
**US 202 TRAFFIC ANALYSIS
SECTION 100
DELAWARE STATE LINE
TO MATLACK STREET**



SECTION 100

March 1992



Delaware Valley Regional Planning Commission

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Delaware Valley Regional Planning Commission
The Bourse Building
21 South 5th Street
Philadelphia, PA 19106

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DELAWARE VALLEY REGIONAL PLANNING COMMISSION

Publication Abstract

TITLE	Date Published: March 1992
US 202 TRAFFIC ANALYSIS SECTION 100 DELAWARE STATE LINE TO MATLACK STREET	Publication No. 92007

Geographic Area Covered:

The US 202 Corridor for Section 100 includes the following municipalities; in Chester County: Birmingham Township, East Bradford Township, Thornbury Township, West Chester Borough, West Goshen Township and Westtown Township; in Delaware County: Bethel Township, Birmingham Township, Concord Township and Thornbury Township.

Key Words:

US 202, existing traffic volumes, focused highway assignment process, proposed development activity, trip generation, highway assignment model, improvement alternatives, future traffic volumes

ABSTRACT

This report presents current traffic counts as well as Year 1998 and 2018 traffic forecasts on a 7.5 mile segment of US 202 between the Delaware State Line and Matlack Street in Chester County. It was prepared at the request of the Pennsylvania Department of Transportation which is conducting environmental impact and preliminary engineering studies for improvements to US 202 Section 100 in Chester and Delaware counties. The Delaware Valley Regional Planning Commission's regional travel simulation model was used to estimate future traffic volumes for four basic alternatives. These alternatives included: no widening of US 202, TSM improvements, widening US 202 to six lanes and widening US 202 to six lanes with interchanges at US 1 and at PA 926.

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TABLE OF CONTENTS

EXECUTIVE SUMMARY 1

I. INTRODUCTION 3

II. DESCRIPTION OF THE US 202 CORRIDOR 5

 1. Existing Highway Facilities and Land Uses 5

 2. Existing Traffic Volumes 9

 3. Speed and Delay Study 9

III. ALTERNATIVES 13

 1. No-Widening Alternative 13

 2. TSM Alternative 13

 3. Widening to Six Lanes 13

 4. Widening to Six Lanes with Interchanges at US 1 and PA 926 13

IV. TRAVEL FORECASTING PROCEDURES 17

 1. Socio-Economic Projections 17

 2. Regional Traffic Simulation Model 22

 3. Focused Highway Assignment Process 24

 4. Year 2018 Trip Table Preparation 24

 5. Highway Assignment Model 30

 6. Estimation of 1998 Traffic Volumes 30



V. FUTURE TRAFFIC VOLUMES 31

 YEAR 2018 TRAFFIC ANALYSIS 31

 1. No-Widening Alternative 31

 2. TSM Alternative 32

 3. Widening to Six Lanes 33

 4. Widening to Six Lanes with Interchanges at US 1 and PA 926 34

 YEAR 1998 TRAFFIC ANALYSIS 41

 DESIGN FACTORS 41

APPENDICES

A. TRAFFIC VOLUMES A-1

B. MANUAL TURNING MOVEMENT COUNTS B-1

LIST OF FIGURES

1. US 202 Location Map 4

2. Study Area Map 6

3. Current Traffic Counts 8

4. Highway Improvement Alternatives 14

5. Focused Traffic Simulation Process 18

6. Current and 2018 No-Widening Traffic Volumes 35

7. 2018 TSM and No-Widening Alternative Traffic Volumes 36

8. 2018 Widening and No-Widening Alternative Traffic Volumes 37

9. 2018 Widening With Interchanges at US 1, PA 926
and Widening Alternative Traffic Volumes 38

10. Current and 1998 No-Widening Traffic Volumes 43

11. 1998 TSM and No-Widening Alternative Traffic Volumes 44

12. 1998 Widening and No-Widening Alternative Traffic Volumes 45

13. 1998 Widening With Interchanges at US 1, PA 926
and Widening Alternative Traffic Volumes 46

LIST OF TABLES

1.	Speed and Delay - Northbound	11
2.	Speed and Delay - Southbound	12
3.	Facilities Included in the US 202 Traffic Analysis Study Alternative Transportation Networks	15
4.	Population Growth in the US 202 Study Area	20
5.	Employment Growth in the US 202 Study Area	21
6.	Daily Trip Generation for Planned Major Residential and Commercial Developments in the US 202 Study Area	26
7.	Comparison of Year 2018 Average Daily Traffic Volumes (ADT) Under the No-widening, TSM, and Widening Alternatives	39
8.	Comparison of Year 2018 Average Daily Traffic Volumes (ADT) Under the Widening with Interchanges and Widening Alternatives	40
9.	Comparison of Year 1991 and 1998 Average Daily Traffic Volumes on Selected Cutlines Bisecting US 202 and Parallel Roads	47
10.	Comparison of Year 1998 and 2018 Average Daily Traffic Volumes on Selected Cutlines Bisecting US 202 and Parallel Roads	48

EXECUTIVE SUMMARY

This report presents current traffic counts as well as Year 1998 and 2018 traffic forecasts on a 7.5 mile segment of US 202 between the Delaware State Line and Matlack Street. This segment, which lies in Delaware and Chester counties, is commonly known as Section 100. The report was prepared at the request of the Pennsylvania Department of Transportation (PennDOT) and its consultants who are conducting environmental impact and preliminary engineering studies of Section 100.

Four alternatives were investigated including a no-widening alternative, a TSM alternative, a widening of US 202 to six lanes, and a widening of US 202 to six lanes with interchanges at US 1 and Street Road (PA 926).

In preparation for projecting future traffic volumes, extensive traffic counts and turning movement counts were collected in the study area during September 1991. In addition, Chester County, Delaware County, and the municipalities in the study area identified proposed development. Approximately 4,800 residential units and over 5 million square feet of non-residential development were identified in some stage of planning or construction.

DVRPC's regional travel simulation model was used to estimate future traffic volumes. The model is essentially FHWA's standard UTPS model calibrated for the Philadelphia region. A focused simulation was conducted whereby the travel zones in the study area were subdivided into smaller zones to better reflect the highway network and land use characteristics of the study area. The model's highway network encompassing the study area was reviewed and modified as needed.

Under the no-widening alternative, Year 2018 traffic volumes in Section 100 will experience a moderate growth over existing conditions. On US 202, traffic will generally increase 30 percent over existing traffic volumes. Volumes on the parallel roads will double. The TSM alternative will increase traffic volumes on US 202 about three percent over the no-widening volumes. It will offer slight relief to the parallel roads, generally less than three percent. Widening US 202 to six lanes will increase traffic approximately 13 percent over the no-widening alternative. The widening offers more relief to the parallel roads - about 25 percent; in terms of absolute traffic volumes the difference is minor. The last alternative, widening US 202 and constructing interchanges results in about a five percent increase in traffic on US 202 in the vicinity of the interchanges as compared to the widening alternative; smaller increases are projected further away from the interchanges. At the interchanges, traffic on US 1 and on Street Road will increase four and ten percent respectively as compared to the widening alternative.

I. INTRODUCTION

This report focuses on the 7.5 mile section of the US 202 corridor between the Delaware State Line and Matlack Street in West Goshen, Chester County. This facility is commonly known as Section 100. The Pennsylvania Department of Transportation (PennDOT) has divided US 202 into eight separate sections for planning and design purposes (Figure 1). Issues of traffic congestion and development growth along this corridor have been documented in numerous recent studies. PennDOT has recognized the seriousness of this situation and has committed funds for the preparation of an Environmental Impact Statement (EIS) to be conducted for improving this section of US 202.

As part of the EIS for US 202 Section 100, PennDOT has requested that the Delaware Valley Regional Planning Commission (DVRPC) prepare traffic forecasts for four alternative improvement scenarios. These forecasts represent the daily traffic volumes expected on US 202 and a network of surrounding streets in the years 1998 and 2018.

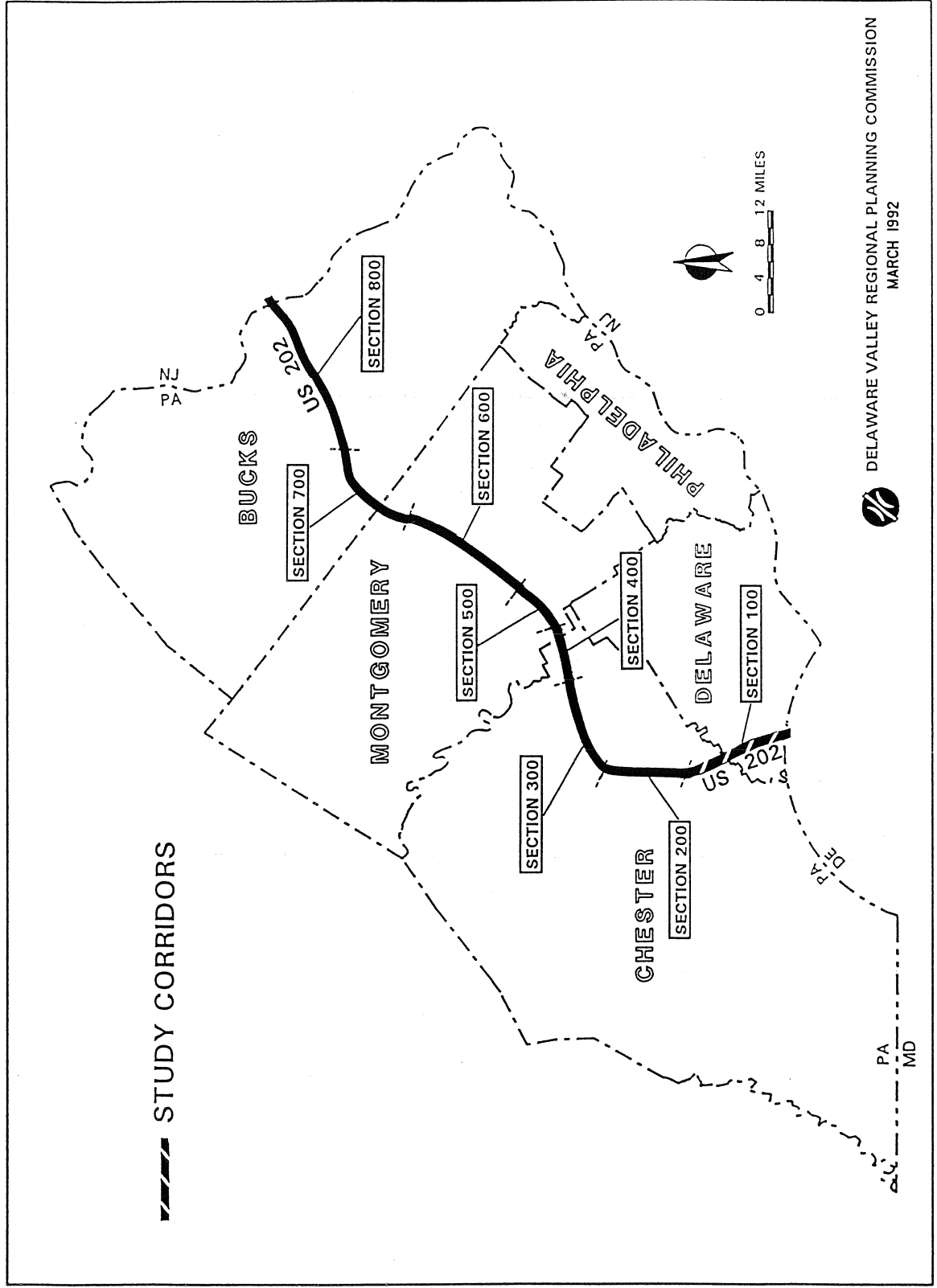
The next section of this report documents the existing physical characteristics of the US 202 corridor through Section 100 as well as the physical characteristics and identification of the surrounding roadway network. Existing traffic volumes on US 202 and the network are included in this section of the report. The results of speed and delay studies which were conducted through the US 202 corridor during the peak hours are also presented in this section.

The four alternative improvement scenarios are set forth in the following section. These scenarios include: a no-widening alternative, a TSM alternative, a six-lane widening alternative and an alternative that proposes to widen US 202 to six lanes with interchanges at US 1 and at PA 926.

The following section documents the travel forecasting methodology with a discussion of the focused traffic simulation model used to develop the traffic projections. Input data such as the demographics of the study area and future development proposals which are essential factors for the simulation process are also presented.

The final section of the report presents the results of the travel forecasting procedure. These results document the projected daily traffic volumes for US 202 and the surrounding network for the various improvement scenarios.

Figure 1: US 202 LOCATION MAP



II. DESCRIPTION OF THE US 202 CORRIDOR

In this section a description of the existing physical characteristics of the US 202 corridor and the surrounding network will be presented. Along with this description, existing daily traffic counts will be presented.

1. Existing Highway Facilities and Land Uses

The study area for Section 100 includes the following ten municipalities - in Chester County: Birmingham Township, East Bradford Township, Thornbury Township, West Chester Borough, West Goshen Township and Westtown Township; in Delaware County: Bethel Township, Birmingham Township, Concord Township and Thornbury Township. The corridor under study begins at the Delaware State Line and terminates at the intersection with Matlack Street in West Goshen Township (Figure 2).

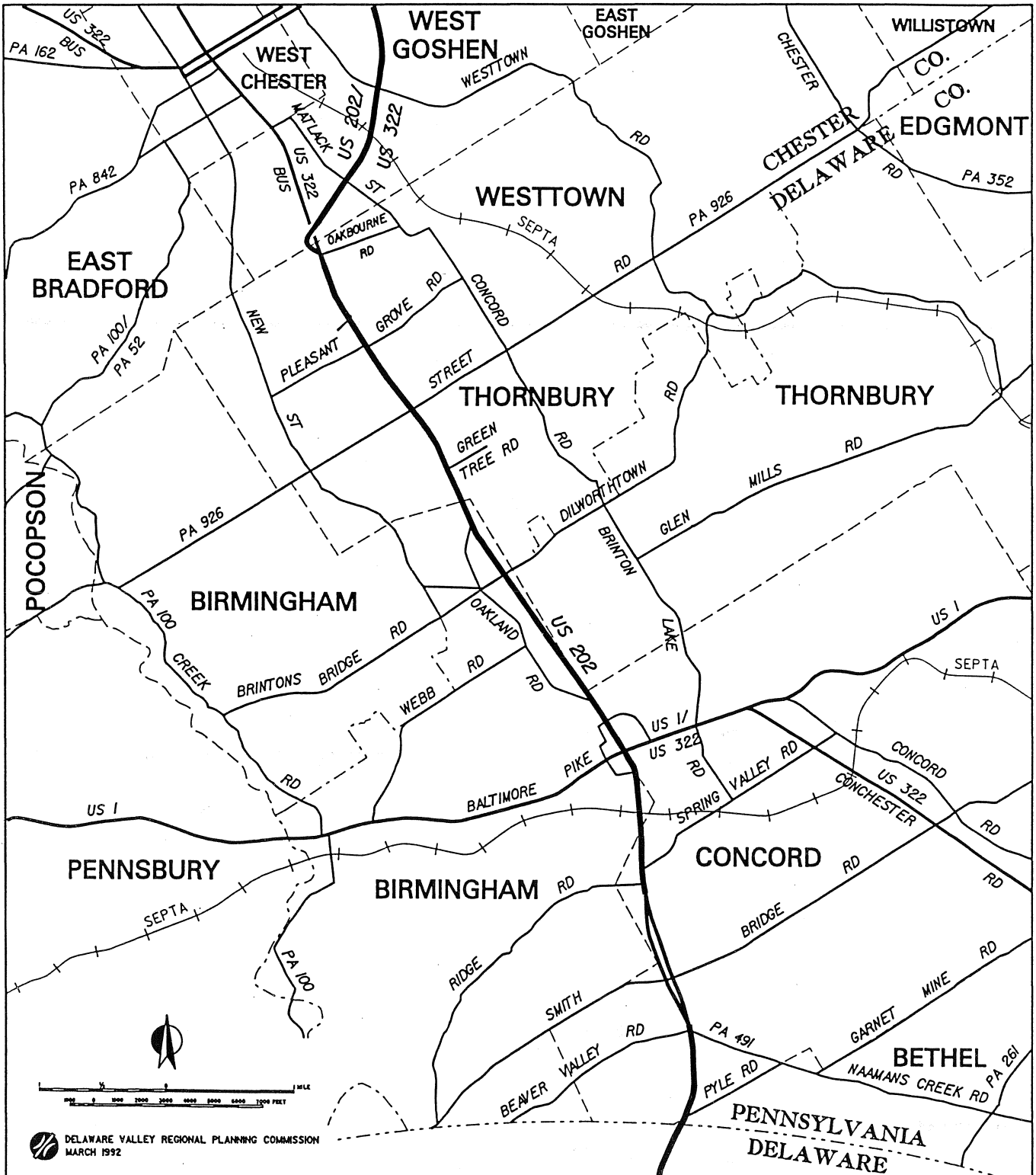
All of the municipalities listed above have experienced noticeable development in the last decade and are expected to continue growing in varying degrees into the next century, causing an increase in traffic volumes and congestion throughout the US 202 corridor.

Within Section 100, US 202 is a principal arterial highway traveling in a north-south direction through the study area. Regionally, it intersects I-95 in Wilmington, Delaware, the Schuylkill Expressway/PA Turnpike in King of Prussia and PA 611 Bypass in Doylestown. For most of the 7.5 mile distance through the study area, US 202 is a four-lane divided highway. In the southernmost section, the highway is divided by a 15 foot grass median. From Naamans Creek Road to Ridge Road, the facility operates as a one way couplet. A five-lane cross section exists between Ridge Road and US 1 with two travel lanes in each direction and a center left turn lane. North of US 1 to the West Chester Bypass the median is the box beam guide rail type.

South of the Delaware State line, US 202 has recently been widened to three lanes in each direction. In an effort to coordinate this project with the State of Delaware, DVRPC contacted New Castle County and obtained their forecasts of cordon line traffic which was reviewed and incorporated into the analysis.

Traffic control along US 202 is via signalized and unsignalized at-grade intersections. There are

Figure 2: STUDY AREA MAP



currently 11 signalized intersections along US 202 in the study area. There are also a number of three-legged and four-legged unsignalized intersections; some which allow right turns in and right turns out only and others which allow left turns and cross traffic. In addition to the intersections, there are also numerous driveways which provide access to the adjacent properties. Commercial and residential properties dominate the adjacent land use types.

The grade of US 202 is gently rolling and the posted speed limit is 45 miles per hour. A typical cross section of the road contains two twelve foot lanes in each direction and a six foot outside shoulder in each direction.

For purposes of this study, it is necessary to include a network of roads surrounding US 202 to accurately project future traffic volumes. In addition to US 202, segments of the following roads are included in the network:

Parallel Roads

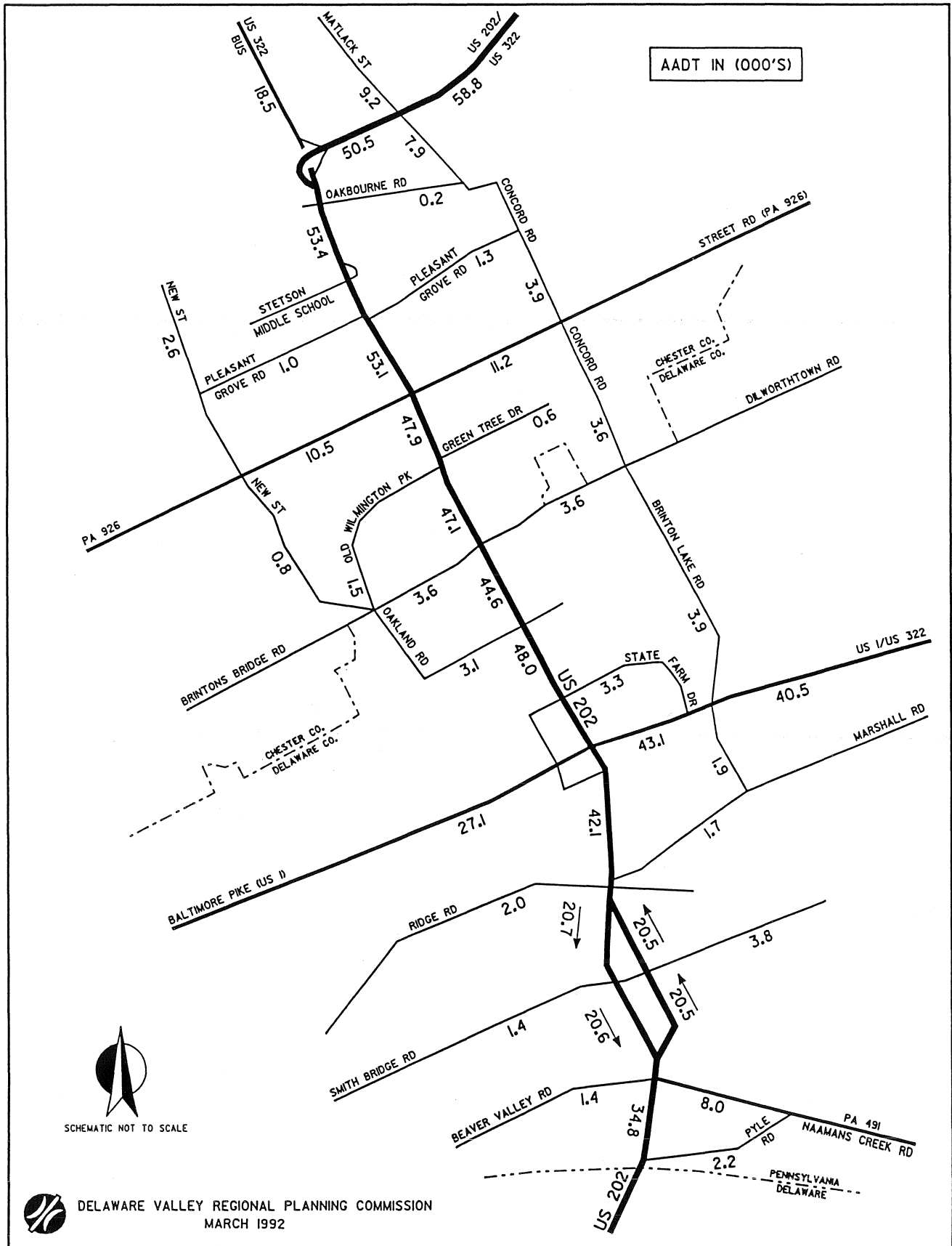
Conchester Highway
Brinton Lake Road
Oakland Road
New Street
High Street
Concord Road
Old Wilmington Pike

Perpendicular Roads

Pyle Road
Naamans Creek Road
Smithbridge Road
Ridge Road
Marshall Road
Baltimore Pike
Dilworthtown Road
Street Road
Pleasant Grove Road
Matlack Street

The highway network in the study area contains roads that are parallel to US 202 as well as perpendicular roads that serve as access routes to US 202. The majority of roads in the network can be described as rural, narrow (9-10 foot lanes), one lane by direction and having no shoulders. Horizontal and vertical sight distance problems are common. The two exceptions to these characteristics are US 1 and US 322. The former is a four-lane divided principal arterial with shoulders and the latter is a two-lane undivided principal arterial with shoulders. The majority of the roads in the network are state owned and maintained.

