0	1	3	3	3	0	0	0	0	0	0	0	0	10	37	39
04:00	0	0	1	3	10	3	5	1	0	0	0	0	0	0	23	42	44
05:00	0	2	2	11	24	11	5	0	0	0	0	0	0	0	55	38	42
06:00	4	1	22	64	78	29	6	1	0	0	0	0	0	0	205	35	39
07:00	13	6	40	82	101	30	3	0	0	0	0	0	0	0	275	34	38
08:00	17	11	38	89	88	41	3	1	0	0	0	0	0	0	288	35	38
09:00	7	1	13	67	94	52	8	1	0	0	0	0	0	0	243	37	39
10:00	3	1	13	45	68	28	4	0	0	0	0	0	0	0	162	36	39
11:00	7	5	20	50	77	34	5	0	0	0	0	0	0	0	198	36	39
12 PM	5	0	14	46	77	38	11	2	0	0	0	0	0	0	193	37	41
13:00	6	0	14	43	68	29	3	1	1	0	0	0	0	0	165	36	39
14:00	8	1	30	79	83	34	6	2	0	0	0	0	0	0	243	35	39
15:00	16	1	19	70	105	52	8	0	1	0	0	0	0	0	272	36	39
16:00	29	2	32	90	150	78	9	1	0	0	0	0	0	0	391	36	39
17:00	16	3	11	101	145	51	13	1	0	0	0	0	0	0	341	36	39
18:00	23	0	20	103	129	68	6	1	0	0	0	0	0	0	350	36	39
19:00	6	2	7	36	58	49	2	0	0	0	0	0	0	0	160	37	39
20:00	1	1	11	50	103	33	8	1	0	0	0	0	0	0	208	36	39
21:00	3	3	5	45	68	45	5	2	1	0	0	0	0	0	177	37	39
22:00	2	1	3	17	27	13	1	1	0	0	0	0	0	0	65	37	39
23:00	0	1	1	4	17	8	5	0	1	0	0	0	0	0	37	40	44
Total	166	42	318	1103	1584	740	122	17	4	0	0	0	0	0	4096		
Percent	4.1%	1.0%	7.8%	26.9%	38.7%	18.1%	3.0%	0.4%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00	08:00	07:00	08:00	07:00	09:00	09:00	02:00							08:00		
Vol.	17	11	40	89	101	52	8	1							288		
PM Peak	16:00	17:00	16:00	18:00	16:00	16:00	17:00	12:00	13:00						16:00		
Vol.	29	3	32	103	150	78	13	2	1						391		

Tri-State Traffic Data, Inc.

Road: New Elm St
 Location: 345 ft N of Light St
 Counter: 35338

610-466-1469
 TSTData.com

Site Code: 1
 Station ID:
 A to B NB
 Latitude: 40' 7903.0000 North
 Longitude: 75' 31574.0000 West

Start Time	1/17/2023 Tue	NB	SB	Total						
12:00 AM		*	*	*						
12:15		*	*	*						
12:30		*	*	*						
12:45		*	*	*						
01:00		*	*	*						
01:15		*	*	*						
01:30		*	*	*						
01:45		*	*	*						
02:00		*	*	*						
02:15		*	*	*						
02:30		*	*	*						
02:45		*	*	*						
03:00		*	*	*						
03:15		*	*	*						
03:30		*	*	*						
03:45		*	*	*						
04:00		*	*	*						
04:15		*	*	*						
04:30		*	*	*						
04:45		*	*	*						
05:00		*	*	*						
05:15		*	*	*						
05:30		*	*	*						
05:45		*	*	*						
06:00		*	*	*						
06:15		*	*	*						
06:30		*	*	*						
06:45		*	*	*						
07:00		*	*	*						
07:15		*	*	*						
07:30		*	*	*						
07:45		*	*	*						
08:00		*	*	*						
08:15		*	*	*						
08:30		*	*	*						
08:45		*	*	*						
09:00		*	*	*						
09:15		*	*	*						
09:30		*	*	*						
09:45		*	*	*						
10:00		42	44	86						
10:15		34	49	83						
10:30		51	46	97						
10:45		34	49	83						
11:00		41	45	86						
11:15		45	61	106						
11:30		48	52	100						
11:45		54	48	102						
Total		349	394	743						
Percent		47.0%	53.0%							
Peak	-	11:00	10:45	-	-	-	-	-	-	11:00
Vol.	-	188	207	-	-	-	-	-	-	394
P.H.F.		0.870	0.848							0.929

Tri-State Traffic Data, Inc.