Figure 3: CURRENT TRAFFIC COUNTS



2. Existing Traffic Volumes

The DVRPC staff collected and analyzed existing traffic counts on US 202 and the surrounding highway network during the summer and fall of 1991. Over 50 locations were counted during this process and the resulting average daily traffic volumes are displayed on Figure 3 and can be found in Appendix A.

The existing volumes on US 202 in the study area range from a low of 34,800 vehicles per day between Pyle Road and Naamans Creek Road to a high of 53,400 vehicles per day between the Stetson Middle School and the West Chester Bypass. The volumes on US 202 are generally higher in the northern section of the corridor. The most heavily traveled crossroad in the study area is US 1 with over 43,000 vehicles a day using the segment east of US 202 and over 27,000 vehicles per day west of US 202. Traffic volumes on the other major crossroad in the corridor, Street Road (PA 926), are approximately 11,000 vehicles per day. Those roads in the study area which run parallel to US 202 carry significantly lower amounts of traffic. New Street, which is west of US 202, carries 2,600 vehicles per day north of Street Road and less than 1,000 vehicles per day south of Street Road. East of US 202, Brinton Lake Road/Concord Road carries almost 4,000 vehicles per day. High Street (US 322 Business), which is basically an extension of US 202 into West Chester Borough, carries approximately 18,500 vehicles per day.

Manual turning movement counts were collected at nine intersections also during the summer and fall of 1991. Five signalized and four unsignalized intersections were counted and the results are presented in Appendix B. The signalized intersections were counted between 7-9 AM and 4-6 PM. Twelve-hour manual turning movement counts were conducted at the unsignalized intersections (Pyle Road, Marshall Road, Old Wilmington Pike and Pleasant Grove Road) for signal warrant analysis.

3. Speed and Delay Study

A speed and delay study was conducted on Section 100 in October 1991. The study was conducted at the request of PennDOT's consultant, Urban Engineers, which needs the information to evaluate traffic signal coordination.

The data was collected using the floating car technique where the driver floats with the traffic by passing an equal number of vehicles as pass the driver's car. When delays were encountered, (when

traffic conditions forced the test vehicle to slow) field personnel measured the length and duration of the delay. The approximate location and cause of delay was noted. Four travel runs were conducted during each peak period.

Results of the speed and delay study are presented on Tables 1 and 2 for the northbound and southbound directions, respectively. In the tables, the first column shows the approximate location of the delay, the other columns indicate the length and duration of the delay. The last column specifies the cause of the delay.

In most instances, the delays were associated with traffic signals. Another chronic cause of delay was the West Chester Bypass ramps. Among the intersections, the longest delays occurred in the vicinity of Painters Crossroads. In both directions, delays at US 1 and State Farm Drive frequently overlap; they occasionally extended to Oakland Road, especially in the PM peak. The next most common delay occurred at Street Road, however delays at this intersection did not last as long as at other intersections.

**Table 1: SPEED AND DELAY SURVEY RESULTS
NORTHBOUND PEAK PERIOD RUNS**

AM PEAK PERIOD RUNS (7:00-9:00 AM)

Run #	Location*	Delay Length (Miles)	Delay Length (Seconds)	Delay Speed (MPH)	Delay Cause**
1	Naamans Creek Rd	0.25	30	30	S
	Naamans Creek Rd	0.20	24	30	S
	Springhill Rd	0.20	28	26	S
	Concord CC	0.25	51	18	S
	Dilworthtown Rd	0.35	43	29	S
	Greentree Rd	0.30	31	35	S
	Street Rd	0.40	63	23	S
	Stetson Middle School	0.25	23	39	S,C
	Matlack St	0.35	60	21	S
3	Naamans Creek Rd	0.40	89	16	S
	Smith Bridge Rd	0.30	43	25	S
	Painters Crossroads	0.85	225	14	2S
	Concord CC	1.20	89	49	S,T
	Dilworthtown Rd	0.50	102	18	S
	Greentree Rd	0.25	39	23	S
	Stetson Middle School	0.40	34	42	S
	Matlack St	0.30	29	37	S
5	Painters Crossroads	0.45	145	11	2S
	Concord CC	0.30	31	35	S
	Dilworthtown Rd	0.50	52	35	S
	Street Rd	0.30	82	13	S
	Stetson Middle School	0.35	39	32	S
	Matlack St	0.35	52	24	S
7	Naamans Creek Rd	0.40	49	29	S
	Smith Bridge Rd	0.20	23	31	S
	Painters Cross/Concord CC	0.75	132	20	S
	Street Rd	0.45	64	25	S
	Stetson Middle School	0.60	84	26	S
	Ramp/Matlack St	1.15	134	31	S,R

PM PEAK PERIOD RUNS (4:00-6:00 PM)

Run #	Location*	Delay Length (Miles)	Delay Length (Seconds)	Delay Speed (MPH)	Delay Cause**
1	Naamans Creek Rd	0.35	27	47	S
	Smith Bridge Rd	0.20	22	33	S
	Springhill Rd	0.50	78	23	S
	Painters Crossroads	0.35	109	12	S
	Street Rd	0.40	69	21	S
	Stetson Middle School	0.35	29	43	S
	Bypass Ramp	0.40	37	39	C
	Matlack St	0.30	89	12	S
3	Naamans Cr/Smith Bridge	0.75	106	25	S
	Springhill Rd	0.30	29	37	S,C
	Painters/St Farm/Concord	1.00	201	18	P
	Dilworthtown Rd	0.45	72	23	S
	Street Rd	0.35	58	22	S
	Stetson Middle School	0.75	90	30	S,C
	Matlack St	0.20	14	51	S
5	Naamans Creek Rd	0.50	128	14	2S
	Smith Bridge Rd	0.20	25	33	S
	Springhill Rd	0.35	38	33	S
	Painters Crossroads/St Farm	0.80	135	21	S,C
	After Concord CC	0.20	18	40	C
	Dilworthtown Rd	0.45	76	21	S
	Street Rd	0.40	56	26	S
	Bypass Ramp	0.70	59	43	C
7	Naamans Cr/Smith Bridge	1.00	215	17	S
	Painters Crossroads	0.40	103	14	S
	Concord CC	0.40	49	29	S
	Dilworthtown Rd	0.40	69	21	S
	Stetson Middle Sch/Ramp	0.95	113	30	S
	Matlack St	0.20	80	9	S

* Approximate location of delay
 ** S = Signal
 2S = Signal, Two Cycles
 C = Congestion
 R = Ramp Congestion
 P = Police
 T = Slow Truck
 M = Congestion Due to Merging Traffic

**Table 2: SPEED AND DELAY SURVEY RESULTS
SOUTHBOUND PEAK PERIOD RUNS**

AM PEAK PERIOD RUNS (7:00-9:00 AM)

Run #	Location*	Delay Length (Miles)	Delay Length (Seconds)	Delay Speed (MPH)	Delay Cause**
2	Street Rd	0.45	49	33	S
	Dilworthtown Rd	0.55	63	31	S,T
	Concord/St Farm/Painters	1.05	113	33	S
	Springhill Rd	0.40	43	33	S
	Smith Bridge Rd	0.45	98	17	S
	Naamans Creek Rd	0.35	59	21	S
4	Approaching Matlack St	0.70	75	34	S,M,R
	Stetson Middle School	0.30	35	31	S
	Street Rd	0.35	40	32	S
	Dilworthtown Rd	0.35	46	27	S
	St Farm/Painters Cross	0.65	93	25	S
	Springhill Rd	0.40	34	42	S
	Smith Bridge Rd	0.45	38	43	S
	Naamans Creek Rd	0.35	58	22	S
6	Bypass Ramp	0.80	100	29	M
	Stetson Middle School	0.35	56	23	S
	Street Rd	0.45	69	23	S
	Dilworthtown Rd	0.40	39	37	S
	Concord CC/Painters Cross	0.95	143	24	S
	Springhill Rd	0.25	28	32	S
8	Bypass Ramp	0.75	71	38	M
	Stetson Middle School	0.30	26	42	S
	Street Rd	0.25	70	13	S
	Painters Crossrds	0.45	55	29	S
	Smith Bridge Rd	0.40	46	31	S

PM PEAK PERIOD RUNS (4:00-6:00 PM)

Run #	Location*	Delay Length (Miles)	Delay Length (Seconds)	Delay Speed (MPH)	Delay Cause**
2	Bypass Ramp	0.75	102	26	C
	Stetson Middle School	0.55	54	37	S
	Street Rd	0.50	46	39	S
	Greentree Rd	0.55	68	29	S,T
	Dilworthtown Rd	0.50	60	30	S
	Concord CC	0.20	14	51	S
	Painters Crossrds	0.40	113	13	S
	Naamans Creek Rd	0.45	58	28	S
4	Stetson Middle School	0.25	72	13	S
	Dilworthtown Rd	0.45	38	43	S
	State Farm Dr	0.15	19	28	S
	Painters Crossrds	0.30	97	11	S
	Smith Bridge/Naamans Cr	0.55	59	34	S
6	Matlack St/Ramp	0.85	89	34	C
	Street Rd	0.40	108	13	2S
	Concord/St Farm/Painters	0.95	96	36	S,C
	Springhill Rd	0.40	49	29	S
	Naamans Creek Rd	0.50	77	23	S
8	Ramp/Stetson Middle Sch	1.35	141	34	S,C
	Street Rd	0.30	69	16	S
	Dilworthtown Rd	0.20	31	23	S
	St Farm/Painters Cross	0.60	168	13	S
	Springhill Rd	0.40	59	24	S

* Approximate location of delay

** S = Signal
 2S = Signal, Two Cycles
 C = Congestion
 R = Ramp Congestion

P = Police
 T = Slow Truck
 M = Congestion Due to Merging Traffic

III. ALTERNATIVES

A description of the four alternative scenarios which were analyzed for Section 100 is presented in this section and are displayed graphically on Figure 4. In addition to the improvements for the US 202 corridor, assumptions were made concerning the implementation of various planned improvements to other regional facilities. Table 3 lists those facility improvements assumed to be completed and included in the Year 2018 network of the travel simulation model.

The four improvement alternatives tested for Section 100 are:

1. *No-Widening Alternative*

In this alternative, no specific corridor-wide improvements are to be made to US 202. Spot improvements at isolated locations such as improvement projects currently programmed on PennDOT's Twelve Year Program or listed on DVRPC's 1992-1997 Transportation Improvement Program (TIP) are included in this alternative. The highway network for this alternative included such facilities as the Exton Bypass and a four-lane US 322 but did not assume any new highway facilities associated with development of the Church Farm property.

2. *TSM Alternative*

Transportation systems management (TSM) improvements represent small scale isolated improvements to increase capacity and improve traffic flow. These improvements do not require major widening, relocation or new alignments. Discussions between PennDOT, the EIS consultant and DVRPC resulted in using the recommendations from the US 202 Traffic Study, completed by DVRPC in 1988 as the basis for the TSM improvements. Typical improvements call for adding turn lanes on the intersecting roads.

3. *Widening to Six Lanes*

The widening of US 202 to six lanes is simulated in this alternative. The six lane cross section consists of three travel lanes in each direction. This alternative also assumes all roads intersect US 202 at-grade. Uncontrolled median openings would be closed throughout the corridor.

4. *Widening to Six Lanes with Interchanges at US 1 and Street Road*

This alternative also simulates the widening of US 202 to six lanes. The cross section configuration is unchanged from the previous alternative. What does change, however, is the construction of two grade separated interchanges: at US 202/US 1 and at US 202/Street Road.

Figure 4: HIGHWAY IMPROVEMENT ALTERNATIVES

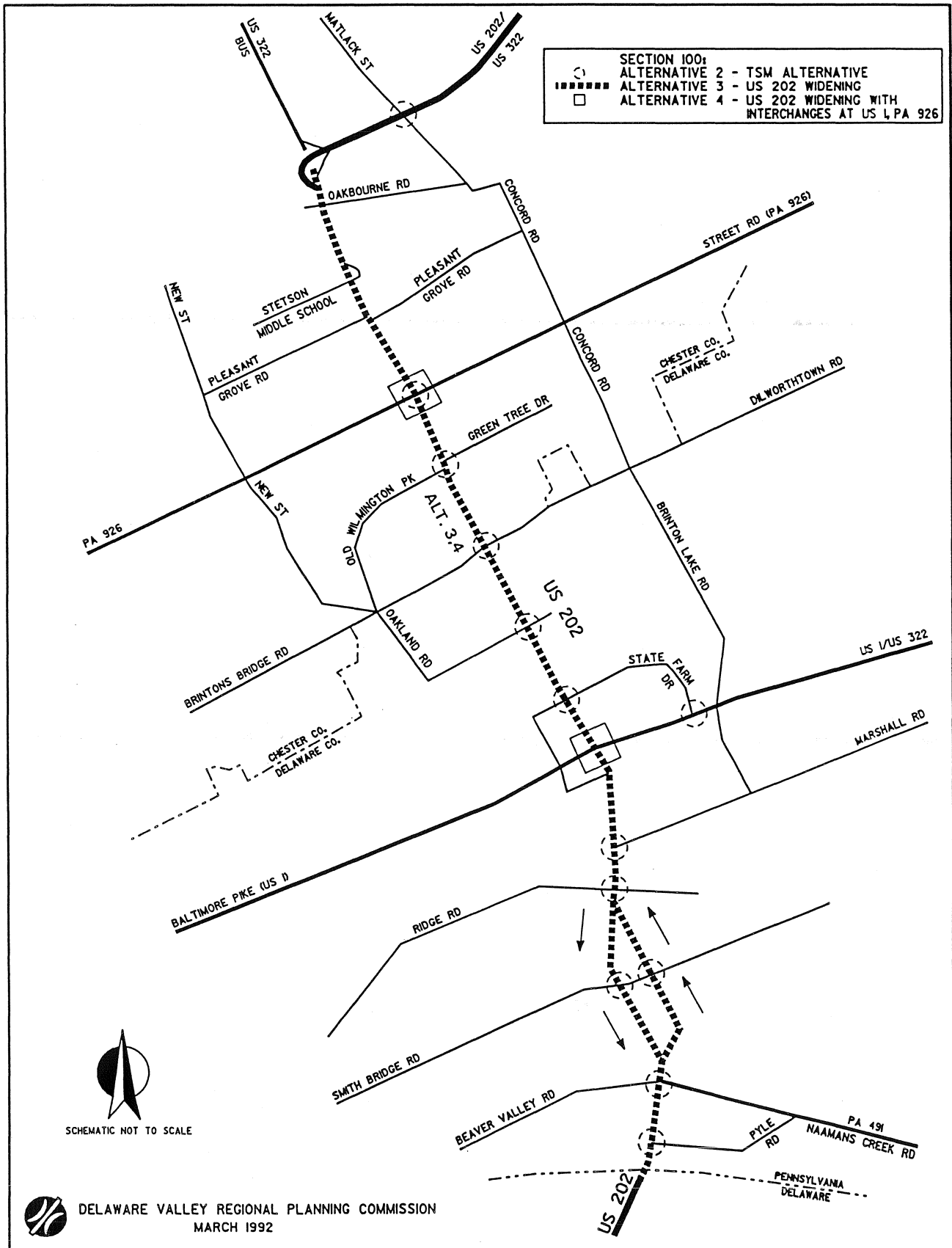


TABLE 3: FACILITIES INCLUDED IN THE US 202 TRAFFIC ANALYSIS STUDY ALTERNATIVE TRANSPORTATION NETWORKS

Facility Improvement	No-Widening	TSM	Widening	Widening/ Interchanges
<u>REGIONAL HIGHWAY IMPROVEMENTS</u>				
US 202 from I-76 to Paoli Interchange (widen to 6 lanes)	x	x	x	x
US 202 from Paoli Interchange to Exton Bypass (widen to 6 lanes)	x	x	x	x
Exton Bypass	x	x	x	x
<u>PROGRAMMED IMPROVEMENTS IN STUDY AREA</u>				
US 322 from US 1 to PA 452 (four lanes)	x	x	x	x
US 202 at Street Road	x	x	x	
Concord Road from US 1 to PA 261 (restoration)	x	x	x	x
US 1 at Darlington Road (left turn lane)	x	x	x	x
PA 261 at Concord Road (realignment, turn lanes)	x	x	x	x
<u>DEVELOPER FUNDED IMPROVEMENTS</u>				
New connector road between Green Tree Drive jug handle and Street Road	x	x	x	x
New driveway accessing the Stenson Middle School jug handle	x	x	x	x
<u>TRANSPORTATION SYSTEMS MANAGEMENT</u>				
At Pyle Road (turn lanes)		x		
At Naamans Creek Rd (turn lanes on cross streets)		x		
At Smithbridge Rd (turn lanes)		x		
At Ridge Pike (turn lane on cross street)		x		
At Marshall Road (turn lane on cross street)		x		
At State Farm Drive (turn lane on cross street)		x		
US 1 at State Farm Drive (turn lanes on cross street)		x		
At Oakland Rd (turn lanes)		x		
At Dilworthtown Road (left turn lanes on cross street)		x		
At Old Wilmington Pike (left turn lanes on cross street)		x		
At Street Road (add through lanes on PA 926)		x		
At Matlack Street (left turn lanes on cross street)		x		

IV. TRAVEL FORECASTING PROCEDURES

The process used to generate Year 2015 travel forecasts for the US 202 Corridor alternatives is a straightforward application of DVRPC's focused travel simulation process. This process is graphically shown on Figure 5.

1. Socio-Economic Projections

Travel forecasting models require that the estimates of demographic and employment data be made for small areas or zones. This requires estimates for each of the following variables:

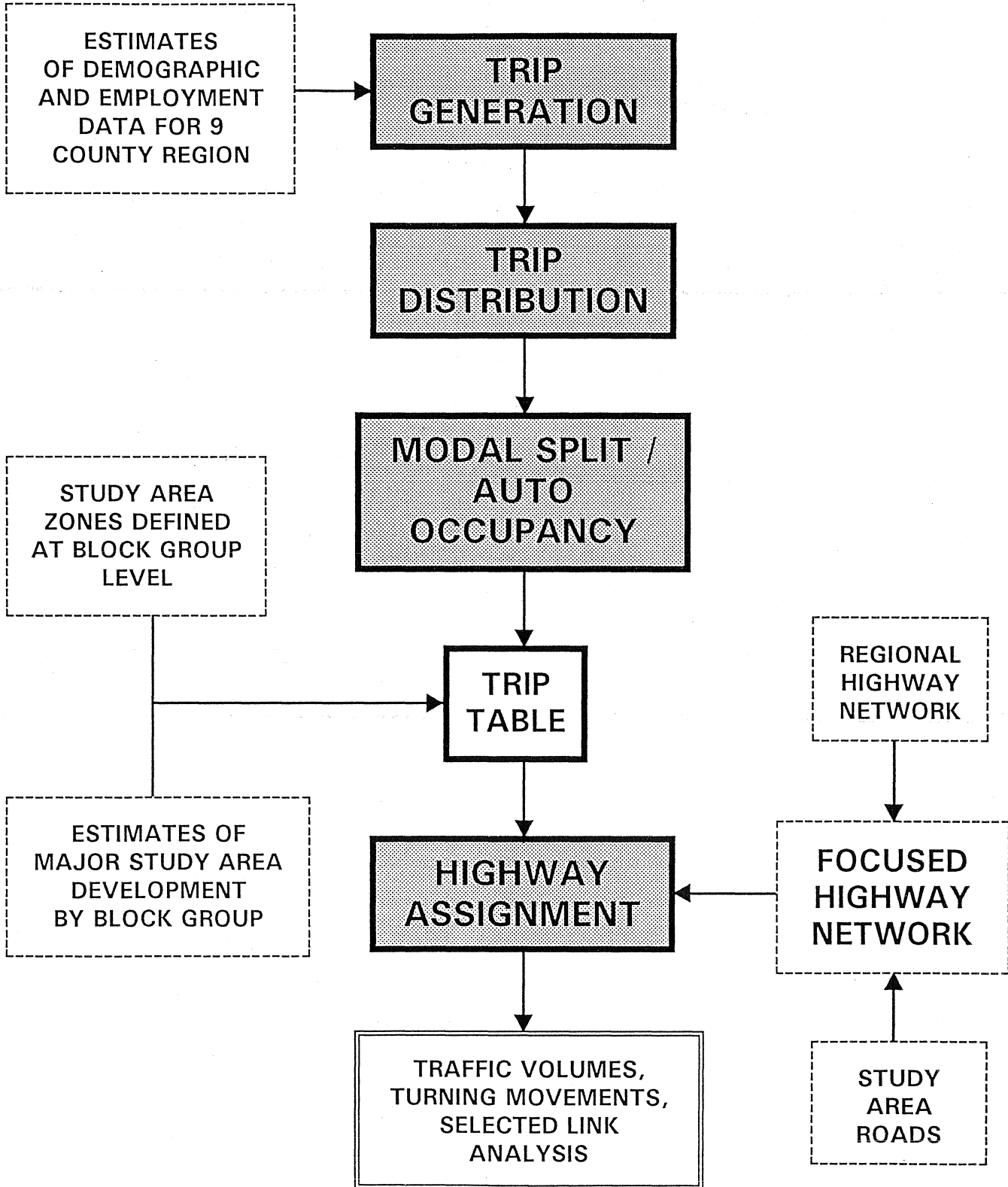
- population;
- households, stratified by auto ownership;
- employed residents;
- total automobiles; and
- employment, stratified into twelve Standard Industrial Classification groups.

This requirement derives from the need to assign trip making associated with households and businesses to the streets and transit facilities serving them. For regional travel simulations, the traffic zone system is based on census tracts within the nine-county region. The census tracts defined for Center City Philadelphia and one suburban county, however, do not provide sufficient detail for the "grain" of the network, so block groups, the next smaller level of detail, are used to define the traffic zones in these areas. This results in 1,335 traffic zones for the entire DVRPC region, which encompasses an area of 3,833 square miles.

As part of previous projects completed by DVRPC, staff has prepared Year 2015 zonal forecasts of the socio-demographic inputs to the travel simulation process. These 2015 projections form the basis for the US 202 corridor travel projections included in this report.

In these forecasts, regional population is expected to grow 12 percent in the 25 years between 1990 and 2015. The population of Chester County is expected to increase by 13 percent. In neighboring Delaware County, the population is expected to increase by only three percent. The forecasts for

Figure 5: FOCUSED TRAFFIC SIMULATION PROCESS



population and employment are displayed for each of the municipalities in the study area in Tables 4 and 5. In these 2018 forecasts, population in the study area is expected to grow at a much higher rate than the regional or individual county rates (31%). The four Delaware County municipalities should experience a growth of 55 percent and in the six Chester County municipalities, population growth is projected to be about 23 percent. The largest increase is expected to occur in Concord Township; an increase of 6,585 people representing a growth of 95 percent.

Employment across the region is expected to increase slightly faster than population, reflecting a continuation of the current trend toward two-earner households. The regional increase is expected to be approximately 15 percent. Employment growth for Chester and Delaware counties is also projected to increase at a slightly higher rate than their respective population growth rates. However employment in the study area is expected to increase at a lower rate than population. Approximately 7,200 new jobs are expected to be created in the study area by 2018, representing an increase of 18 percent. Over 6,100 new jobs are expected to be created in the Chester County portion of the study area by 2018. This represents an increase of over 19 percent. Employment growth in the four Delaware County municipalities is projected to be lighter with only 1,048 (a 12.9% increase) new jobs created. An increase of over 3,100 jobs in West Goshen Township is the highest of any municipality in the study area.

Since household size has steadily declined over recent decades, (a trend driven by diverse factors such as an increase in single-parent households and a longer-living population who maintain independent households after their children leave home), the number of households increases faster than the population. Average household size in 2015 is estimated to be 2.8 in Delaware County and 2.9 in Chester County. Generally, urban areas and those with mature development have smaller households than high growth corridors such as US 202.

The number of automobiles within the region is anticipated to grow by about 25 percent by the Year 2015, more than twice the rate of population growth. Because of this, the percentage of households without a car is projected to decline as will the percentage of one-car households. Two-car and three-plus car households will increase significantly in both absolute and percentage terms, especially in affluent, auto dependent areas.

Table 4: POPULATION GROWTH IN THE US 202 STUDY AREA

Municipality	1980	1990	2018	1990-2018 Growth	
	US Census	US Census	DVRPC Forecast	Absolute	Percent
CHESTER COUNTY					
Birmingham Township	1,584	2,636	3,924	1,288	48.9%
East Bradford Township	3,219	6,440	8,970	2,530	39.3%
Thornbury Township	1,323	1,131	1,826	695	61.5%
West Chester Borough	17,435	18,041	20,508	2,467	13.7%
West Goshen Township	16,164	18,082	21,424	3,342	18.5%
Westtown Township	6,774	9,937	12,599	2,662	26.8%
TOTAL	46,499	56,267	69,251	12,984	23.1%
DELAWARE COUNTY					
Bethel Township	2,438	3,330	5,281	1,951	58.6%
Birmingham Township	2,057	3,118	4,075	957	30.7%
Concord Township	6,437	6,933	13,517	6,584	95.0%
Thornbury Township	3,653	5,056	5,751	695	13.7%
TOTAL	14,585	18,437	28,624	10,187	55.3%
STUDY AREA TOTAL	61,084	74,704	97,875	23,171	31.0%

Table 5: EMPLOYMENT GROWTH IN THE US 202 STUDY AREA

Municipality	1988	1990	2018	1990-2018 Growth	
	DVRPC estimate	DVRPC estimate	DVRPC Forecast	Absolute	Percent
CHESTER COUNTY					
Birmingham Township	1,115	1,190	1,566	376	31.6%
East Bradford Township	1,401	1,470	1,950	480	32.7%
Thornbury Township	163	170	226	56	32.9%
West Chester Borough	13,089	13,420	14,970	1,550	11.5%
West Goshen Township	13,247	13,940	17,043	3,103	22.3%
Westtown Township	1,350	1,430	2,015	585	40.9%
TOTAL	30,365	31,620	37,770	6,150	19.4%
DELAWARE COUNTY					
Bethel Township	158	160	174	14	8.8%
Birmingham Township	1,282	1,290	1,402	112	8.7%
Concord Township	4,513	4,900	5,600	700	14.3%
Thornbury Township	1,747	1,760	1,982	222	12.6%
TOTAL	7,700	8,110	9,158	1,048	12.9%
STUDY AREA TOTAL	38,065	39,730	46,928	7,198	18.1%

2. Regional Traffic Simulation Model

Basically, this focused simulation process involves focusing and enhancing the output of DVRPC's regional travel forecasting models within the detailed study area, while maintaining the regional level of detail elsewhere. The regional forecasting process consists of applying the following models in sequence:

Trip Generation

Both internal trips (those made within the region) and external trips (those which cross the boundary of the region) must be considered to simulate regional travel. Internal trip generation is based on 2015 zonal forecasts of population and employment, whereas external trips are extrapolated from cordon line traffic counts. The latter also include trips which pass through the Delaware Valley Region. Estimates of internal trip productions and attractions by zone are established on the basis of trip rates applied to the zonal estimates of demographic and employment data.

In total, about 18 million person-trips are projected to be made within the Delaware Valley Region on an average weekday in the Year 2015. Of these, 4.4 million will be home based work trips. Total trip making is projected to increase by almost 12 percent over the 25-year period between 1990 and 2015.

In the summer of 1988, DVRPC conducted a complete review of cordon stations around the nine-county region. Altogether, 114 cordon stations were identified as significant regional entry/exit points. A composite growth factor was prepared for each external station, based on anticipated growth in travel across the cordon line. This factor was prepared by establishing growth trends for each station based on 1970, 1975, 1980, 1985, and 1990 traffic counts. The trends implicit in these counts were then extrapolated to the year 2015. Total cordon traffic is expected to grow to more than 1.6 million daily trips, which is 60 percent higher than that measured in 1990. Cordon traffic represents the fastest growing component in the simulation model.

Trip Distribution

Trip distribution is the process whereby the zonal trip ends established in the trip generation analysis are linked together to form origin and destination patterns in the trip table format. For the simulation of Year 2015 travel demands, a series of seven gravity-type distribution models were

applied at the zonal level. These models follow the trip purpose and vehicle type stratifications established in trip generation. Overall, average trip times are projected to increase slightly as a result of disproportionate increases in travel in the suburban and rural parts of the region.

Modal Split

The modal split model calculates the fraction of each person-trip interchange in the trip table which should be allocated to transit, and then assigns the residual to the highway network. The choice between highway and transit usage is made on the basis of comparative cost, travel time, and frequency of service, with other aspects of modal choice being used to modify this basic relationship. In general, the better the transit service, the higher the fraction assigned to transit, although trip purpose and auto ownership also affect the allocation. The model subdivides highway trips into auto drivers and passengers. Auto driver trips are added to the truck, taxi, and external vehicle trips in preparation for assignment to the highway network.

Overall, the model projects transit's share of regional trips will decline slightly from 5.6 percent in 1990 to 5.1 percent by the Year 2015, primarily as a result of projected growth in residential and commercial activity in suburban and rural areas unserved by transit. Actual transit ridership is projected to increase by 1.3 percent to slightly more than 900,000 trips on an average weekday.

The average automobile moving on the region's highways is projected to carry 1.43 persons. Residents are most likely to drive alone when traveling to or from work, averaging an occupancy of only 1.14, and least likely when traveling between home and non-work destinations, when the occupancy is 1.68.

Total automobile trips internal to the region are expected to increase 12 percent to approximately 12 million trips per weekday. Currently, commutation accounts for 27.3 percent of weekday automobile trips. This fraction may increase slightly as the number of non-workers per household declines, pushing non-work trips to weekends. All trip categories are expected to increase, but the larger increases will be found in the home based work and non-home based categories. Including all vehicle types and trip categories -- truck, taxi, external-local, and trips made through the region as well as internal automobile trips -- the 2015 highway loading matrix contained some 15,819,000 daily vehicle trips before surcharging with travel from additional proposed corridor developments identified as part of this study.

3. Focused Highway Assignment Process

The final step in the travel forecasting process is the highway assignment, which associates highway trip making with specific roadways. The focused highway simulation process involves adding missing streets to the regional network representing the revised Year 2000 Plan for Highways. In addition, simulation zones inside the study area are subdivided so that traffic from existing and proposed developments may be loaded onto the network. This process results in a traffic assignment model capable of estimating accurate traffic volumes for most streets and intersections within the study area. In addition, this focused network explicitly includes the impact of all highway facilities outside of the detailed study area on the projected volumes. These facilities include the improvements in the Year 2000 Transportation Plan such as the construction of the Exton Bypass, the I-95/Pennsylvania Turnpike Interchange and so forth, as well as all existing expressways, major arterials, and minor arterials within the region.

The first step in the preparation of this focused assignment process was to review the streets and intersections included in the model's highway network for the study area to determine if any additional roads were required. In cases where the network detail was inadequate, roads were added in order to properly assign trips from the zones to the network so that accurate traffic volumes could be projected.

4. Year 2018 Trip Table Preparation

For this study, two steps were required to produce the focused Year 2018 trip table from the regional output of the modal split/auto occupancy model. They were:

- Within the US 202 corridor, split the census tract based traffic zones into block groups as needed to accurately load US 202 and the supporting arterial system included in the focused system.
- Surcharge the Year 2015 highway trip table to reflect the additional industrial, commercial, and residential development in the corridor not included in the Year 2015 socio-economic forecast. This surcharged matrix is assumed to be representative of Year 2018 travel patterns.

The resulting travel matrix includes all travel patterns throughout the region. For instance, external-

local trips from the US 202 cordon station on the Delaware State Line to King of Prussia are included, as is travel to and from all parts of Bucks, Chester, Delaware, and Montgomery counties, Philadelphia and New Jersey via the Delaware River bridges.

Inside the US 202 corridor, block group-level traffic loading zones were developed by subdividing census tracts. This trip table disaggregation was accomplished by examining aerial photographs of the study area to determine the existing and likely distributions of development and open space therein. From this, an estimate of the percentage of travel to be allocated to each split zone portion of the census tract was made. This method was used to generate allocation factors for each split zone within the tract. These factors, which sum to 1 for any census tract, were then used to disaggregate the trip table into its component parts.

Supplemental Development Surcharge

DVRPC staff met with the Chester County Planning Commission and the Delaware County Planning Department to obtain available information on proposed land use developments within the study area municipalities. A preliminary list of development activity for each municipality in the study area was compiled from previous work done by DVRPC and from input from the counties. The individual lists for each municipality were forwarded by DVRPC to the appropriate municipal officials to confirm the information and supplement it with any new or missing data. These lists contained the name, location, type and magnitude of the development proposals. Those proposals do not represent final approved plans. Market conditions, zoning changes and redesign may have an effect on the ultimate type and magnitude of development; however this list represents a realistic picture of potential future development activity at this point in time. The list of proposed development for the study area, with confirmations and additions made by the individual municipalities, can be found in Table 6.

An additional meeting was held with the Chester County Planning Commission to discuss several issues concerning some specific developments. Discussions centered on the Church Farm property in East and West Whiteland Townships and on the Robinson Tract in Thornbury Township. The magnitude of development in proposals for these two properties has recently fluctuated. Although the Church Farm property is not located within the study area, several factors indicate that the eventual development of this property will have a noticeable impact on the traffic levels on US 202. These factors include the magnitude of expected development, its close proximity to the study area and its location adjacent to US 202. Development levels for the Church Farm property are expected

Table 6: DAILY TRIP GENERATION FOR PLANNED MAJOR RESIDENTIAL AND COMMERCIAL DEVELOPMENTS IN THE US 202 STUDY AREA

<u>Development</u>	<u>Location</u>	<u>Residential Units/Type</u>	<u>Commercial Sq Ft/Type</u>	<u>Total Trip Ends</u>
<i>Birmingham Township (Chester County)</i>				
Knolls of Birmingham Fieldpoint	NW corner of Old Wilm Pk and Birmingham Rd W of Birmingham Rd and N of Brintons Bridge Rd	180/TH 51/SF		1,054 513
Birmingham Hunt Hamilton Place	NW corner of US 202 and Old Wilmington Pk E of Birmingham Rd and N of PA 926	189/TH 53/SF		1,107 533
TJEM	E of PA 100 and N of the county line	55/SF		553
TOTAL: Birmingham Township		528	0	3,760
<i>East Bradford Township</i>				
Kenmara Roundtop	Taylor Mill Rd, US 322 and Copeland School Rd 820 Scennelltown Rd	57/SF 60/TH		574 351
Southdown	S of PA 162 and W of Highland Rd	71/SF		714
Scennelltown Farm V	E of Shropshire Dr, W of PA 52/PA 100	61/TH		357
West Chester University	S New St and Tighe Rd	102/APT		673
Commercial & WC Golf Course ext	US 322 E of Tower Lane and W of Ashbridge St		160,000/Retail	9,429
TOTAL: East Bradford Township		351	160,000	12,098
<i>Thornbury Township (Chester County)</i>				
Robinson (Crebilly)	SW corner of US 202 and PA 926	85/SF	300,000/Commercial	18,199
Thornbury Commons Deer Point	SE corner of US 202 and PA 926 PA 926 and South Concord Rd	66/SF	250,000/Office 100,000/Office	1,140 664
TOTAL: Thornbury Township		151	650,000	20,003
<i>West Goshen Township</i>				
Hamilton Woods	Green Hill Rd between PA 100 and PA 29	55/SF		553

Table 6: DAILY TRIP GENERATION FOR PLANNED MAJOR RESIDENTIAL AND COMMERCIAL DEVELOPMENTS IN THE US 202 STUDY AREA (continued)

<u>Development</u>	<u>Location</u>	<u>Residential Units/Type</u>	<u>Commercial Sq Ft/Type</u>	<u>Total Trip Ends</u>
Green Hill Farms Alder Gate	Green Hill Rd between PA 100 and PA 29 W of Burke Rd and N of PA 100	41/SF 88/SF		413 885
TOTAL: West Goshen Township		184	0	1,851
<i>Westtown Township</i>				
Green Lane McCollie Tract	PA 352 and Manley Rd Opposite Stetson Middle School	95/SF,180/TH 550/TH		2,010 3,221
TOTAL: Westtown Township		825	0	5,231
<i>Bethel Township</i>				
Maher Tract Albany Tract Realon Homes	S Garnet Mine Rd and U Chichester Twp line Marsh Rd and Delaware State Line US 322 and Foulk Rd	26/SF,120/TH 87/SF 83/SF		964 875 835
TOTAL: Bethel Township		316	0	2,674
<i>Birmingham Township (Delaware County)</i>				
Faulkner Olds Concord VW Watkins Tract Wonderland Farms Ridings I and II Glen Eagle Square	SW corner of US 202 and Dilworthtown Rd E of US 202 and S of Ridge Rd E of US 202 between Oakland and Dilworthtown Rds SW corner of Oakland and Dilworthtown Rds W of US 202 along Ridge Rd E of US 202 at north end of divided highway		50,000/Auto Dealer 50,000/Auto Dealer 50,000/Office 43,936/Retail	2,376 2,376 815 463 664 2,589
TOTAL: Birmingham Township		112	193,936	9,283

Table 6: DAILY TRIP GENERATION FOR PLANNED MAJOR RESIDENTIAL AND COMMERCIAL DEVELOPMENTS IN THE US 202 STUDY AREA (continued)

<u>Development</u>	<u>Location</u>	<u>Residential Units/Type</u>	<u>Commercial Sq Ft/Type</u>	<u>Total Trip Ends</u>
<i>Concord Township</i>				
Groundwater Technology	E of US 202 and N of Pyle Rd		161,234/Office	1,839
Concord Crossing	E of US 202 and N of Pyle Rd	240/SF		2,415
Glen Eagle Square	E of US 202 at north end of divided highway		103,405/Retail	6,094
Concord Interplex	S of US 1/US 322 between US 322 and US 202		1,200,000/Office	13,685
State Farm expansion	NE corner of US 202 and US 1		220,000/Office	2,509
South Chester Corporation	N of US 1 between US 322 and Brinton Lake Rd		680,000/Office	7,755
Meadow Run	S of Spring Valley Rd at Temple Rd	49/SF		493
Fox Hill Farm	N of Smithbridge Rd and E of Sunset View Dr	163/SF, 330/TW		3,573
Dalusio	S of Spring Valley Rd and E of Temple Rd	96/Quads		562
Maple Lane Farm	S of Smithbridge Rd and W of Kirk Rd	69/SF		694
DeNenno/Lewis	S of Smithbridge Rd at Kirk Rd	96/SF		966
Dudley Farm	NE corner of Station Rd and Smithbridge Rd	45/SF		453
Gaster Tract	Concord Rd and Foulk Rd	225/MH		1,083
Gaster Property	Concord Rd and Cheyney Rd	50/MH		241
Concord Woods	E of Cheyney Rd and S of Mill Race Rd	95/TH		556
Ludwig Honold	N of US 1 and E of Brinton Lake Rd	70/SF		704
TOTAL: Concord Township		1,528	2,364,639	43,622
<i>Thornbury Township (Delaware County)</i>				
Thornbury Hunt	Thornton Rd and Westtown Rd	160/SF		1,610
Craig Property	E side of US 202, N of Concord Twp Line	308/APT		9,969
Rouse Chamberlain	Tanguy Rd and Creek Rd	70/SF, 130/TH	1,150,000/Commercial	1,466
Cobblestones	Cheyney Rd, Glen Mills Rd and Locksley Rd	98/SF		986
Cherry Sisters Farm	E of US 202 and S of Dilworthtown Rd		500,000/Office	5,702
TOTAL: Thornbury Township		766	1,650,000	19,733
TOTAL: STUDY AREA		4,761	5,018,575	118,255

to exceed 2,500 residential units and approach 670,000 square feet of non-residential development. The county also explained that discussions between Thornbury Township and the potential developer of the Robinson Tract have resulted in expected development levels of 85 residential units and approximately 550,000 square feet of non-residential development.

The proposed development activity for the study area was used to generate future trips on the network. Trip generation for each proposed project was estimated based on the appropriate Institute of Traffic Engineers (ITE) trip generation rate. These additional trips were surcharged to the trip table produced for the study area using DVRPC's 2015 population and employment forecasts. The expected number of trips generated by each development is also found in Table 6. Since the Church Farm property is not within the study area, it is not included in this table. However, since the number of trips generated by this development is significant, it is important to note that almost 34,000 additional trips have been surcharged to the trip table as a result of this development.

Overall, this planned development will generate over 118,000 additional trips within the ten municipalities in the study area on an average weekday. This new construction and resulting travel is not evenly distributed, however. Concord Township has the largest amount of proposed development; over 1,500 dwelling units and over 2.3 million square feet of non-residential development which generate over 43,600 additional daily trip ends (37% of the study area total). The Concord Interplex, located South of US 1 between US 202 and US 322, contributes 1.2 million square feet of office space to this total. The approximately 14,000 trips generated from this site represent the most trips from any one development within Concord Township. While considerable trips will be generated from this development, it is significant to note that this project accounts for only approximately one-third of the projected new trips within Concord Township.

Development of the Robinson Tract in Thornbury Township, Chester County represents the highest number of projected trips from one development in the study area. The expected development activity includes 85 residential units, 250,000 square feet of office space and 300,000 square feet of commercial space. The aggregated trips projected to be generated for this development are almost 18,200 trips on an average weekday. This project accounts for approximately 91 percent of the projected new trips within Thornbury Township.

In Westtown Township, the McCollie Tract is expected to generate over 3,200 new trips and its internal circulation road is proposed to access US 202 at the existing signalized intersection at the Stetson Middle School.

West Goshen Township, which saw intense development during the 1980's, is expected to have the least development activity of the municipalities in the study area. The 184 proposed residential units are estimated to have a combined impact of approximately 1,800 trips on an average weekday basis.

5. Highway Assignment Model

The final step in the focused simulation process is the assignment of estimated Year 2018 vehicle trips to the highway network representative of each of the four alternatives. This assignment model produces the forecasted traffic volumes for additional highway links that are required for the evaluation of the alternatives. The regional nature of the highway network and trip table underlying the focused assignment process allows the diversion of travel into and through the detailed study area to various points of entry and exit in response to the improvements made to US 202.

Highway trips are assigned to the network representative of a given alternative by determining the best (minimum time) route through the highway network for each zonal interchange and then allocating the interzonal highway travel to the highway facilities along that route. This assignment model is capacity restrained in that congestion levels are considered when determining the best route. The equilibrium assignment method is used to implement the capacity constraint. When the assignment reaches equilibrium, no path faster than the one actually assigned can be found through the network, given the "capacity constrained" travel times on each link.