Road: New Elm St
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610-466-1469
 TSTData.com

Site Code: 1
 Station ID:
 A to B NB
 Latitude: 40' 7903.0000 North
 Longitude: 75' 31574.0000 West

Start Time	1/17/2023 Tue	NB	SB							Total
12:00 PM		57	58							115
12:15		54	42							96
12:30		41	51							92
12:45		53	48							101
01:00		39	56							95
01:15		55	53							108
01:30		61	69							130
01:45		42	70							112
02:00		53	50							103
02:15		56	48							104
02:30		72	43							115
02:45		76	58							134
03:00		58	53							111
03:15		67	54							121
03:30		88	81							169
03:45		78	80							158
04:00		91	101							192
04:15		91	72							163
04:30		121	83							204
04:45		120	102							222
05:00		89	102							191
05:15		71	83							154
05:30		54	89							143
05:45		70	68							138
06:00		91	57							148
06:15		123	50							173
06:30		63	112							175
06:45		47	60							107
07:00		37	39							76
07:15		18	33							51
07:30		63	39							102
07:45		78	32							110
08:00		33	127							160
08:15		31	34							65
08:30		24	22							46
08:45		26	12							38
09:00		40	24							64
09:15		31	28							59
09:30		23	60							83
09:45		20	12							32
10:00		41	30							71
10:15		15	7							22
10:30		12	6							18
10:45		16	13							29
11:00		12	7							19
11:15		11	8							19
11:30		7	15							22
11:45		5	4							9
Total		2524	2445							4969
Percent		50.8%	49.2%							
Peak	-	16:00	16:45	-	-	-	-	-	-	16:00
Vol.	-	423	376	-	-	-	-	-	-	781
P.H.F.		0.874	0.922							0.880

Tri-State Traffic Data, Inc.

Road: New Elm St
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610-466-1469
 TSTData.com

Site Code: 1
 Station ID:
 A to B NB
 Latitude: 40' 7903.0000 North
 Longitude: 75' 31574.0000 West

Start Time	1/18/2023 Wed	NB	SB							Total
12:00 AM		4	4							8
12:15		8	6							14
12:30		8	3							11
12:45		4	2							6
01:00		6	2							8
01:15		7	3							10
01:30		2	4							6
01:45		1	3							4
02:00		7	4							11
02:15		8	1							9
02:30		2	2							4
02:45		2	1							3
03:00		3	2							5
03:15		2	1							3
03:30		6	4							10
03:45		3	3							6
04:00		8	3							11
04:15		10	2							12
04:30		7	10							17
04:45		14	8							22
05:00		19	7							26
05:15		27	11							38
05:30		49	17							66
05:45		54	20							74
06:00		44	29							73
06:15		54	59							113
06:30		42	45							87
06:45		47	72							119
07:00		45	72							117
07:15		49	54							103
07:30		71	80							151
07:45		75	69							144
08:00		64	76							140
08:15		54	65							119
08:30		59	73							132
08:45		42	74							116
09:00		42	64							106
09:15		57	53							110
09:30		53	55							108
09:45		40	71							111
10:00		38	40							78
10:15		38	43							81
10:30		58	44							102
10:45		62	35							97
11:00		34	44							78
11:15		43	48							91
11:30		69	39							108
11:45		63	67							130
Total		1504	1494							2998
Percent		50.2%	49.8%							
Peak	-	07:30	07:30	-	-	-	-	-	-	07:30
Vol.	-	264	290	-	-	-	-	-	-	554
P.H.F.		0.880	0.906							0.917

Tri-State Traffic Data, Inc.