6. Estimation of 1998 Traffic Volumes

The 1998 traffic volumes prepared as part of this study were determined by prorating the projected growth between current and projected 2018 traffic volumes. For existing roadway links in the US 202 study area, a three step process was employed. The first step was to estimate the difference between the 2018 traffic projected by the travel simulation models and current 1991 traffic counts. Next, this difference value was multiplied by 0.4 to estimate the growth increment between 1991 and 1998. In the third step, this growth increment was added to the traffic count to produce an estimate of 1998 travel.

V. FUTURE TRAFFIC VOLUMES

YEAR 2018 TRAFFIC ANALYSIS

Projected Year 2018 average daily traffic volumes for selected roads in Section 100 under the no-widening alternative are presented on Figure 6. The numbers posted over the line are Year 2018 projections, while the numbers posted under the line are the current traffic volumes. A comparison of the TSM and no-widening alternative traffic volumes are shown on Figure 7. Figure 8 presents a comparison of the widening and no-widening alternative traffic volumes. The last alternative, widening US 202 with interchanges at US 1 and Street Road is compared to the widening alternative on Figure 9. Tables 7 and 8 present a comparison of the projected Year 2018 ADT volumes for all four alternatives.

1. No-Widening Alternative

Under the no-widening alternative, traffic on US 202 will generally experience a 30 percent increase in traffic over existing conditions. Due to a combination of traffic congestion on US 202 and general development in the study area, traffic on the parallel roads will double. The roads intersecting US 202 are also projected to experience moderate growth over existing volumes.

On US 202, traffic will increase between 7,000 to 15,000 vehicles per day over existing volumes. In terms of percent increase, a 40 percent increase is projected near the Delaware State Line, gradually diminishing to 15 percent as the road approaches Matlack Street. The change in percent increase is largely attributable to lower existing volumes near the Delaware State Line and higher volumes near Matlack Street. Between Marshall Road and US 1, traffic will increase from 42,100 to 57,000 vehicles a day, a 35 percent increase. Between Green Tree Drive and Street Road, traffic will increase from 47,900 to 58,800 vehicles per day, a 23 percent increase. Within the study area, the highest volume will occur between Stetson Middle School and the West Chester Bypass, 61,800 vehicles per day.

On Brinton Lake Road/Concord Road traffic will nearly double over existing counts. The increase is related to local development and traffic diverted from congested US 202. The doubling of traffic is not as enormous as it may sound because the existing volumes are fairly small. For example, between Dilworthtown Road and Street Road, traffic will increase from 3,600 to 7,000 vehicles a

day, a 3,400 vehicle difference representing a 95 percent increase. Between Marshall Road and US 1/US 322, traffic is projected to increase from 1,900 to 8,100 vehicles daily. Intense development associated with Concord Interplex is largely responsible for the magnitude of increase. On New Street an even more substantial increase will occur than on Brinton Lake Road/Concord Road. However, with existing volumes, under 3,000 vehicles per day, the absolute increase is not that large.

Traffic on the major intersecting streets will generally increase over 50 percent from existing conditions. On US 1 between Brinton Lake Road and US 322, a 50 percent increase is projected from 40,500 to 60,700 vehicles daily. Street Road between New Street and US 202 will increase 58 percent from 10,500 vehicles per day to 16,600 vehicles per day. On many of the minor intersecting roads traffic is projected to double. Similar to the situation on Brinton Lake Road, the existing volumes are quite low and it does not take a significant increase to double the volumes. For example on Smith Bridge Road west of US 202, traffic will more than double from 1,400 to 3,000 vehicles per day.

2. TSM Alternative

Under the TSM alternative, traffic volumes on US 202 will slightly increase over the no-widening alternative reflecting the minor impact of the TSM capacity improvements. On average, daily traffic volumes will increase about three percent. In some instances, the TSM improvements cause sharp localized increases immediately upstream or downstream of the improvement demonstrating its localized impact. Traffic volumes on the parallel roads will slightly decrease with respect to the no-widening alternative as traffic diverts to US 202. Less than a three percent decrease in traffic is projected on Brinton Lake Road/Concord Road and New Street. The impact on the intersecting roads however, varies considerably; most of them are projected to show an increase of much less than eight percent.

On US 202 between Marshall Road and US 1, the TSM alternative will increase traffic two percent from 57,000 to 58,300 vehicles per day. Between Green Tree Drive and Street Road, traffic will increase five percent from 58,800 to 61,700 vehicles per day; the 2,900 vehicle increase being the largest projected in the corridor.

An example of the impact on parallel roads is Brinton Lake Road/Concord Road between Dilworthtown Road and Street Road. Under the no-widening alternative 7,000 vehicles per day are

projected; under the TSM alternative 6,800 vehicles are projected, a reduction of 200 vehicles or three percent.

On US 1 west of US 202, no increase in traffic is projected under the TSM alternative. East of US 202 an increase of less than one percent is expected. On Street Road about a five percent increase is projected. The TSM improvement results in 500 more vehicles using State Farm Drive.

3. Widening to Six Lanes

Widening US 202 to six lanes will result in a 13 percent increase in traffic volumes above the no-widening alternative on US 202. The parallel roads will experience a much greater diversion of traffic to US 202 than predicted under the TSM alternative. Most of the intersecting roads will undergo traffic increases of less than 10 percent.

On US 202, traffic will increase between 4,000 to 8,000 vehicles a day over the no-widening alternative. In terms of percent increase, an 18 percent increase is projected at the Delaware State Line, gradually diminishing to 10 percent at Matlack Street. Again, the change in percent increase is attributable to lower volumes at the state line and higher volumes by Matlack Street. Over a twenty year period less than a one percent annual increase is projected. Usually when a major highway capacity improvement is constructed it draws traffic from parallel roads far away from the improvement. However, because of the nature of the highway network in this section of Delaware and Chester counties, there are no parallel roads and thus very little latent demand.

On US 202 between Marshall Road and US 1, traffic volume will increase from 57,000 vehicles per day under the no-widening alternative to 64,600 vehicles per day under the widening alternative, a 13 percent increase. Between Green Tree Drive and Street Road an 11 percent increase is projected from 58,800 to 65,400 vehicles per day.

With increased capacity on US 202, the parallel roads will lose some traffic to US 202. On Concord Road, between Dilworthtown Road and Street Road traffic will decrease from 7,000 vehicles per day under the no-widening alternative to 5,900 vehicles per day under the widening alternative, 1,100 fewer vehicles representing a 16 percent reduction. On New Street between Brintons Bridge Road and Street Road 1,600 fewer vehicles are projected, 2,300 vehicles in lieu of the 3,900 projected for the no-widening.

Traffic on US 1 will increase four percent over the no-widening alternative west of of US 202 and

three percent between Brinton Lake Road and US 322. In terms of actual volumes, it will increase from 40,500 to 42,300 vehicles per day and from 60,700 to 62,600 vehicles per day respectively. Street Road is projected to experience a six percent increase to 17,700 vehicles per day west of US 202 and 19,100 vehicles per day east of US 202.

4. Widening to Six Lanes with Interchanges at US 1 and PA 926

Widening US 202 to six lanes with interchanges at US 1 and Street Road results in a less than six percent increase in traffic on US 202 as compared to the widening without the interchanges. On US 1, the interchanges will result in a traffic increases of less than five percent as compared to the widening alternative; on Street Road slightly higher increases are projected. This alternative will offer the most relief to the parallel roads.

In the vicinity of the interchanges, traffic on US 202 will increase about four percent over the widening alternative. Further away from the interchanges, its impact rapidly diminishes. At the Delaware State Line, the interchanges will generate less than a one percent increase in traffic. By Matlack Street only a three percent increase is projected. Between Marshall Road and US 1, just south of one of the interchanges, a four percent increase is projected, from 64,600 vehicles per day under the widening alternative to 67,000 vehicles per day under the widening with interchanges alternative. Between Green Tree Drive and US 1, just south of the second interchange, traffic will increase from 65,400 vehicles per day under the widening alternative to 67,300 vehicles, a three percent increase.

On Brinton Lake Road/Concord Road between Dilworthtown Road and Street Road, traffic will decrease from 5,900 vehicles per day under the widening alternative to 4,600 vehicles per day under the widening with interchanges alternative. Traffic on New Street will actually increase due to increased traffic on Street Road. Between Brintons Bridge Road and Street Road, it will increase from 2,300 to 2,700 vehicles per day.

On US 1, a five percent increases is projected over the widening alternative west of US 202, from 42,300 to 44,500 vehicles per day; and a three percent increase is projected between Brinton Lake Road and US 322, from 62,600 to 64,400 vehicles per day. On Street Road, an 11 percent increase is projected over the widening alternative west of US 202, from 17,700 to 19,700 vehicles per day; and a nine percent increase is projected east of US 202, from 19,100 to 20,800 vehicles per day.

Figure 6: CURRENT AND 2018 NO-WIDENING TRAFFIC VOLUMES

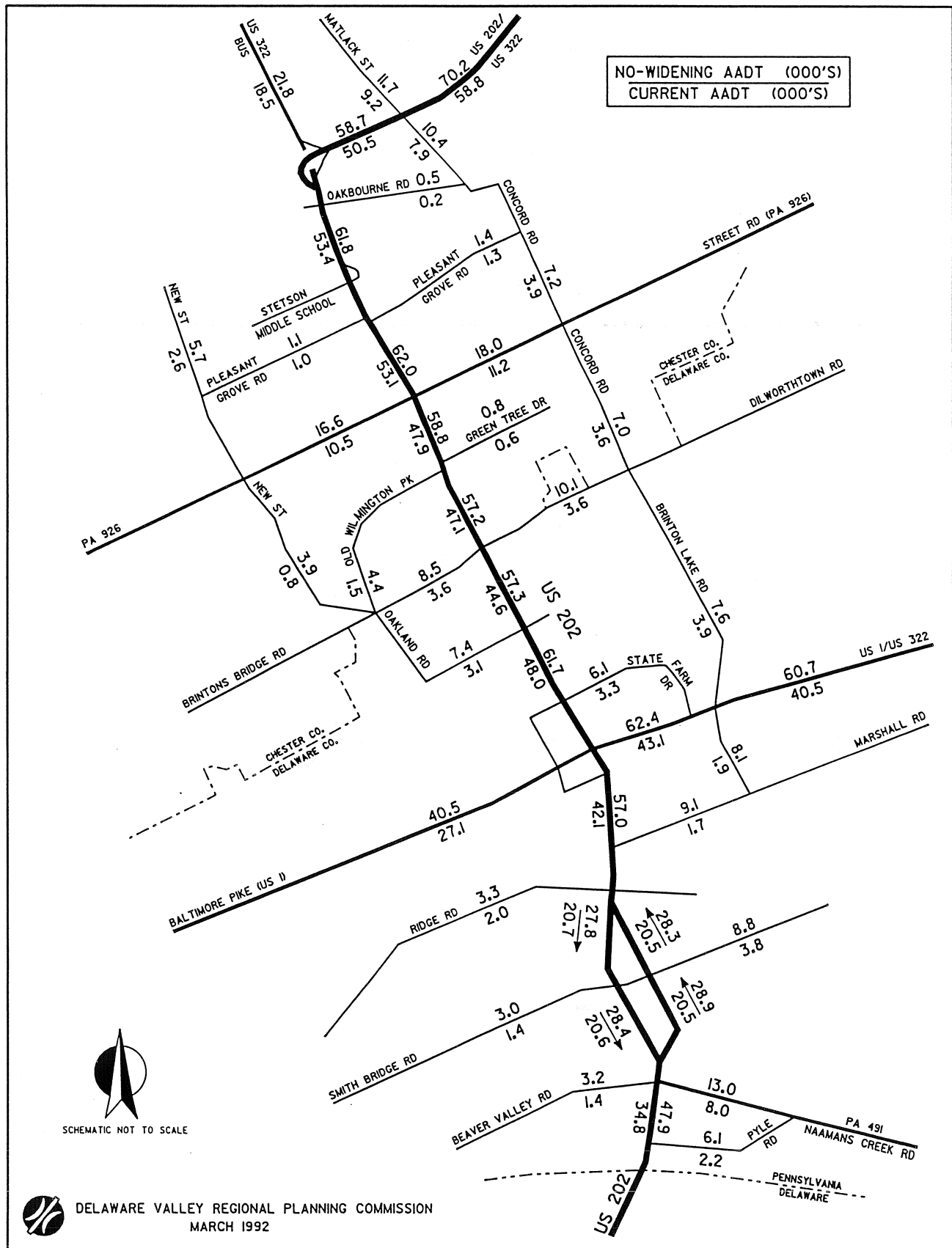


Figure 7: 2018 TSM AND NO-WIDENING ALTERNATIVE TRAFFIC VOLUMES

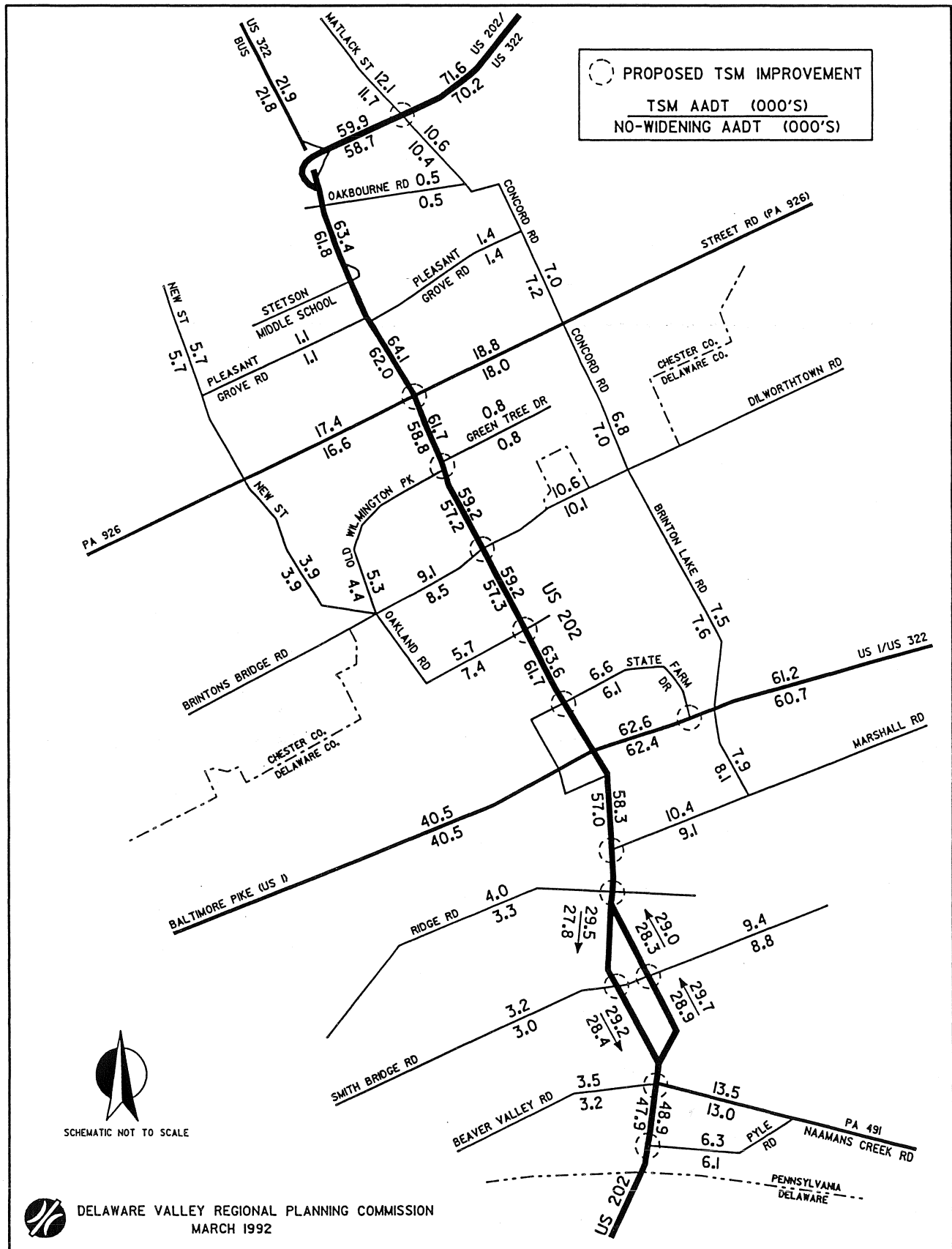
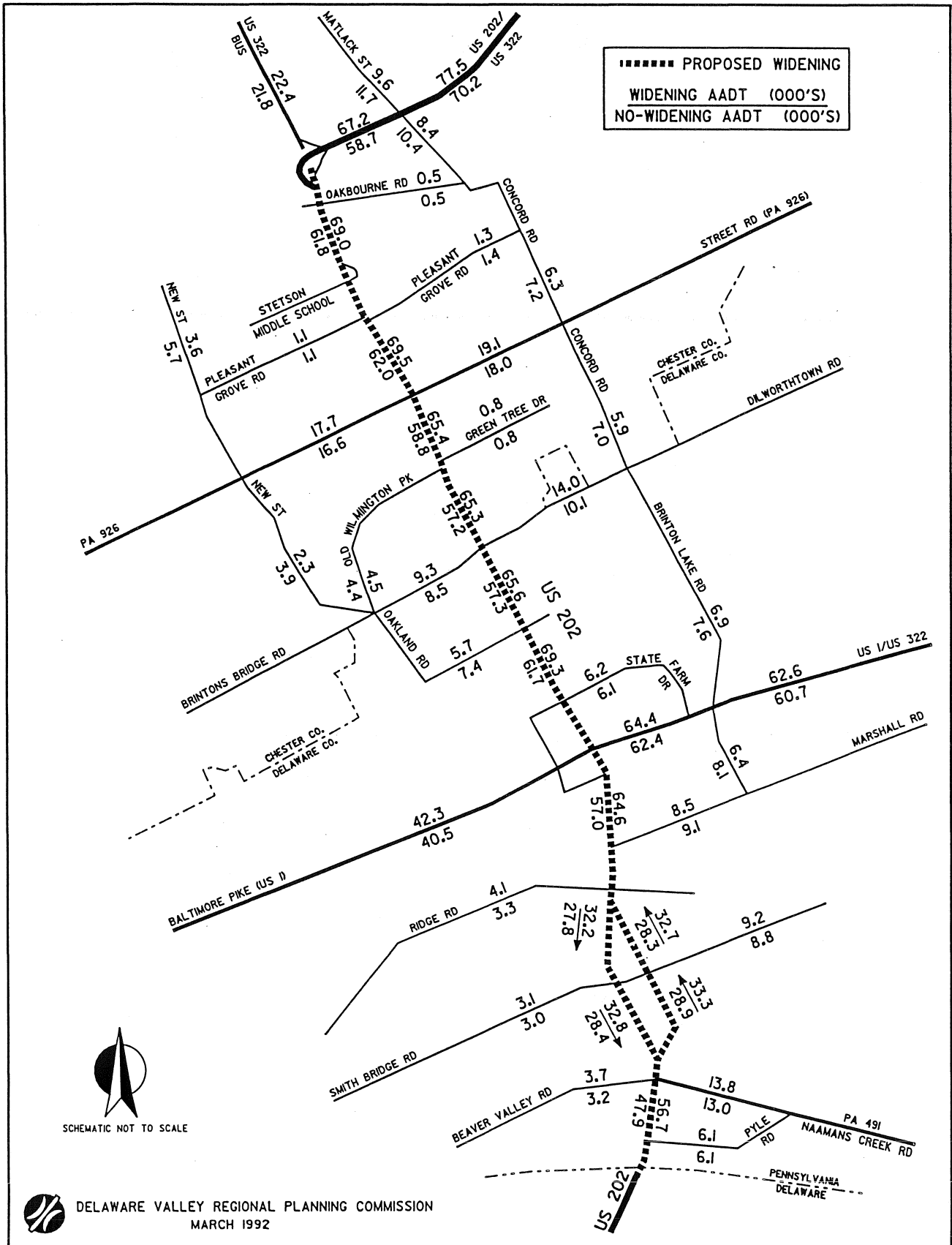


Figure 8: 2018 WIDENING AND NO-WIDENING ALTERNATIVE TRAFFIC VOLUMES



2018 WIDENING WITH INTERCHANGES AT US 1, PA 926
AND WIDENING ALTERNATIVE TRAFFIC VOLUMES

Figure 9:

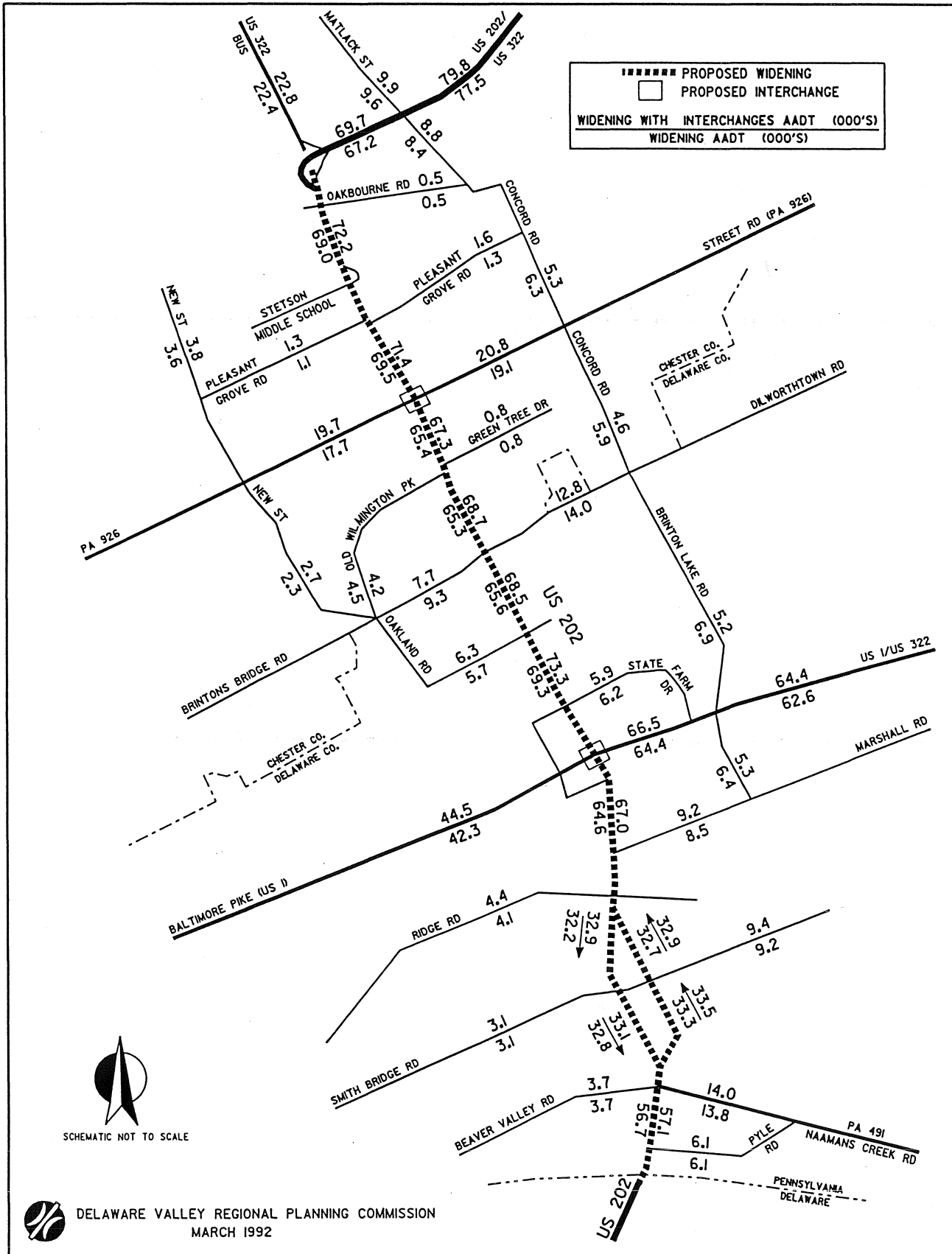


Table 7: COMPARISON OF YEAR 2018 AVERAGE DAILY TRAFFIC VOLUMES (ADT) UNDER THE NO-WIDENING, TSM, AND WIDENING ALTERNATIVES

Road\Segment	1991 Count	No-Widening ADT	Percent Growth (Count)	TSM ADT	Percent Growth (No-Widen)	Widening ADT	Percent Growth (No-Widen)
US 202 AND PARALLEL ROADS							
US 202							
Naamans Ck. Rd. to Smith Bridge Rd. NB	20,500	28,900	41.0%	29,700	2.8%	33,300	15.2%
Naamans Ck. Rd. to Smith Bridge Rd. SB	20,600	28,400	37.9%	29,200	2.8%	32,800	15.5%
Marshall Road to US 1/US 322	42,100	57,000	35.4%	58,300	2.3%	64,600	13.3%
State Farm Dr. to Oakland Road	48,000	61,700	28.5%	63,600	3.1%	69,300	12.3%
Green Tree Drive to Street Road	47,900	58,800	22.8%	61,700	4.9%	65,400	11.2%
Stetson M. S. to West Chester Bypass	53,400	61,800	15.7%	63,400	2.6%	69,000	11.7%
Brinton Lake Road/Concord Road							
Dilworthtown Road to Street Road	3,600	7,000	94.4%	6,800	-2.9%	5,900	-15.7%
New Street							
Brinton Bridge Rd to Street Road	800	3,900	387.5%	3,900	0.0%	2,300	-41.0%
ROADS INTERSECTING US 202							
Naamans Creek Road (PA 491)							
US 202 to Pyle Road	8,000	13,000	62.5%	13,500	3.8%	13,800	6.2%
US 1/US 322							
West of US 202	27,100	40,500	49.4%	40,500	0.0%	42,300	4.4%
Brinton Lake Rd. to US 322	40,500	60,700	49.9%	61,200	0.8%	62,600	3.1%
Street Road (PA 926)							
US 202 to New Street	10,500	16,600	58.1%	17,400	4.8%	17,700	6.6%
US 202 to Concord Road	11,200	18,000	60.7%	18,800	4.4%	19,100	6.1%

Table 8: COMPARISON OF YEAR 2018 AVERAGE DAILY TRAFFIC VOLUMES (ADT) UNDER THE WIDENING WITH INTERCHANGES AND WIDENING ALTERNATIVES

Road\Segment	1991 Count	Widening ADT	Widening/ Interchanges ADT	Percent Growth (Widening)
US 202 AND PARALLEL ROADS				
US 202				
Naamans Creek Road to Smith Bridge Road NB	20,500	33,300	33,500	0.6%
Naamans Creek Road to Smith Bridge Road SB	20,600	32,800	33,100	0.9%
Marshall Road to US 1/US 322	42,100	64,600	67,000	3.7%
State Farm Drive to Oakland Road	48,000	69,300	73,300	5.8%
Green Tree Drive to Street Road	47,900	65,400	67,300	2.9%
Stetson Middle School to West Chester Bypass	53,400	69,000	72,200	4.6%
Brinton Lake Road/Concord Road				
Dilworthtown Road to Street Road	3,600	5,900	4,600	-22.0%
New Street				
Brinton Bridge Road to Street Road	800	2,300	2,700	17.4%
ROADS INTERSECTING US 202				
Naamans Creek Road (PA 491)				
US 202 to Pyle Road	8,000	13,800	14,000	1.4%
US 1/US 322				
West of US 202	27,100	42,300	44,500	5.2%
Brinton Lake Road to US 322	40,500	62,600	64,400	2.9%
Street Road (PA 926)				
US 202 to New Street	10,500	17,700	19,700	11.3%
US 202 to Concord Road	11,200	19,100	20,800	8.9%

YEAR 1998 TRAFFIC ANALYSIS

A comparison of Year 1991 and 1998 average daily traffic volumes for each of the four alternatives is shown on Table 9 and a similar comparison of Year 1998 and 2018 traffic volumes is also presented on Table 10. The Comparison occurs at two cutlines, one is south of US 1, and the other south of Street Road. Projected Year 1998 average daily traffic volumes for selected roads in Section 100 under the no-widening alternative are presented in Figure 10. A comparison of the TSM and no-widening alternative traffic volumes are shown on Figure 11. Figure 12 presents a comparison of the widening and no-widening alternative traffic volumes. The last variation, widening US 202 with interchanges and the widening alternative is presented on Figure 13.

In 1998, on US 202 south of US 1, traffic is projected to increase about 15 percent over 1991 volumes; in 2018, another increase, approximately 23 percent over 1998 volumes, will occur. On US 202 just south of Street Road, a 12 percent increase in traffic is projected by 1998; by 2018, an additional increase, about 17 percent, is projected. The increases vary slightly among the four alternatives.

DESIGN FACTORS

Design factors are an important element in pavement design and in the planning of future physical and operational improvements. Peak hour and daily factors for Section 100 are presented below.

The K factor represents the percent of total daily traffic occurring during the peak hour. It is derived by dividing the total peak hour volume by the total daily volume. The total volume consists of the sum of the directional volumes. Directional traffic counts on US 202 were used to estimate the K factor.

The directional split on a highway is known as the D factor for the peak period and DF factor for a 24-hour period. The directional factor is derived by dividing the peak directional volume by a highway's total two-way traffic, it is expressed in percent. Directional traffic counts collected on US 202 were used to estimate the directional split.

The truck factor on a highway is known as the T factor for the peak period and TF factor for a 24-hour period. The truck factor is derived by dividing the number of trucks on the highway by the total vehicles counted; it is expressed in percent. The definition of trucks excludes 2-axle light trucks and buses shorter than 11.5 ft. Highway Performance Monitoring System (HPMS) truck

counts on US 202 were used to estimate the truck factor. Truck patterns in the study area, with the percent trucks north of US 1 much higher than the percent trucks south of US 1, necessitate two truck factors for this section of the corridor.

Peak Hour Factor (K) - 8%

Peak Hour Directional Split (D) - 53%

Peak Hour Truck Factor (T) - 7% North of US 1

Peak Hour Truck Factor (T) - 5% South of US 1

Daily Truck Factor (TF) - 12% North of US 1

Daily Truck Factor (TF) - 7% South of US 1

Daily Directional Split (DF) - 50%

Figure 10: CURRENT AND 1998 NO-WIDENING TRAFFIC VOLUMES

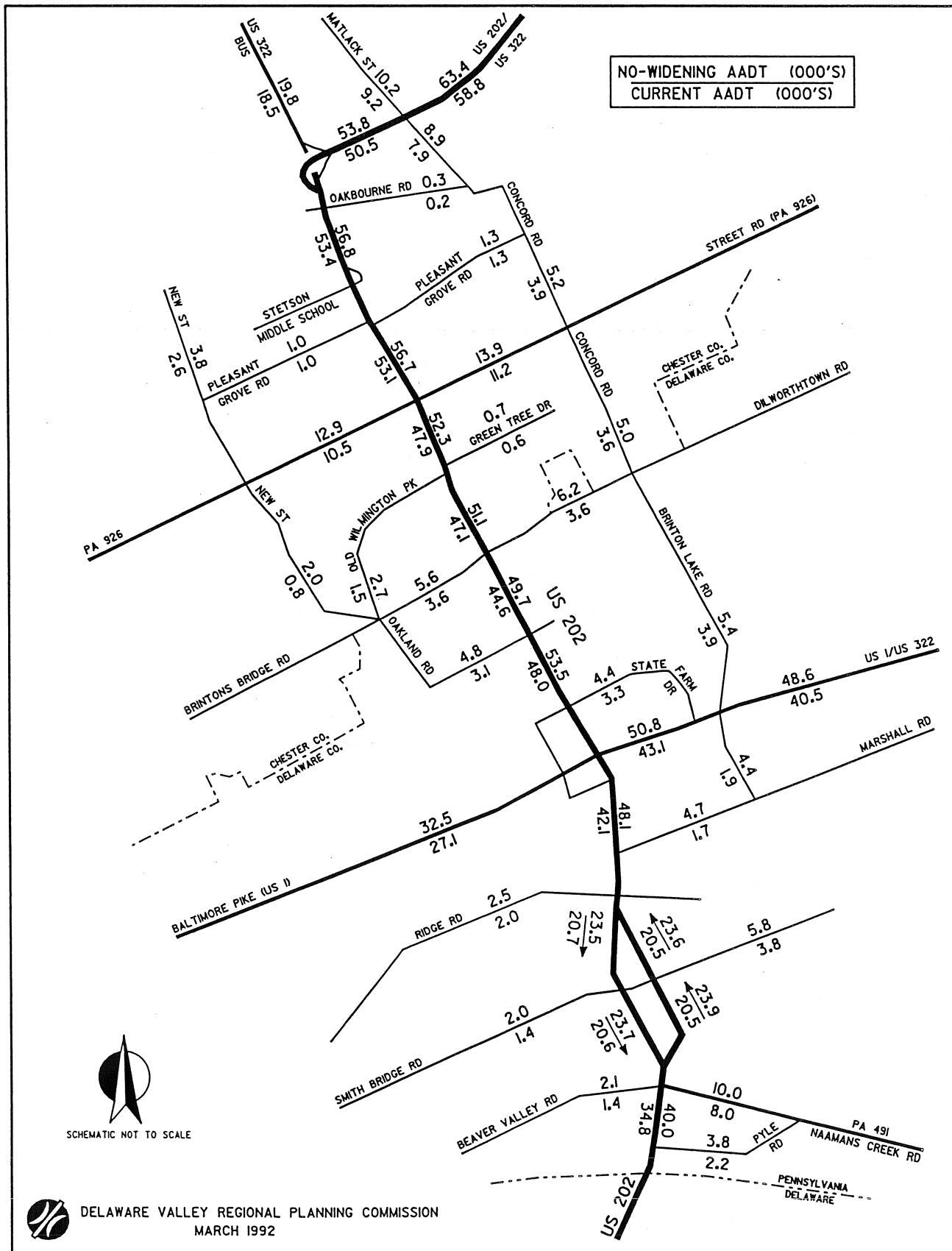


Figure 11: 1998 TSM AND NO-WIDENING ALTERNATIVE TRAFFIC VOLUMES

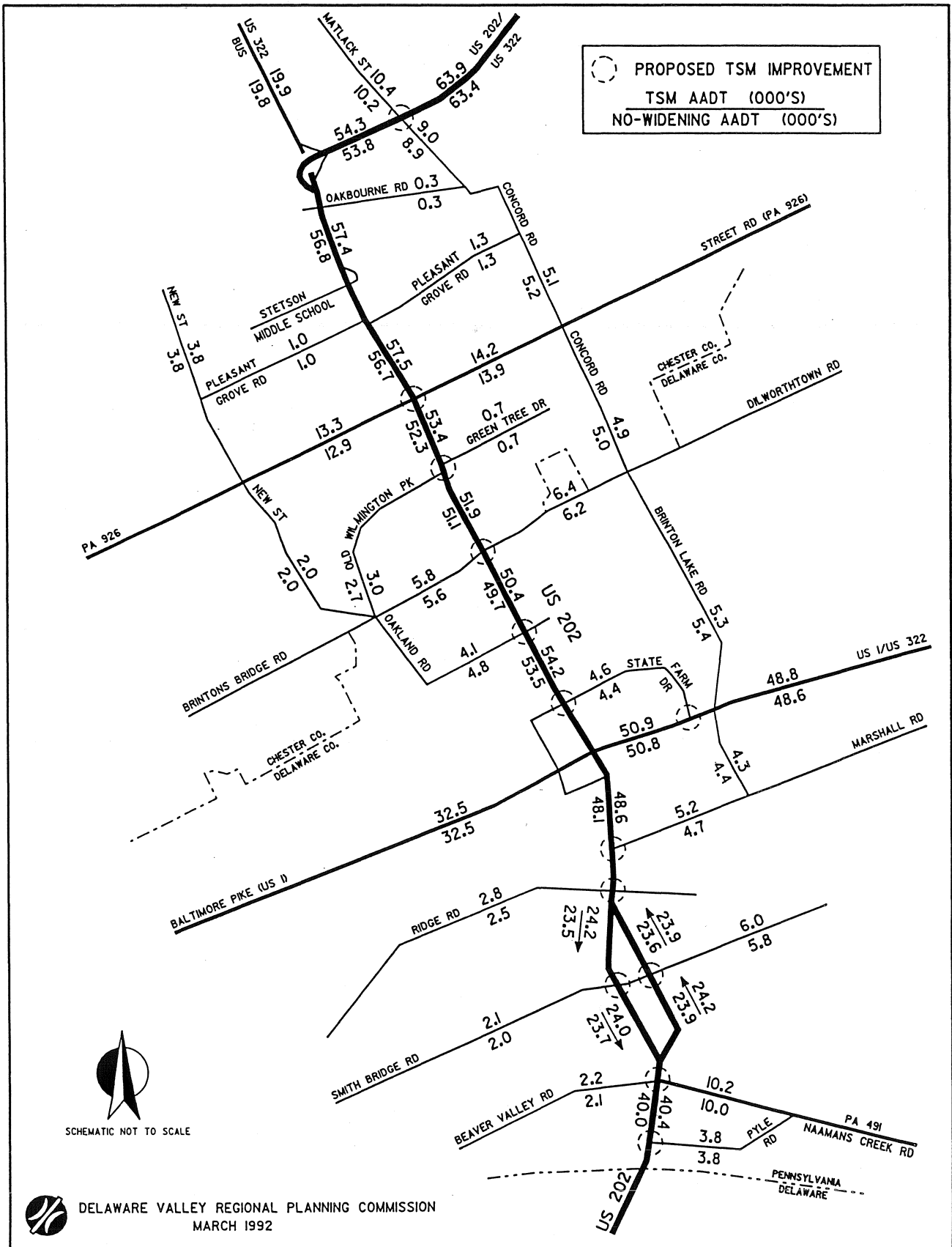
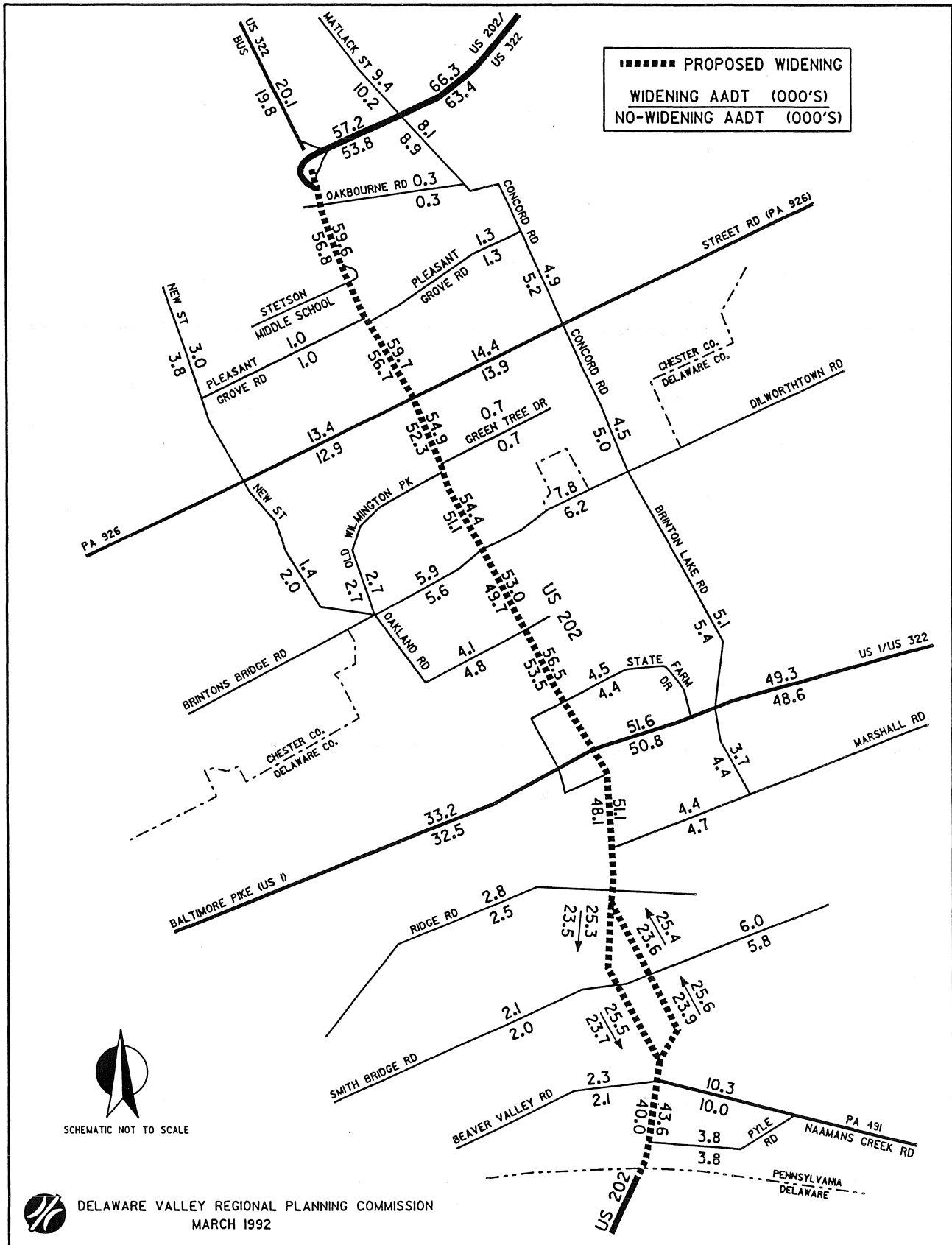


Figure 12: 1998 WIDENING AND NO-WIDENING ALTERNATIVE TRAFFIC VOLUMES



1998 WIDENING WITH INTERCHANGES AT US 1, PA 926
AND WIDENING ALTERNATIVE TRAFFIC VOLUMES

Figure 13:

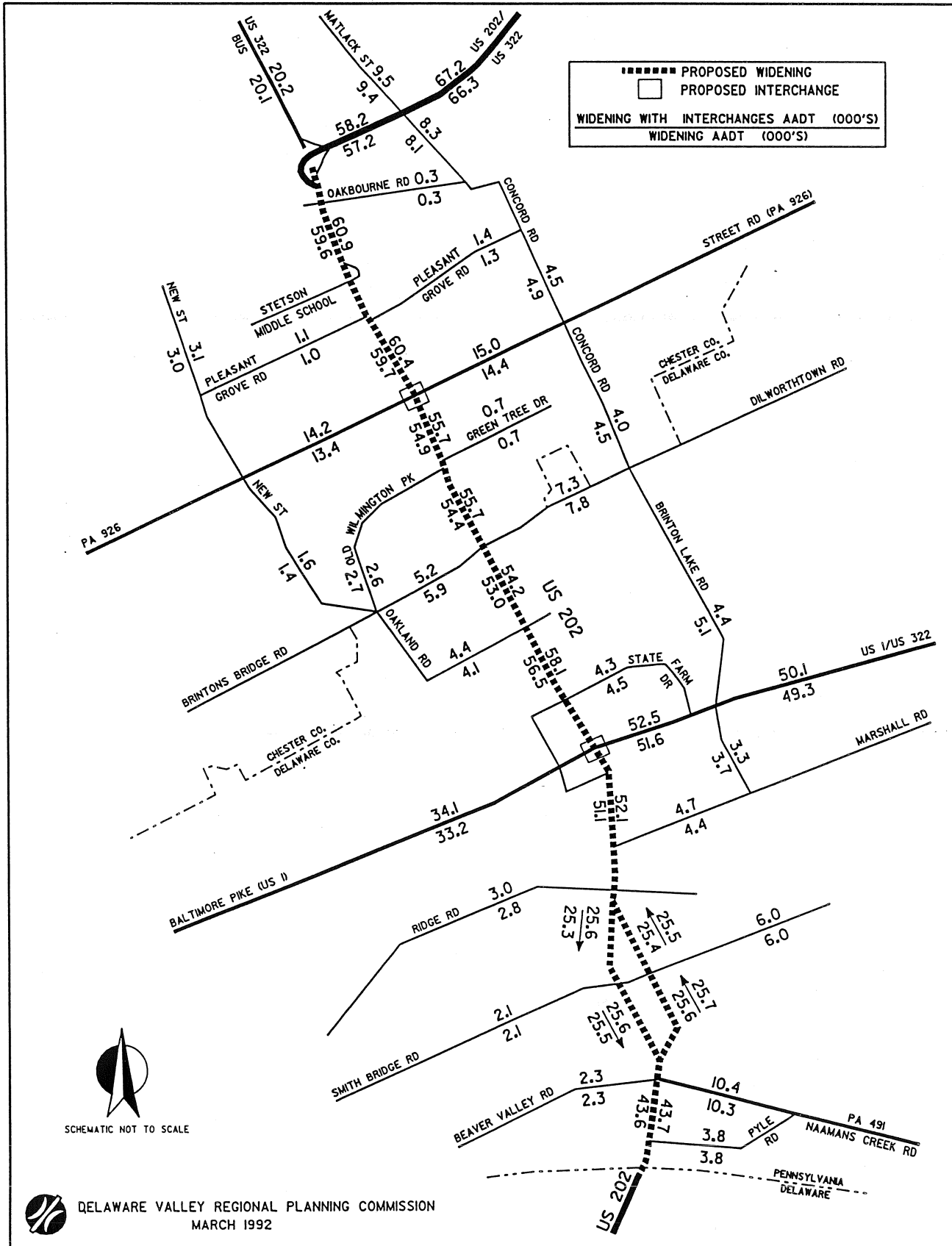


Table 9: COMPARISON OF YEAR 1991 AND 1998 AVERAGE DAILY TRAFFIC VOLUMES ON SELECTED CUTLINES BISECTING US 202 AND PARALLEL ROADS