Road: New Elm St
 Location: 345 ft N of Light St
 Counter: 35338

610-466-1469
 TSTData.com

Site Code: 1
 Station ID:
 A to B NB
 Latitude: 40' 7903.0000 North
 Longitude: 75' 31574.0000 West

Start Time	1/18/2023 Wed	NB	SB							Total
12:00 PM		52	50							102
12:15		46	39							85
12:30		54	56							110
12:45		42	48							90
01:00		56	46							102
01:15		28	37							65
01:30		66	43							109
01:45		70	39							109
02:00		59	82							141
02:15		60	56							116
02:30		47	53							100
02:45		71	52							123
03:00		77	58							135
03:15		77	62							139
03:30		82	84							166
03:45		71	68							139
04:00		81	109							190
04:15		98	82							180
04:30		106	79							185
04:45		131	121							252
05:00		91	97							188
05:15		93	86							179
05:30		53	94							147
05:45		73	64							137
06:00		87	70							157
06:15		131	69							200
06:30		60	146							206
06:45		58	65							123
07:00		44	49							93
07:15		41	46							87
07:30		66	33							99
07:45		117	32							149
08:00		46	133							179
08:15		39	30							69
08:30		22	26							48
08:45		28	19							47
09:00		27	33							60
09:15		36	22							58
09:30		23	71							94
09:45		14	51							65
10:00		36	28							64
10:15		17	13							30
10:30		17	13							30
10:45		18	11							29
11:00		26	11							37
11:15		11	8							19
11:30		10	12							22
11:45		4	6							10
Total		2662	2602							5264
Percent		50.6%	49.4%							
Peak	-	16:15	16:45	-	-	-	-	-	-	16:00
Vol.	-	426	398	-	-	-	-	-	-	807
P.H.F.		0.813	0.822							0.801

Tri-State Traffic Data, Inc.

Road: New Elm St
 Location: 345 ft N of Light St
 Counter: 35338

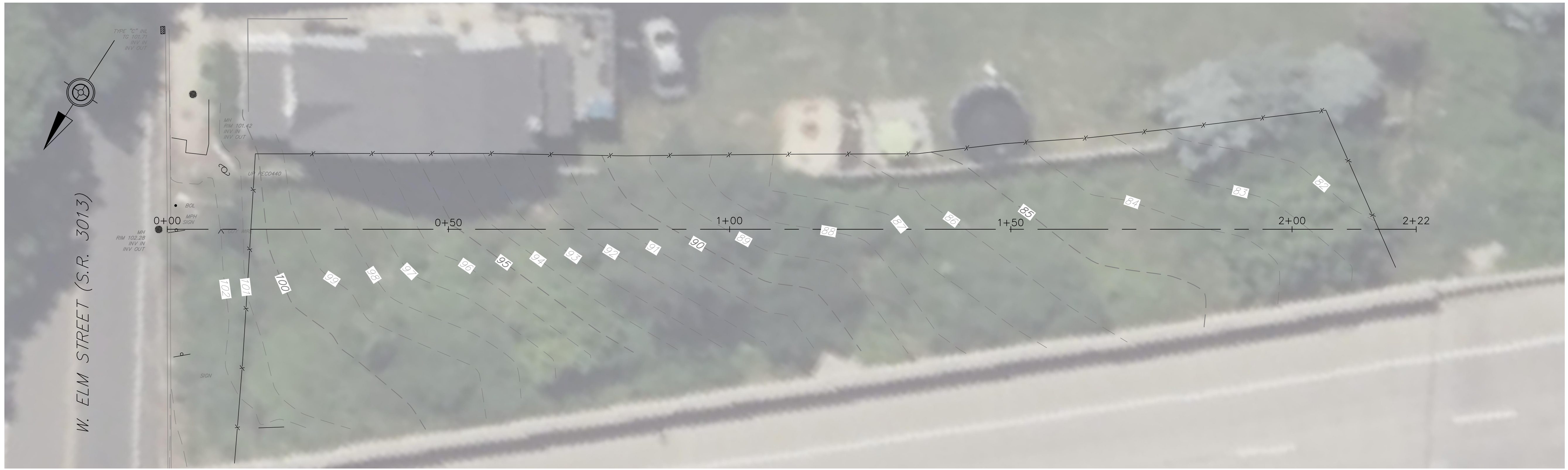
610-466-1469
 TSTData.com

Site Code: 1
 Station ID:
 A to B NB
 Latitude: 40' 7903.0000 North
 Longitude: 75' 31574.0000 West