Cutline/Road	1991 Count	No- Widening ADT	Percent Growth (Count)	TSM ADT	Percent Growth (Count)	Widening ADT	Percent Growth (Count)	Widening/ Interchanges ADT	Percent Growth (Count)
South of US 1									
US 202	42,100	48,100	14.3%	48,600	15.4%	51,100	21.4%	48,600	15.4%
Brinton Lake Road	1,900	4,400	131.6%	4,300	126.3%	3,700	94.7%	4,300	126.3%
South of Street Road									
New Street	800	2,000	150.0%	2,000	150%	1,400	75.0%	2,000	150.0%
US 202	47,900	52,300	9.2%	53,400	11.5%	54,900	14.6%	53,400	11.5%
Concord Road	3,600	5,000	38.9%	4,900	36.1%	4,500	25.0%	4,900	36.1%

APPENDIX A

MACHINE TRAFFIC COUNTS

TABLE OF CONTENTS

<u>HIGHWAY SEGMENT</u>	<u>BETWEEN</u>	<u>PAGE</u>
Dilworthtown Road	TR 202/TR 322 & Country Club Road	A-5
Brintons Bridge Road	TR 202/TR 322 & Old Wilmington Pike/Oakland Road	A-6
TR 202/TR 322 NB	Dilworthtown Road & Country Club Road	A-7
TR 202/TR 322 SB	Dilworthtown Road & Country Club Road	A-8
Old Wilmington Pike	Dilworthtown Road & TR 202/TR 322	A-9
Green Tree Drive	TR 202/TR 322 & Buck Lane	A-10
New Street	Birmingham Road & Thornbury Road	A-11
TR 202/TR 322 Wilmington Pike NB	TR 926 Street Road & Green Tree Drive	A-12
TR 202/TR 322 Wilmington Pike SB	TR 926 Street Road & Green Tree Drive	A-13
TR 926 Street Road	TR 202/TR 322 & Tower Course Drive	A-14
TR 926 Street Road	TR 202/TR 322 & New Street Road South	A-15
TR 202/TR 322 Wilmington Pike NB	TR 926 Street Road & Piedmont Road	A-16
TR 202/TR 322 Wilmington Pike SB	TR 926 Street Road & Piedmont Road	A-17
Concord Road	Oaklea Lane & Pleasant Grove Road	A-18
Pleasant Grove Road West	TR 202/TR 322 & New Street South	A-19
Pleasant Grove Road East	TR 202/TR 322 & Westwood Drive	A-20
TR 202/TR 322 Wilmington Pike NB	Westview Drive & Pleasant Grove Road	A-21
TR 202/TR 322 Wilmington Pike SB	Westview Drive & Pleasant Grove Road	A-22
Oakbourne Road	TR 202/TR 322 & Goodwin Lane	A-23
New Street	Spring Line Drive & Tigue Road	A-24
TR 322 Business SB	Spruce Avenue & Yorktown Avenue	A-25
TR 322 Business NB	Spruce Avenue & Yorktown Avenue	A-26
TR 202/TR 322 W Chester Byp NB	Bypass On-Ramp & Matlack Street	A-27
TR 202/TR 322 W Chester Byp SB	Bypass On-Ramp & Matlack Street	A-28
Matlack Street	West Chester Bypass & Snyder Avenue	A-29
Matlack Street	West Chester Bypass & Larchwood Road	A-30
TR 202/TR 322 W Chester Byp NB	Westtown Road & Matlack Street	A-31
TR 202/TR 322 W Chester Byp SB	Westtown Road & Matlack Street	A-32
Brinton Lake Road	Glen Mills Road & Lake Road	A-33
TR 202/TR 322 Wilm W Chester Pk NB	Oakland Road & Dilworthtown Road	A-34
TR 202/TR 322 Wilm W Chester Pk SB	Oakland Road & Dilworthtown Road	A-35
Oakland Road	Webb Road & Harvey Road	A-36
TR 202/TR 322 Wilm W Chester Pk NB	Oakland Road & TR 1	A-37
TR 202/TR 322 Wilm W Chester Pk SB	Oakland Road & TR 1	A-38
State Farm Drive	TR 1 Baltimore Pike & TR 202 Wilmington W Chester Pike	A-39
TR 1 Baltimore Pike NB	TR 202 & Harvey Road	A-40
TR 1 Baltimore Pike SB	TR 202 & Harvey Road	A-41
TR 1/TR 322 Baltimore Pike SB	TR 202 & State Farm Drive	A-42
TR 1/TR 322 Baltimore Pike NB	TR 202 & State Farm Drive	A-43
TR 1/TR 322 Baltimore Pike NB	TR 322 & Brinton Lake Road	A-44
TR 202 Wilmington W Chester Pike NB	Woodland Drive & Christy Drive	A-45
TR 202 Wilmington W Chester Pike SB	Woodland Drive & Christy Drive	A-46
Ridge Road	Raven Drive & TR 202	A-47

TABLE OF CONTENTS (continued)

<u>HIGHWAY SEGMENT</u>	<u>BETWEEN</u>	<u>PAGE</u>
Marshall Road	TR 202 & James Hayward Road	A-48
Smith Bridge Road	Heyburn Road & TR 202 SB	A-49
TR 202 Wilmington W Chester Pike SB	Smith Bridge Road & Summit Street	A-50
TR 202 Wilmington W Chester Pike NB	Smith Bridge Road & Summit Street	A-51
TR 202 Wilmington W Chester Pike NB	Beaver Valley Road & Smith Bridge Road	A-52
TR 202 Wilmington W Chester Pike SB	Beaver Valley Road & Smith Bridge Road	A-53
Smith Bridge Road	TR 202 & Sunset View Drive	A-54
TR 491 Naamans Creek Road	Pyle Road & Shavertown Road	A-55
Pyle Road	TR 202 & Naamans Creek Road	A-56
TR 202 Wilmington W Chester Pike NB	Delaware State Line & Naamans Creek Road	A-57
TR 202 Wilmington W Chester Pike SB	Delaware State Line & Naamans Creek Road	A-58

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
24-HOUR TRAFFIC COUNT RECORD

COUNTY: CHESTER
MUNICIPALITY: THORNBURY

ROAD COUNTED ON: DILWORTHTOWN RD
BETWEEN: TR 202/TR 322 & COUNTY CLUB DR
DIRECTION: BOTH

RECORDER NO: 13824
SET BY: RS
DATE: 09/03/91
DAY MACHINE SET: TUE

COUNTS

DAY: DATE:	MON.	TUES. 09/03	WED. 09/04	THURS. 09/05	FRI.
12:00- 1:00 AM	0	0	12	21	16
1:00- 2:00 AM	0	0	5	11	8
2:00- 3:00 AM	0	0	4	3	8
3:00- 4:00 AM	0	0	6	3	2
4:00- 5:00 AM	0	0	4	7	7
5:00- 6:00 AM	0	0	44	39	34
6:00- 7:00 AM	0	0	138	131	118
7:00- 8:00 AM	0	0	317	409	316
8:00- 9:00 AM	0	0	282	271	248
9:00-10:00 AM	0	0	156	264	0
10:00-11:00 AM	0	0	172	163	0
11:00-12:00 PM	0	169	161	211	0
12:00- 1:00 PM	0	236	227	188	0
1:00- 2:00 PM	0	178	191	188	0
2:00- 3:00 PM	0	194	158	197	0
3:00- 4:00 PM	0	254	234	251	0
4:00- 5:00 PM	0	300	330	325	0
5:00- 6:00 PM	0	282	329	305	0
6:00- 7:00 PM	0	195	242	246	0
7:00- 8:00 PM	0	141	179	161	0
8:00- 9:00 PM	0	103	108	128	0
9:00-10:00 PM	0	84	88	95	0
10:00-11:00 PM	0	48	32	52	0
11:00-12:00 AM	0	20	17	32	0
TOTALS	0	2204	3436	3701	757

WEATHER: F F F F F
(F)air
(R)ain
(S)now
(H)oliday

REMARKS:

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
24-HOUR TRAFFIC COUNT RECORD

COUNTY: CHESTER
MUNICIPALITY: BIRMINGHAM

ROAD COUNTED ON: BRINTONS BRIDGE RD
BETWEEN: TR 202/TR 322 & OLD WILM PK/OAKLAND RD
DIRECTION: BOTH

RECORDER NO: 6370
SET BY: RS
DATE: 09/03/91
DAY MACHINE SET: TUE

COUNTS

DAY: DATE:	MON.	TUES. 09/03	WED. 09/04	THURS. 09/05	FRI.
12:00- 1:00 AM	0	0	8	7	0
1:00- 2:00 AM	0	0	9	2	0
2:00- 3:00 AM	0	0	1	1	0
3:00- 4:00 AM	0	0	0	1	0
4:00- 5:00 AM	0	0	8	12	0
5:00- 6:00 AM	0	0	41	32	0
6:00- 7:00 AM	0	0	123	116	0
7:00- 8:00 AM	0	0	342	353	0
8:00- 9:00 AM	0	0	272	272	0
9:00-10:00 AM	0	0	211	204	0
10:00-11:00 AM	0	0	187	162	0
11:00-12:00 PM	0	186	198	191	0
12:00- 1:00 PM	0	270	243	233	0
1:00- 2:00 PM	0	206	186	227	0
2:00- 3:00 PM	0	185	187	230	0
3:00- 4:00 PM	0	262	219	244	0
4:00- 5:00 PM	0	279	309	304	0
5:00- 6:00 PM	0	369	398	378	0
6:00- 7:00 PM	0	251	232	252	0
7:00- 8:00 PM	0	152	176	146	0
8:00- 9:00 PM	0	86	109	131	0
9:00-10:00 PM	0	59	60	72	0
10:00-11:00 PM	0	36	19	37	0
11:00-12:00 AM	0	20	28	22	0
TOTALS	0	2361	3566	3629	0

WEATHER: F F F F F
(F)air
(R)ain
(S)now
(H)oliday

REMARKS:

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
24-HOUR TRAFFIC COUNT RECORD

COUNTY: CHESTER
MUNICIPALITY: BIRMINGHAM

ROAD COUNTED ON: TR 202/TR 322 NB
BETWEEN: DILWORTHTOWN RD & COUNTRY CLUB RD
DIRECTION: NORTH

RECORDER NO: 9129
SET BY: AC
DATE: 9/03/91
DAY MACHINE SET: TUE

COUNTS

DAY: DATE:	MON.	TUES. 09/03	WED. 09/04	THURS. 09/05	FRI.
12:00- 1:00 AM	0	0	256	259	252
1:00- 2:00 AM	0	0	145	143	190
2:00- 3:00 AM	0	0	119	102	131
3:00- 4:00 AM	0	0	126	131	117
4:00- 5:00 AM	0	0	178	192	210
5:00- 6:00 AM	0	0	414	404	386
6:00- 7:00 AM	0	0	907	889	992
7:00- 8:00 AM	0	0	1716	1635	1594
8:00- 9:00 AM	0	0	1557	1604	1523
9:00-10:00 AM	0	0	1288	1337	0
10:00-11:00 AM	0	0	1198	1243	0
11:00-12:00 PM	0	0	1215	1346	0
12:00- 1:00 PM	0	1461	1287	1301	0
1:00- 2:00 PM	0	1548	1323	1334	0
2:00- 3:00 PM	0	1644	1306	1395	0
3:00- 4:00 PM	0	1623	1506	1544	0
4:00- 5:00 PM	0	1811	1699	1771	0
5:00- 6:00 PM	0	1855	1901	1903	0
6:00- 7:00 PM	0	1527	1470	1470	0
7:00- 8:00 PM	0	1174	1094	1126	0
8:00- 9:00 PM	0	916	805	879	0
9:00-10:00 PM	0	776	768	804	0
10:00-11:00 PM	0	610	618	538	0
11:00-12:00 AM	0	356	392	410	0
TOTALS.	0	15301	23288	23760	5395

WEATHER: F F F F F
(F)air
(R)ain
(S)now
(H)oliday

REMARKS:

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
24-HOUR TRAFFIC COUNT RECORD

COUNTY: CHESTER
MUNICIPALITY: BIRMINGHAM

ROAD COUNTED ON: TR 202/TR 322 SB
BETWEEN: DILWORTHTOWN RD & COUNTRY CLUB RD
DIRECTION: SOUTH

RECORDER NO: 9129
SET BY: AC
DATE: 9/03/91
DAY MACHINE SET: TUE

COUNTS

DAY: DATE:	MON.	TUES. 09/03	WED. 09/04	THURS. 09/05	FRI.
12:00- 1:00 AM	0	0	197	202	0
1:00- 2:00 AM	0	0	168	170	0
2:00- 3:00 AM	0	0	111	120	0
3:00- 4:00 AM	0	0	142	130	0
4:00- 5:00 AM	0	0	212	206	0
5:00- 6:00 AM	0	0	473	507	0
6:00- 7:00 AM	0	0	1178	1237	0
7:00- 8:00 AM	0	0	1944	1975	0
8:00- 9:00 AM	0	0	1839	1717	0
9:00-10:00 AM	0	0	1472	1485	0
10:00-11:00 AM	0	0	1300	1300	0
11:00-12:00 PM	0	0	1360	1332	0
12:00- 1:00 PM	0	1489	1338	1362	0
1:00- 2:00 PM	0	1407	1299	1305	0
2:00- 3:00 PM	0	1415	1282	244	0
3:00- 4:00 PM	0	1498	1500	0	0
4:00- 5:00 PM	0	1645	1624	0	0
5:00- 6:00 PM	0	1762	1829	0	0
6:00- 7:00 PM	0	1390	1427	0	0
7:00- 8:00 PM	0	1010	987	0	0
8:00- 9:00 PM	0	759	733	0	0
9:00-10:00 PM	0	600	658	0	0
10:00-11:00 PM	0	390	478	0	0
11:00-12:00 AM	0	283	282	0	0
TOTALS	0	13648	23833	13292	0

WEATHER:	F	F	F	F	F
(F)air					
(R)ain					
(S)now					
(H)oliday					

REMARKS:

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
24-HOUR TRAFFIC COUNT RECORD

COUNTY: CHESTER
MUNICIPALITY: BIRMINGHAM

ROAD COUNTED ON: OLD WILMINGTON PK
BETWEEN: DILWORTHTOWN RD & TR 202/TR 322
DIRECTION: BOTH

RECORDER NO: 15829
SET BY: RS
DATE: 09/03/91
DAY MACHINE SET: TUE

COUNTS

DAY: DATE:	MON.	TUES. 09/03	WED. 09/04	THURS. 09/05	FRI.
12:00- 1:00 AM	0	0	5	4	0
1:00- 2:00 AM	0	0	1	2	0
2:00- 3:00 AM	0	0	1	0	0
3:00- 4:00 AM	0	0	0	1	0
4:00- 5:00 AM	0	0	0	0	0
5:00- 6:00 AM	0	0	8	10	0
6:00- 7:00 AM	0	0	26	22	0
7:00- 8:00 AM	0	0	85	89	0
8:00- 9:00 AM	0	0	91	102	0
9:00-10:00 AM	0	0	72	67	0
10:00-11:00 AM	0	0	81	73	0
11:00-12:00 PM	0	85	109	0	0
12:00- 1:00 PM	0	113	105	0	0
1:00- 2:00 PM	0	98	99	0	0
2:00- 3:00 PM	0	71	99	0	0
3:00- 4:00 PM	0	115	90	0	0
4:00- 5:00 PM	0	140	132	0	0
5:00- 6:00 PM	0	144	139	0	0
6:00- 7:00 PM	0	93	127	0	0
7:00- 8:00 PM	0	74	74	0	0
8:00- 9:00 PM	0	54	61	0	0
9:00-10:00 PM	0	29	56	0	0
10:00-11:00 PM	0	17	33	0	0
11:00-12:00 AM	0	18	24	0	0
TOTALS	0	1051	1518	370	0

WEATHER: F F F F F
(F)air
(R)ain
(S)now
(H)oliday

REMARKS:

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
24-HOUR TRAFFIC COUNT RECORD

COUNTY: CHESTER
MUNICIPALITY: THORNBURY

ROAD COUNTED ON: GREEN TREE DR
BETWEEN: TR 202/TR 322 & BUCK LANE
DIRECTION: BOTH

RECORDER NO: 12407
SET BY: RS
DATE: 09/03/91
DAY MACHINE SET: TUE

COUNTS

DAY: DATE:	MON.	TUES. 09/03	WED. 09/04	THURS. 09/05	FRI.
12:00- 1:00 AM	0	0	0	1	0
1:00- 2:00 AM	0	0	0	0	0
2:00- 3:00 AM	0	0	0	2	0
3:00- 4:00 AM	0	0	0	0	0
4:00- 5:00 AM	0	0	0	2	0
5:00- 6:00 AM	0	0	0	7	0
6:00- 7:00 AM	0	0	0	18	0
7:00- 8:00 AM	0	0	0	58	0
8:00- 9:00 AM	0	0	0	36	0
9:00-10:00 AM	0	0	21	19	0
10:00-11:00 AM	0	0	34	23	0
11:00-12:00 PM	0	10	25	35	0
12:00- 1:00 PM	0	0	40	27	0
1:00- 2:00 PM	0	0	31	46	0
2:00- 3:00 PM	0	0	38	34	0
3:00- 4:00 PM	0	0	41	54	0
4:00- 5:00 PM	0	0	61	40	0
5:00- 6:00 PM	0	0	51	65	0
6:00- 7:00 PM	0	0	50	58	0
7:00- 8:00 PM	0	0	34	38	0
8:00- 9:00 PM	0	0	36	40	0
9:00-10:00 PM	0	0	27	22	0
10:00-11:00 PM	0	0	10	15	0
11:00-12:00 AM	0	0	5	11	0
TOTALS	0	10	504	651	0

WEATHER: F F F F F
(F)air
(R)ain
(S)now
(H)oliday

REMARKS:

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
24-HOUR TRAFFIC COUNT RECORD

COUNTY: CHESTER
MUNICIPALITY: THORNBURY

ROAD COUNTED ON: NEW ST
BETWEEN: BIRMINGHAM RD & THORNBURY RD
DIRECTION: BOTH

RECORDER NO: 15800
SET BY: RS
DATE: 09/04/91
DAY MACHINE SET: WED

COUNTS

DAY: DATE:	MON.	TUES.	WED. 09/04	THURS. 09/05	FRI. 09/06
12:00- 1:00 AM	0	0	0	3	5
1:00- 2:00 AM	0	0	0	2	2
2:00- 3:00 AM	0	0	0	0	1
3:00- 4:00 AM	0	0	0	1	0
4:00- 5:00 AM	0	0	0	0	3
5:00- 6:00 AM	0	0	0	5	3
6:00- 7:00 AM	0	0	0	19	20
7:00- 8:00 AM	0	0	0	68	63
8:00- 9:00 AM	0	0	0	54	40
9:00-10:00 AM	0	0	0	36	28
10:00-11:00 AM	0	0	0	41	0
11:00-12:00 PM	0	0	0	48	0
12:00- 1:00 PM	0	0	0	37	0
1:00- 2:00 PM	0	0	0	65	0
2:00- 3:00 PM	0	0	0	50	0
3:00- 4:00 PM	0	0	0	60	0
4:00- 5:00 PM	0	0	80	96	0
5:00- 6:00 PM	0	0	95	83	0
6:00- 7:00 PM	0	0	66	66	0
7:00- 8:00 PM	0	0	42	54	0
8:00- 9:00 PM	0	0	10	27	0
9:00-10:00 PM	0	0	15	20	0
10:00-11:00 PM	0	0	4	1	0
11:00-12:00 AM	0	0	4	3	0
TOTALS	0	0	316	839	165

WEATHER: F F F F F
(F)air
(R)ain
(S)now
(H)oliday

REMARKS:

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
24-HOUR TRAFFIC COUNT RECORD

COUNTY: CHESTER
MUNICIPALITY: THORNBURY

ROAD COUNTED ON: TR 202/TR 322 WILM PIKE NB
BETWEEN: TR 926 STREET RD & GREEN TREE DR
DIRECTION: NORTH

RECORDER NO: 9128
SET BY: RS
DATE: 9/04/91
DAY MACHINE SET: WED

COUNTS

DAY: DATE:	MON.	TUES.	WED. 09/04	THURS. 09/05	FRI. 09/06
12:00- 1:00 AM	0	0	0	258	255
1:00- 2:00 AM	0	0	0	141	196
2:00- 3:00 AM	0	0	0	106	135
3:00- 4:00 AM	0	0	0	129	114
4:00- 5:00 AM	0	0	0	196	218
5:00- 6:00 AM	0	0	0	406	386
6:00- 7:00 AM	0	0	0	912	1016
7:00- 8:00 AM	0	0	0	1688	1671
8:00- 9:00 AM	0	0	0	1690	1561
9:00-10:00 AM	0	0	0	1362	0
10:00-11:00 AM	0	0	1211	1263	0
11:00-12:00 PM	0	0	1234	1359	0
12:00- 1:00 PM	0	0	1305	1314	0
1:00- 2:00 PM	0	0	1328	1392	0
2:00- 3:00 PM	0	0	1334	1440	0
3:00- 4:00 PM	0	0	1517	1566	0
4:00- 5:00 PM	0	0	1735	1803	0
5:00- 6:00 PM	0	0	1931	1922	0
6:00- 7:00 PM	0	0	1480	1504	0
7:00- 8:00 PM	0	0	1084	1128	0
8:00- 9:00 PM	0	0	804	900	0
9:00-10:00 PM	0	0	783	810	0
10:00-11:00 PM	0	0	618	549	0
11:00-12:00 AM	0	0	387	420	0
TOTALS	0	0	16751	24258	5552

WEATHER: F F F F F
(F)air
(R)ain
(S)now
(H)oliday

REMARKS:

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
24-HOUR TRAFFIC COUNT RECORD

COUNTY: CHESTER
MUNICIPALITY: THORNBURY

ROAD COUNTED ON: TR 202/TR 322 WILM PIKE SB
BETWEEN: TR 926 STREET RD & GREEN TREE DR
DIRECTION: SOUTH

RECORDER NO: 9128
SET BY: RS
DATE: 9/04/91
DAY MACHINE SET: WED

COUNTS

DAY: DATE:	MON.	TUES.	WED. 09/04	THURS. 09/05	FRI. 09/06
12:00- 1:00 AM	0	0	0	196	180
1:00- 2:00 AM	0	0	0	169	140
2:00- 3:00 AM	0	0	0	116	141
3:00- 4:00 AM	0	0	0	129	143
4:00- 5:00 AM	0	0	0	198	204
5:00- 6:00 AM	0	0	0	578	454
6:00- 7:00 AM	0	0	0	1421	1051
7:00- 8:00 AM	0	0	0	2165	1607
8:00- 9:00 AM	0	0	0	1638	1543
9:00-10:00 AM	0	0	0	1376	0
10:00-11:00 AM	0	0	1040	1177	0
11:00-12:00 PM	0	0	1086	1281	0
12:00- 1:00 PM	0	0	1121	1343	0
1:00- 2:00 PM	0	0	1076	1275	0
2:00- 3:00 PM	0	0	1053	1319	0
3:00- 4:00 PM	0	0	1271	1436	0
4:00- 5:00 PM	0	0	1434	1625	0
5:00- 6:00 PM	0	0	1517	1622	0
6:00- 7:00 PM	0	0	1151	1164	0
7:00- 8:00 PM	0	0	704	984	0
8:00- 9:00 PM	0	0	654	926	0
9:00-10:00 PM	0	0	573	653	0
10:00-11:00 PM	0	0	418	494	0
11:00-12:00 AM	0	0	237	383	0
TOTALS	0	0	13335	23668	5463

WEATHER: F F F F F
(F)air
(R)ain
(S)now
(H)oliday

REMARKS:

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
24-HOUR TRAFFIC COUNT RECORD

COUNTY: CHESTER
MUNICIPALITY: THORNBURY

ROAD COUNTED ON: TR 926 STREET RD
BETWEEN: TR 202/TR 322 & TOWER COURSE DR
DIRECTION: BOTH

RECORDER NO: 13833
SET BY: RS
DATE: 09/04/91
DAY MACHINE SET: WED

COUNTS

DAY: DATE:	MON.	TUES.	WED. 09/04	THURS. 09/05	FRI. 09/06
12:00- 1:00 AM	0	0	0	50	68
1:00- 2:00 AM	0	0	0	20	27
2:00- 3:00 AM	0	0	0	12	25
3:00- 4:00 AM	0	0	0	6	14
4:00- 5:00 AM	0	0	0	13	14
5:00- 6:00 AM	0	0	0	62	61
6:00- 7:00 AM	0	0	0	323	342
7:00- 8:00 AM	0	0	0	828	786
8:00- 9:00 AM	0	0	0	760	739
9:00-10:00 AM	0	0	0	597	0
10:00-11:00 AM	0	0	563	585	0
11:00-12:00 PM	0	0	609	608	0
12:00- 1:00 PM	0	0	643	601	0
1:00- 2:00 PM	0	0	572	587	0
2:00- 3:00 PM	0	0	686	679	0
3:00- 4:00 PM	0	0	779	853	0
4:00- 5:00 PM	0	0	916	938	0
5:00- 6:00 PM	0	0	984	1035	0
6:00- 7:00 PM	0	0	714	790	0
7:00- 8:00 PM	0	0	638	682	0
8:00- 9:00 PM	0	0	390	499	0
9:00-10:00 PM	0	0	354	387	0
10:00-11:00 PM	0	0	166	194	0
11:00-12:00 AM	0	0	101	113	0
TOTALS	0	0	8115	11222	2076

WEATHER: F F F F F
(F)air
(R)ain
(S)now
(H)oliday

REMARKS:

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
24-HOUR TRAFFIC COUNT RECORD

COUNTY: CHESTER
MUNICIPALITY: THORNBURY

ROAD COUNTED ON: TR 926 STREET RD
BETWEEN: TR 202/TR 322 & NEW STREET RD SOUTH
DIRECTION: BOTH

RECORDER NO: 13846
SET BY: RS
DATE: 09/04/91
DAY MACHINE SET: WED

COUNTS

DAY: DATE:	MON.	TUES.	WED. 09/04	THURS. 09/05	FRI. 09/06
12:00- 1:00 AM	0	0	0	37	58
1:00- 2:00 AM	0	0	0	17	22
2:00- 3:00 AM	0	0	0	12	18
3:00- 4:00 AM	0	0	0	17	20
4:00- 5:00 AM	0	0	0	37	39
5:00- 6:00 AM	0	0	0	130	131
6:00- 7:00 AM	0	0	0	512	506
7:00- 8:00 AM	0	0	0	850	886
8:00- 9:00 AM	0	0	0	798	816
9:00-10:00 AM	0	0	0	550	0
10:00-11:00 AM	0	0	521	512	0
11:00-12:00 PM	0	0	531	513	0
12:00- 1:00 PM	0	0	506	530	0
1:00- 2:00 PM	0	0	535	526	0
2:00- 3:00 PM	0	0	626	552	0
3:00- 4:00 PM	0	0	831	784	0
4:00- 5:00 PM	0	0	881	914	0
5:00- 6:00 PM	0	0	962	973	0
6:00- 7:00 PM	0	0	737	723	0
7:00- 8:00 PM	0	0	499	534	0
8:00- 9:00 PM	0	0	310	393	0
9:00-10:00 PM	0	0	291	291	0
10:00-11:00 PM	0	0	151	165	0
11:00-12:00 AM	0	0	105	89	0
TOTALS	0	0	7486	10459	2496

WEATHER: F F F F F
(F)air
(R)ain
(S)now
(H)oliday

REMARKS:

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
24-HOUR TRAFFIC COUNT RECORD

COUNTY: CHESTER
MUNICIPALITY: WESTTOWN

ROAD COUNTED ON: TR 202/TR 322 WILM PIKE NB
BETWEEN: TR 926 STREET RD & PIEDMONT RD
DIRECTION: NORTH

RECORDER NO: 9135
SET BY: RS
DATE: 9/04/91
DAY MACHINE SET: WED

COUNTS

DAY: DATE:	MON.	TUES.	WED. 09/04	THURS. 09/05	FRI. 09/06
12:00- 1:00 AM	0	0	0	212	231
1:00- 2:00 AM	0	0	0	185	185
2:00- 3:00 AM	0	0	0	118	176
3:00- 4:00 AM	0	0	0	144	177
4:00- 5:00 AM	0	0	0	217	252
5:00- 6:00 AM	0	0	0	558	535
6:00- 7:00 AM	0	0	0	1313	1266
7:00- 8:00 AM	0	0	0	2075	1863
8:00- 9:00 AM	0	0	0	1790	1830
9:00-10:00 AM	0	0	0	1563	0
10:00-11:00 AM	0	0	1399	1367	0
11:00-12:00 PM	0	0	1449	1414	0
12:00- 1:00 PM	0	0	1400	1448	0
1:00- 2:00 PM	0	0	1428	1392	0
2:00- 3:00 PM	0	0	1408	1488	0
3:00- 4:00 PM	0	0	1729	1781	0
4:00- 5:00 PM	0	0	1957	2019	0
5:00- 6:00 PM	0	0	2105	2115	0
6:00- 7:00 PM	0	0	1624	1585	0
7:00- 8:00 PM	0	0	1105	1223	0
8:00- 9:00 PM	0	0	834	975	0
9:00-10:00 PM	0	0	742	740	0
10:00-11:00 PM	0	0	537	523	0
11:00-12:00 AM	0	0	297	397	0
TOTALS	0	0	18014	26642	6515

WEATHER: F F F F F
(F)air
(R)ain
(S)now
(H)oliday

REMARKS:

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
24-HOUR TRAFFIC COUNT RECORD

COUNTY: CHESTER
MUNICIPALITY: WESTTOWN

ROAD COUNTED ON: TR 202/TR 322 WILM PIKE SB
BETWEEN: TR 926 STREET RD & PIEDMONT RD
DIRECTION: SOUTH

RECORDER NO: 9135
SET BY: RS
DATE: 9/04/91
DAY MACHINE SET: WED

COUNTS

DAY: DATE:	MON.	TUES.	WED. 09/04	THURS. 09/05	FRI. 09/06
12:00- 1:00 AM	0	0	0	270	265
1:00- 2:00 AM	0	0	0	148	196
2:00- 3:00 AM	0	0	0	113	143
3:00- 4:00 AM	0	0	0	142	118
4:00- 5:00 AM	0	0	0	217	228
5:00- 6:00 AM	0	0	0	460	458
6:00- 7:00 AM	0	0	0	1088	1185
7:00- 8:00 AM	0	0	0	1921	1955
8:00- 9:00 AM	0	0	0	1958	1819
9:00-10:00 AM	0	0	0	1523	0
10:00-11:00 AM	0	0	1346	1429	0
11:00-12:00 PM	0	0	1386	1484	0
12:00- 1:00 PM	0	0	1412	1433	0
1:00- 2:00 PM	0	0	1431	1489	0
2:00- 3:00 PM	0	0	1446	1544	0
3:00- 4:00 PM	0	0	1723	1661	0
4:00- 5:00 PM	0	0	1870	1981	0
5:00- 6:00 PM	0	0	1975	1991	0
6:00- 7:00 PM	0	0	1603	1593	0
7:00- 8:00 PM	0	0	1176	1174	0
8:00- 9:00 PM	0	0	830	959	0
9:00-10:00 PM	0	0	826	828	0
10:00-11:00 PM	0	0	645	611	0
11:00-12:00 AM	0	0	409	436	0
TOTALS	0	0	18078	26453	6367

WEATHER: F F F F F
(F)air
(R)ain
(S)now
(H)oliday

REMARKS:

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
24-HOUR TRAFFIC COUNT RECORD

COUNTY: CHESTER
MUNICIPALITY: WESTTOWN

ROAD COUNTED ON: CONCORD RD
BETWEEN: OAKLEA LA & PLEASANT GROVE RD
DIRECTION: BOTH

RECORDER NO: 13661
SET BY: RS
DATE: 09/04/91
DAY MACHINE SET: WED

COUNTS

DAY: DATE:	MON.	TUES.	WED. 09/04	THURS. 09/05	FRI. 09/06
12:00- 1:00 AM	0	0	0	15	17
1:00- 2:00 AM	0	0	0	8	8
2:00- 3:00 AM	0	0	0	5	13
3:00- 4:00 AM	0	0	0	4	1
4:00- 5:00 AM	0	0	0	6	8
5:00- 6:00 AM	0	0	0	35	27
6:00- 7:00 AM	0	0	0	142	125
7:00- 8:00 AM	0	0	0	413	389
8:00- 9:00 AM	0	0	0	305	311
9:00-10:00 AM	0	0	0	170	0
10:00-11:00 AM	0	0	0	141	0
11:00-12:00 PM	0	0	176	158	0
12:00- 1:00 PM	0	0	187	185	0
1:00- 2:00 PM	0	0	191	170	0
2:00- 3:00 PM	0	0	179	217	0
3:00- 4:00 PM	0	0	262	304	0
4:00- 5:00 PM	0	0	369	399	0
5:00- 6:00 PM	0	0	415	458	0
6:00- 7:00 PM	0	0	241	305	0
7:00- 8:00 PM	0	0	151	207	0
8:00- 9:00 PM	0	0	112	122	0
9:00-10:00 PM	0	0	90	103	0
10:00-11:00 PM	0	0	52	42	0
11:00-12:00 AM	0	0	27	30	0
TOTALS	0	0	2452	3944	899

WEATHER: F F F F F
(F)air
(R)ain
(S)now
(H)oliday

REMARKS:

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
24-HOUR TRAFFIC COUNT RECORD

COUNTY: CHESTER
MUNICIPALITY: WESTTOWN

ROAD COUNTED ON: PLEASANT GROVE RD WEST
BETWEEN: TR 202/TR 322 & NEW STREET S
DIRECTION: BOTH

RECORDER NO: 12398
SET BY: AC
DATE: 09/16/91
DAY MACHINE SET: MON

COUNTS

DAY: DATE:	MON. 09/16	TUES. 09/17	WED. 09/18	THURS.	FRI.
12:00- 1:00 AM	0	0	7	4	0
1:00- 2:00 AM	0	0	0	2	0
2:00- 3:00 AM	0	0	1	2	0
3:00- 4:00 AM	0	0	3	2	0
4:00- 5:00 AM	0	0	1	2	0
5:00- 6:00 AM	0	0	12	9	0
6:00- 7:00 AM	0	0	31	31	0
7:00- 8:00 AM	0	93	87	74	0
8:00- 9:00 AM	0	70	79	76	0
9:00-10:00 AM	0	55	46	0	0
10:00-11:00 AM	0	40	28	0	0
11:00-12:00 PM	0	49	55	0	0
12:00- 1:00 PM	0	49	40	0	0
1:00- 2:00 PM	0	44	48	0	0
2:00- 3:00 PM	0	57	57	0	0
3:00- 4:00 PM	0	71	77	0	0
4:00- 5:00 PM	0	83	72	0	0
5:00- 6:00 PM	0	127	122	0	0
6:00- 7:00 PM	0	86	90	0	0
7:00- 8:00 PM	0	62	57	0	0
8:00- 9:00 PM	0	40	43	0	0
9:00-10:00 PM	0	54	25	0	0
10:00-11:00 PM	0	22	26	0	0
11:00-12:00 AM	0	10	11	0	0
TOTALS	0	1012	1018	202	0

WEATHER: F F F F F
(F)air
(R)ain
(S)now
(H)oliday

REMARKS:

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
24-HOUR TRAFFIC COUNT RECORD

COUNTY: CHESTER
MUNICIPALITY: WESTTOWN

ROAD COUNTED ON: PLEASANT GROVE RD EAST
BETWEEN: TR 202/TR 322 & WESTWOOD DR
DIRECTION: BOTH

RECORDER NO: 5362
SET BY: RS
DATE: 11/19/91
DAY MACHINE SET: TUE

COUNTS

DAY: DATE:	MON.	TUES. 11/19	WED. 11/20	THURS. 11/21	FRI.
12:00- 1:00 AM	0	0	3	8	0
1:00- 2:00 AM	0	0	1	3	0
2:00- 3:00 AM	0	0	0	3	0
3:00- 4:00 AM	0	0	2	3	0
4:00- 5:00 AM	0	0	2	4	0
5:00- 6:00 AM	0	0	10	5	0
6:00- 7:00 AM	0	0	16	18	0
7:00- 8:00 AM	0	0	71	58	0
8:00- 9:00 AM	0	0	103	56	0
9:00-10:00 AM	0	0	41	44	0
10:00-11:00 AM	0	0	34	39	0
11:00-12:00 PM	0	57	51	59	0
12:00- 1:00 PM	0	55	53	0	0
1:00- 2:00 PM	0	60	43	0	0
2:00- 3:00 PM	0	73	61	0	0
3:00- 4:00 PM	0	96	97	0	0
4:00- 5:00 PM	0	206	199	0	0
5:00- 6:00 PM	0	142	130	0	0
6:00- 7:00 PM	0	147	129	0	0
7:00- 8:00 PM	0	87	67	0	0
8:00- 9:00 PM	0	59	71	0	0
9:00-10:00 PM	0	53	70	0	0
10:00-11:00 PM	0	28	23	0	0
11:00-12:00 AM	0	12	7	0	0
TOTALS	0	1075	1284	300	0

WEATHER: F F F F F
(F)air
(R)ain
(S)now
(H)oliday

REMARKS:

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
24-HOUR TRAFFIC COUNT RECORD

COUNTY: CHESTER
MUNICIPALITY: WESTTOWN

ROAD COUNTED ON: TR 202/TR 322 WILM PIKE NB
BETWEEN: WESTVIEW DR & PLEASANT GROVE RD
DIRECTION: NORTH

RECORDER NO: 9137
SET BY: AC
DATE: 9/16/91
DAY MACHINE SET: MON

COUNTS

DAY: DATE:	MON. 09/16	TUES. 09/17	WED. 09/18	THURS.	FRI.
12:00- 1:00 AM	0	258	213	0	0
1:00- 2:00 AM	0	144	174	0	0
2:00- 3:00 AM	0	113	117	0	0
3:00- 4:00 AM	0	117	147	0	0
4:00- 5:00 AM	0	177	140	0	0
5:00- 6:00 AM	0	480	331	0	0
6:00- 7:00 AM	0	1155	970	0	0
7:00- 8:00 AM	0	2029	1741	0	0
8:00- 9:00 AM	0	1956	1669	0	0
9:00-10:00 AM	1123	1566	1285	0	0
10:00-11:00 AM	1391	1434	0	0	0
11:00-12:00 PM	1363	1407	0	0	0
12:00- 1:00 PM	1344	1487	0	0	0
1:00- 2:00 PM	1331	1566	0	0	0
2:00- 3:00 PM	1492	1594	0	0	0
3:00- 4:00 PM	1669	1884	0	0	0
4:00- 5:00 PM	1721	2028	0	0	0
5:00- 6:00 PM	1745	2076	0	0	0
6:00- 7:00 PM	1510	1698	0	0	0
7:00- 8:00 PM	967	1013	0	0	0
8:00- 9:00 PM	790	721	0	0	0
9:00-10:00 PM	755	687	0	0	0
10:00-11:00 PM	548	562	0	0	0
11:00-12:00 AM	420	404	0	0	0
TOTALS	18169	26556	6787	0	0

WEATHER: F F F F F
(F)air
(R)ain
(S)now
(H)oliday

REMARKS:

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
24-HOUR TRAFFIC COUNT RECORD

COUNTY: CHESTER
MUNICIPALITY: WESTTOWN

ROAD COUNTED ON: TR 202/TR 322 WILM PIKE SB
BETWEEN: WESTVIEW DR & PLEASANT GROVE RD
DIRECTION: SOUTH

RECORDER NO: 9137
SET BY: AC
DATE: 9/16/91
DAY MACHINE SET: MON

COUNTS

DAY: DATE:	MON. 09/16	TUES. 09/17	WED. 09/18	THURS.	FRI.
12:00- 1:00 AM	0	243	221	0	0
1:00- 2:00 AM	0	160	160	0	0
2:00- 3:00 AM	0	129	143	0	0
3:00- 4:00 AM	0	140	187	0	0
4:00- 5:00 AM	0	241	218	0	0
5:00- 6:00 AM	0	532	537	0	0
6:00- 7:00 AM	0	1382	1350	0	0
7:00- 8:00 AM	0	2169	2154	0	0
8:00- 9:00 AM	0	1889	1850	0	0
9:00-10:00 AM	1532	1564	1595	0	0
10:00-11:00 AM	1515	1442	0	0	0
11:00-12:00 PM	1494	1436	0	0	0
12:00- 1:00 PM	1545	1429	0	0	0
1:00- 2:00 PM	1458	1433	0	0	0
2:00- 3:00 PM	1499	1453	0	0	0
3:00- 4:00 PM	1741	1811	0	0	0
4:00- 5:00 PM	2014	1947	0	0	0
5:00- 6:00 PM	2065	2271	0	0	0
6:00- 7:00 PM	1689	1644	0	0	0
7:00- 8:00 PM	1291	1113	0	0	0
8:00- 9:00 PM	793	803	0	0	0
9:00-10:00 PM	710	718	0	0	0
10:00-11:00 PM	527	531	0	0	0
11:00-12:00 AM	352	384	0	0	0
TOTALS	20225	26864	8415	0	0

WEATHER: F F F F F
(F)air
(R)ain
(S)now
(H)oliday

REMARKS:

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
24-HOUR TRAFFIC COUNT RECORD