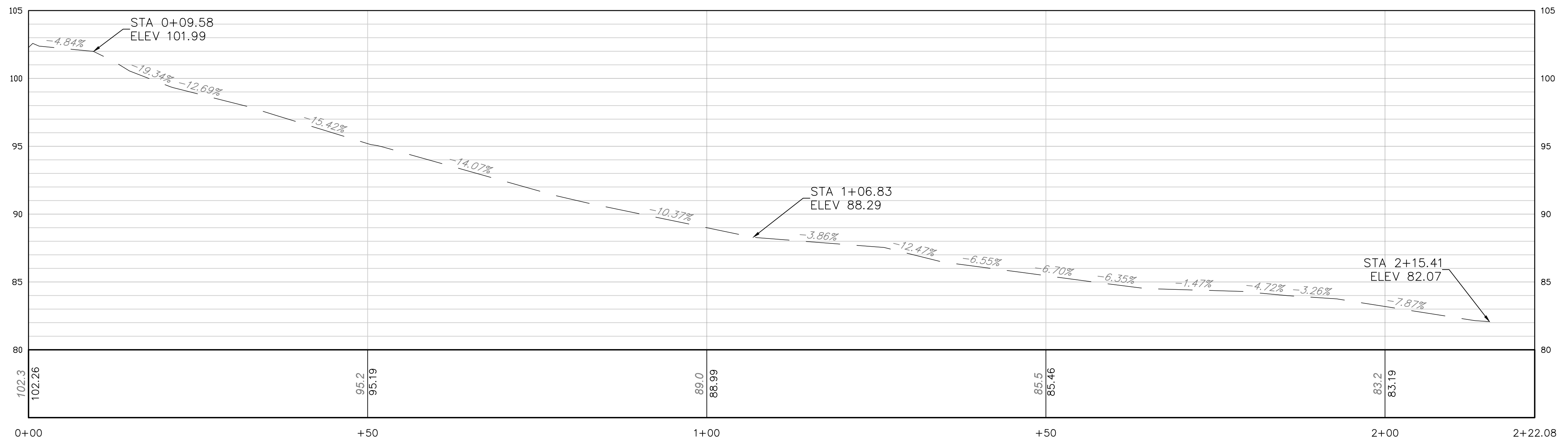
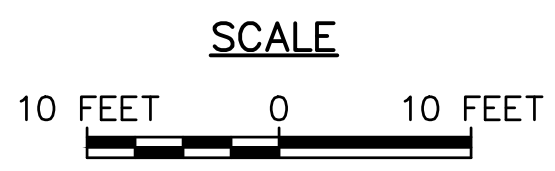
Start Time	1/19/2023 Thu	NB	SB							Total
12:00 AM		7	5							12
12:15		9	6							15
12:30		7	3							10
12:45		6	3							9
01:00		4	7							11
01:15		3	3							6
01:30		4	4							8
01:45		5	4							9
02:00		4	2							6
02:15		7	2							9
02:30		3	1							4
02:45		3	2							5
03:00		3	0							3
03:15		2	2							4
03:30		3	2							5
03:45		9	5							14
04:00		10	3							13
04:15		6	2							8
04:30		9	6							15
04:45		12	6							18
05:00		9	10							19
05:15		28	9							37
05:30		38	21							59
05:45		38	23							61
06:00		29	24							53
06:15		50	45							95
06:30		33	35							68
06:45		39	56							95
07:00		50	65							115
07:15		*	*							*
07:30		*	*							*
07:45		*	*							*
08:00		*	*							*
08:15		*	*							*
08:30		*	*							*
08:45		*	*							*
09:00		*	*							*
09:15		*	*							*
09:30		*	*							*
09:45		*	*							*
10:00		*	*							*
10:15		*	*							*
10:30		*	*							*
10:45		*	*							*
11:00		*	*							*
11:15		*	*							*
11:30		*	*							*
11:45		*	*							*
Total		430	356							786
Percent		54.7%	45.3%							
Peak	-	06:15	06:15	-	-	-	-	-	-	06:15
Vol.	-	172	201	-	-	-	-	-	-	373
P.H.F.		0.860	0.773							0.811
Total		7469	7291							14760
Percent		50.6%	49.4%							
ADT		ADT 8,049	AADT 8,049							

Attachment B: Survey Exhibit

DISTRICT	COUNTY	ROUTE	SECTION	SHEET	
6-0	MONTGOMERY	3013	-	-	
PLYMOUTH TOWNSHIP					
REVISION NUMBER	REVISIONS			DATE	BY



EMBANKMENT EXHIBIT



EMBANKMENT PROFILE
SCALE: HORIZ 1"=0'
VERT 1"=0'

\\cnc-01a\newformdata\Survey\238568\Survey\CAD\Embarkment Exhibit.dwg, May 28, 2024, 10:50am, lsh, Erf, Border File