COUNTY: CHESTER
MUNICIPALITY: WESTTOWN

ROAD COUNTED ON: OAKBOURNE RD
BETWEEN: TR 202/TR 322 & GOODWIN LN
DIRECTION: BOTH

RECORDER NO: 7303
SET BY: AC
DATE: 09/16/91
DAY MACHINE SET: MON

COUNTS

DAY: DATE:	MON. 09/16	TUES. 09/17	WED. 09/18	THURS.	FRI.
12:00- 1:00 AM	0	2	0	0	0
1:00- 2:00 AM	0	0	2	0	0
2:00- 3:00 AM	0	0	1	0	0
3:00- 4:00 AM	0	1	0	0	0
4:00- 5:00 AM	0	0	0	0	0
5:00- 6:00 AM	0	3	3	0	0
6:00- 7:00 AM	0	6	2	0	0
7:00- 8:00 AM	0	11	8	0	0
8:00- 9:00 AM	18	14	18	0	0
9:00-10:00 AM	6	12	13	0	0
10:00-11:00 AM	7	13	9	0	0
11:00-12:00 PM	7	18	0	0	0
12:00- 1:00 PM	13	14	0	0	0
1:00- 2:00 PM	8	13	0	0	0
2:00- 3:00 PM	11	15	0	0	0
3:00- 4:00 PM	12	9	0	0	0
4:00- 5:00 PM	14	21	0	0	0
5:00- 6:00 PM	15	15	0	0	0
6:00- 7:00 PM	24	21	0	0	0
7:00- 8:00 PM	12	12	0	0	0
8:00- 9:00 PM	7	3	0	0	0
9:00-10:00 PM	7	6	0	0	0
10:00-11:00 PM	6	2	0	0	0
11:00-12:00 AM	2	4	0	0	0
TOTALS	169	215	56	0	0

WEATHER: F F F F F
(F)air
(R)ain
(S)now
(H)oliday

REMARKS:

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
24-HOUR TRAFFIC COUNT RECORD

COUNTY: CHESTER
MUNICIPALITY: WESTTOWN

ROAD COUNTED ON: NEW STREET
BETWEEN: SPRING LINE DR & TIGUE RD
DIRECTION: BOTH

RECORDER NO: 12398
SET BY: AC
DATE: 09/18/91
DAY MACHINE SET: WED

COUNTS

DAY: DATE:	MON.	TUES.	WED. 09/18	THURS. 09/19	FRI. 09/20
12:00- 1:00 AM	0	0		11	5
1:00- 2:00 AM	0	0		7	7
2:00- 3:00 AM	0	0	0	1	1
3:00- 4:00 AM	0	0	0	3	1
4:00- 5:00 AM	0	0	0	2	1
5:00- 6:00 AM	0	0	0	11	10
6:00- 7:00 AM	0	0	0	65	56
7:00- 8:00 AM	0	0	0	263	265
8:00- 9:00 AM	0	0	0	199	0
9:00-10:00 AM	0	0	0	172	0
10:00-11:00 AM	0	0	0	137	0
11:00-12:00 PM	0	0	154	125	0
12:00- 1:00 PM	0	0	140	144	0
1:00- 2:00 PM	0	0	142	138	0
2:00- 3:00 PM	0	0	175	168	0
3:00- 4:00 PM	0	0	234	199	0
4:00- 5:00 PM	0	0	257	233	0
5:00- 6:00 PM	0	0	282	242	0
6:00- 7:00 PM	0	0	246	183	0
7:00- 8:00 PM	0	0	137	128	0
8:00- 9:00 PM	0	0	98	56	0
9:00-10:00 PM	0	0	73	78	0
10:00-11:00 PM	0	0	45	41	0
11:00-12:00 AM	0	0	14	20	0
TOTALS	0	0	1997	2626	346

WEATHER: F F F F F
(F)air
(R)ain
(S)now
(H)oliday

REMARKS:

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
24-HOUR TRAFFIC COUNT RECORD

COUNTY: CHESTER
MUNICIPALITY: WEST GOSHEN

ROAD COUNTED ON: TR 322 BUSINESS SB
BETWEEN: SPRUCE AVE & YORKTOWN AVE
DIRECTION: SOUTH

RECORDER NO: 13825
SET BY: AC
DATE: 9/9/91
DAY MACHINE SET: MON

COUNTS

DAY: DATE:	MON. 09/09	TUES. 09/10	WED. 09/11	THURS.	FRI.
12:00- 1:00 AM	0	54	61	0	0
1:00- 2:00 AM	0	22	25	0	0
2:00- 3:00 AM	0	8	19	0	0
3:00- 4:00 AM	0	16	17	0	0
4:00- 5:00 AM	0	20	22	0	0
5:00- 6:00 AM	0	78	73	0	0
6:00- 7:00 AM	0	312	285	0	0
7:00- 8:00 AM	0	619	633	0	0
8:00- 9:00 AM	0	486	507	0	0
9:00-10:00 AM	0	466	0	0	0
10:00-11:00 AM	453	444	0	0	0
11:00-12:00 PM	496	552	0	0	0
12:00- 1:00 PM	635	619	0	0	0
1:00- 2:00 PM	603	572	0	0	0
2:00- 3:00 PM	688	610	0	0	0
3:00- 4:00 PM	649	641	0	0	0
4:00- 5:00 PM	753	778	0	0	0
5:00- 6:00 PM	698	744	0	0	0
6:00- 7:00 PM	589	610	0	0	0
7:00- 8:00 PM	508	564	0	0	0
8:00- 9:00 PM	391	374	0	0	0
9:00-10:00 PM	406	396	0	0	0
10:00-11:00 PM	214	214	0	0	0
11:00-12:00 AM	111	102	0	0	0
TOTALS	7194	9301	1642	0	0

WEATHER: F F F F F
(F)air
(R)ain
(S)now
(H)oliday

REMARKS:

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
24-HOUR TRAFFIC COUNT RECORD

COUNTY: CHESTER
MUNICIPALITY: WEST GOSHEN

ROAD COUNTED ON: TR 322 BUSINESS NB
BETWEEN: SPRUCE AVE & YORKTOWN AVE
DIRECTION: NORTH

RECORDER NO: 63333
SET BY: AC
DATE: 9/11/91
DAY MACHINE SET: WED

COUNTS

DAY: DATE:	MON.	TUES.	WED. 09/11	THURS. 09/12	FRI. 09/13
12:00- 1:00 AM	0	0	0	123	94
1:00- 2:00 AM	0	0	0	49	49
2:00- 3:00 AM	0	0	0	24	33
3:00- 4:00 AM	0	0	0	7	15
4:00- 5:00 AM	0	0	0	15	16
5:00- 6:00 AM	0	0	0	52	45
6:00- 7:00 AM	0	0	0	183	198
7:00- 8:00 AM	0	0	0	596	0
8:00- 9:00 AM	0	0	0	508	0
9:00-10:00 AM	0	0	0	479	0
10:00-11:00 AM	0	0	460	468	0
11:00-12:00 PM	0	0	528	463	0
12:00- 1:00 PM	0	0	552	640	0
1:00- 2:00 PM	0	0	517	598	0
2:00- 3:00 PM	0	0	554	570	0
3:00- 4:00 PM	0	0	646	642	0
4:00- 5:00 PM	0	0	655	702	0
5:00- 6:00 PM	0	0	711	690	0
6:00- 7:00 PM	0	0	644	645	0
7:00- 8:00 PM	0	0	581	486	0
8:00- 9:00 PM	0	0	374	422	0
9:00-10:00 PM	0	0	355	358	0
10:00-11:00 PM	0	0	238	256	0
11:00-12:00 AM	0	0	176	192	0
TOTALS	0	0	6991	9168	450

WEATHER: F F F F F
(F)air
(R)ain
(S)now
(H)oliday

REMARKS:

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
24-HOUR TRAFFIC COUNT RECORD

COUNTY: CHESTER
MUNICIPALITY: WEST GOSHEN

ROAD COUNTED ON: TR 202/TR 322 WEST CHESTER BYPASS NB
BETWEEN: BYPASS ON-RAMP & MATLACK STREET
DIRECTION: NORTH

RECORDER NO: 9153
SET BY: AC
DATE: 9/11/91
DAY MACHINE SET: WED

COUNTS

DAY: DATE:	MON.	TUES.	WED. 09/11	THURS. 09/12	FRI. 09/13
12:00- 1:00 AM	0	0	0	259	242
1:00- 2:00 AM	0	0	0	126	155
2:00- 3:00 AM	0	0	0	119	135
3:00- 4:00 AM	0	0	0	151	123
4:00- 5:00 AM	0	0	0	179	202
5:00- 6:00 AM	0	0	0	433	464
6:00- 7:00 AM	0	0	0	1044	1093
7:00- 8:00 AM	0	0	0	1938	0
8:00- 9:00 AM	0	0	1835	1822	0
9:00-10:00 AM	0	0	1338	1282	0
10:00-11:00 AM	0	0	1209	1316	0
11:00-12:00 PM	0	0	1219	1310	0
12:00- 1:00 PM	0	0	1383	1374	0
1:00- 2:00 PM	0	0	1366	1447	0
2:00- 3:00 PM	0	0	1477	1431	0
3:00- 4:00 PM	0	0	1609	1650	0
4:00- 5:00 PM	0	0	1701	1729	0
5:00- 6:00 PM	0	0	1723	1822	0
6:00- 7:00 PM	0	0	1460	1427	0
7:00- 8:00 PM	0	0	1055	1098	0
8:00- 9:00 PM	0	0	841	835	0
9:00-10:00 PM	0	0	762	782	0
10:00-11:00 PM	0	0	527	616	0
11:00-12:00 AM	0	0	452	428	0
TOTALS	0	0	19957	24618	2414

WEATHER: F F F F F
(F)air
(R)ain
(S)now
(H)oliday

REMARKS:

US 202 TRAFFIC ANALYSIS FOR SECTION 100 - Delaware State Line to Matlack Street

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
24-HOUR TRAFFIC COUNT RECORD

COUNTY: CHESTER
MUNICIPALITY: WEST GOSHEN

ROAD COUNTED ON: TR 202/TR 322 WEST CHESTER BYPASS SB
BETWEEN: BYPASS ON-RAMP & MATLACK STREET
DIRECTION: SOUTH

RECORDER NO: 9153
SET BY: AC
DATE: 9/11/91
DAY MACHINE SET: WED

COUNTS

DAY: DATE:	MON.	TUES.	WED. 09/11	THURS. 09/12	FRI. 09/13
12:00- 1:00 AM	0	0	0	216	238
1:00- 2:00 AM	0	0	0	163	175
2:00- 3:00 AM	0	0	0	165	135
3:00- 4:00 AM	0	0	0	128	127
4:00- 5:00 AM	0	0	0	232	267
5:00- 6:00 AM	0	0	0	458	490
6:00- 7:00 AM	0	0	0	1202	1146
7:00- 8:00 AM	0	0	0	1835	0
8:00- 9:00 AM	0	0	1773	1763	0
9:00-10:00 AM	0	0	1439	1517	0
10:00-11:00 AM	0	0	1337	1462	0
11:00-12:00 PM	0	0	1327	1554	0
12:00- 1:00 PM	0	0	1386	1526	0
1:00- 2:00 PM	0	0	1341	1424	0
2:00- 3:00 PM	0	0	1399	1484	0
3:00- 4:00 PM	0	0	1693	1641	0
4:00- 5:00 PM	0	0	1875	1923	0
5:00- 6:00 PM	0	0	1981	2182	0
6:00- 7:00 PM	0	0	1550	1621	0
7:00- 8:00 PM	0	0	980	1105	0
8:00- 9:00 PM	0	0	767	842	0
9:00-10:00 PM	0	0	677	700	0
10:00-11:00 PM	0	0	447	452	0
11:00-12:00 AM	0	0	315	300	0
TOTALS	0	0	20287	25895	2578

WEATHER: F F F F F
(F)air
(R)ain
(S)now
(H)oliday

REMARKS:

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
24-HOUR TRAFFIC COUNT RECORD

COUNTY: CHESTER
MUNICIPALITY: WEST GOSHEN

ROAD COUNTED ON: MATLACK ST
BETWEEN: W CHESTER BYPASS & SNYDER AVE
DIRECTION: BOTH

RECORDER NO: 5362
SET BY: AC
DATE: 9/11/91
DAY MACHINE SET: WED

COUNTS

DAY: DATE:	MON.	TUES.	WED. 09/11	THURS. 09/12	FRI. 09/13
12:00- 1:00 AM	0	0	0	71	89
1:00- 2:00 AM	0	0	0	27	49
2:00- 3:00 AM	0	0	0	20	24
3:00- 4:00 AM	0	0	0	17	24
4:00- 5:00 AM	0	0	0	19	15
5:00- 6:00 AM	0	0	0	48	51
6:00- 7:00 AM	0	0	0	180	177
7:00- 8:00 AM	0	0	0	692	614
8:00- 9:00 AM	0	0	0	634	0
9:00-10:00 AM	0	0	500	553	0
10:00-11:00 AM	0	0	513	510	0
11:00-12:00 PM	0	0	521	492	0
12:00- 1:00 PM	0	0	618	611	0
1:00- 2:00 PM	0	0	567	619	0
2:00- 3:00 PM	0	0	582	486	0
3:00- 4:00 PM	0	0	628	709	0
4:00- 5:00 PM	0	0	725	762	0
5:00- 6:00 PM	0	0	842	821	0
6:00- 7:00 PM	0	0	677	623	0
7:00- 8:00 PM	0	0	563	466	0
8:00- 9:00 PM	0	0	314	286	0
9:00-10:00 PM	0	0	278	276	0
10:00-11:00 PM	0	0	156	200	0
11:00-12:00 AM	0	0	104	114	0
TOTALS	0	0	7588	9236	1043

WEATHER: F F F F F
(F)air
(R)ain
(S)now
(H)oliday

REMARKS:

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
24-HOUR TRAFFIC COUNT RECORD

COUNTY: CHESTER
MUNICIPALITY: WEST GOSHEN

ROAD COUNTED ON: MATLACK ST
BETWEEN: W CHESTER BYPASS & LARCHWOOD RD
DIRECTION: BOTH

RECORDER NO: 7303
SET BY: AC
DATE: 9/11/91
DAY MACHINE SET: WED

COUNTS

DAY: DATE:	MON.	TUES.	WED. 09/11	THURS. 09/12	FRI. 09/13
12:00- 1:00 AM	0	0	0	40	54
1:00- 2:00 AM	0	0	0	18	15
2:00- 3:00 AM	0	0	0	11	3
3:00- 4:00 AM	0	0	0	6	5
4:00- 5:00 AM	0	0	0	11	16
5:00- 6:00 AM	0	0	0	41	44
6:00- 7:00 AM	0	0	0	263	58
7:00- 8:00 AM	0	0	0	746	0
8:00- 9:00 AM	0	0	0	694	0
9:00-10:00 AM	0	0	387	399	0
10:00-11:00 AM	0	0	309	361	0
11:00-12:00 PM	0	0	400	474	0
12:00- 1:00 PM	0	0	515	524	0
1:00- 2:00 PM	0	0	433	472	0
2:00- 3:00 PM	0	0	434	430	0
3:00- 4:00 PM	0	0	579	623	0
4:00- 5:00 PM	0	0	671	712	0
5:00- 6:00 PM	0	0	755	733	0
6:00- 7:00 PM	0	0	491	472	0
7:00- 8:00 PM	0	0	370	407	0
8:00- 9:00 PM	0	0	222	205	0
9:00-10:00 PM	0	0	172	163	0
10:00-11:00 PM	0	0	87	89	0
11:00-12:00 AM	0	0	42	53	0
TOTALS	0	0	5867	7947	195

WEATHER: F F F F F
(F)air
(R)ain
(S)now
(H)oliday

REMARKS:

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
24-HOUR TRAFFIC COUNT RECORD

COUNTY: CHESTER
MUNICIPALITY: WEST GOSHEN

ROAD COUNTED ON: TR 202/TR 322 WEST CHESTER BYPASS NB
BETWEEN: WESTTOWN RD & MATLACK ST
DIRECTION: NORTH

RECORDER NO: 9137
SET BY: AC
DATE: 9/11/91
DAY MACHINE SET: WED

COUNTS

DAY: DATE:	MON.	TUES.	WED. 09/11	THURS. 09/12	FRI. 09/13
12:00- 1:00 AM	0	0	0	301	289
1:00- 2:00 AM	0	0	0	159	188
2:00- 3:00 AM	0	0	0	145	147
3:00- 4:00 AM	0	0	0	172	152
4:00- 5:00 AM	0	0	0	286	290
5:00- 6:00 AM	0	0	0	498	463
6:00- 7:00 AM	0	0	0	1186	1135
7:00- 8:00 AM	0	0	0	2191	2100
8:00- 9:00 AM	0	0	0	1997	0
9:00-10:00 AM	0	0	1050	1499	0
10:00-11:00 AM	0	0	1428	1478	0
11:00-12:00 PM	0	0	1472	1476	0
12:00- 1:00 PM	0	0	1542	1589	0
1:00- 2:00 PM	0	0	1588	1624	0
2:00- 3:00 PM	0	0	1651	1686	0
3:00- 4:00 PM	0	0	1898	1977	0
4:00- 5:00 PM	0	0	1854	1989	0
5:00- 6:00 PM	0	0	2042	2178	0
6:00- 7:00 PM	0	0	1671	1680	0
7:00- 8:00 PM	0	0	1343	1366	0
8:00- 9:00 PM	0	0	898	991	0
9:00-10:00 PM	0	0	859	893	0
10:00-11:00 PM	0	0	616	784	0
11:00-12:00 AM	0	0	474	497	0
TOTALS	0	0	20386	28642	4764

WEATHER: F F F F F
(F)air
(R)ain
(S)now
(H)oliday

REMARKS:

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
24-HOUR TRAFFIC COUNT RECORD

COUNTY: CHESTER
MUNICIPALITY: WEST GOSHEN

ROAD COUNTED ON: TR 202/TR 322 WEST CHESTER BYPASS SB
BETWEEN: WESTTOWN RD & MATLACK ST
DIRECTION: SOUTH

RECORDER NO: 9137
SET BY: AC
DATE: 9/11/91
DAY MACHINE SET: WED

COUNTS

DAY: DATE:	MON.	TUES.	WED. 09/11	THURS. 09/12	FRI. 09/13
12:00- 1:00 AM	0	0	0	247	278
1:00- 2:00 AM	0	0	0	175	176
2:00- 3:00 AM	0	0	0	171	135
3:00- 4:00 AM	0	0	0	130	138
4:00- 5:00 AM	0	0	0	249	269
5:00- 6:00 AM	0	0	0	476	521
6:00- 7:00 AM	0	0	0	1307	1253
7:00- 8:00 AM	0	0	0	2240	2232
8:00- 9:00 AM	0	0	0	2056	0
9:00-10:00 AM	0	0	1218	1805	0
10:00-11:00 AM	0	0	1533	1688	0
11:00-12:00 PM	0	0	1518	1754	0
12:00- 1:00 PM	0	0	1586	1749	0
1:00- 2:00 PM	0	0	1517	1693	0
2:00- 3:00 PM	0	0	1594	1675	0
3:00- 4:00 PM	0	0	1944	1961	0
4:00- 5:00 PM	0	0	2211	2213	0
5:00- 6:00 PM	0	0	2423	2562	0
6:00- 7:00 PM	0	0	1899	1942	0
7:00- 8:00 PM	0	0	1242	1360	0
8:00- 9:00 PM	0	0	921	997	0
9:00-10:00 PM	0	0	793	806	0
10:00-11:00 PM	0	0	514	518	0
11:00-12:00 AM	0	0	357	337	0
TOTALS	0	0	21270	30111	5002

WEATHER: F F F F F
(F)air
(R)ain
(S)now
(H)oliday

REMARKS:

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
24-HOUR TRAFFIC COUNT RECORD

COUNTY: DELAWARE
MUNICIPALITY: THORNBURY

ROAD COUNTED ON: BRINTON LAKE RD
BETWEEN: GLEN MILLS RD & LAKE RD
DIRECTION: BOTH

RECORDER NO: 13787
SET BY: AC
DATE: 9/9/91
DAY MACHINE SET: MON

COUNTS

DAY: DATE:	MON. 09/09	TUES. 09/10	WED. 09/11	THURS.	FRI.
12:00- 1:00 AM	0	17	21	0	0
1:00- 2:00 AM	0	4	5	0	0
2:00- 3:00 AM	0	3	2	0	0
3:00- 4:00 AM	0	3	2	0	0
4:00- 5:00 AM	0	5	4	0	0
5:00- 6:00 AM	0	35	32	0	0
6:00- 7:00 AM	0	191	179	0	0
7:00- 8:00 AM	0	601	540	0	0
8:00- 9:00 AM	0	340	343	0	0
9:00-10:00 AM	230	190	179	0	0
10:00-11:00 AM	140	117	0	0	0
11:00-12:00 PM	161	155	0	0	0
12:00- 1:00 PM	203	200	0	0	0
1:00- 2:00 PM	171	167	0	0	0
2:00- 3:00 PM	229	191	0	0	0
3:00- 4:00 PM	263	272	0	0	0
4:00- 5:00 PM	402	395	0	0	0
5:00- 6:00 PM	454	432	0	0	0
6:00- 7:00 PM	305	302	0	0	0
7:00- 8:00 PM	143	189	0	0	0
8:00- 9:00 PM	94	123	0	0	0
9:00-10:00 PM	78	83	0	0	0
10:00-11:00 PM	42	56	0	0	0
11:00-12:00 AM	25	34	0	0	0
TOTALS	2940	3905	1307	0	0

WEATHER: F F F F F
(F)air
(R)ain
(S)now
(H)oliday

REMARKS:

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
24-HOUR TRAFFIC COUNT RECORD

COUNTY: DELAWARE
MUNICIPALITY: BIRMINGHAM

ROAD COUNTED ON: TR 202/TR 322 WILM W CHESTER PIKE NB
BETWEEN: OAKLAND RD & DILWORTH TOWN RD
DIRECTION: NORTH

RECORDER NO: 9133
SET BY: AC
DATE: 9/09/91
DAY MACHINE SET: MON

COUNTS

DAY: DATE:	MON. 09/09	TUES. 09/10	WED. 09/11	THURS.	FRI.
12:00- 1:00 AM	0	219	228	0	0
1:00- 2:00 AM	0	137	169	0	0
2:00- 3:00 AM	0	130	150	0	0
3:00- 4:00 AM	0	93	115	0	0
4:00- 5:00 AM	0	169	185	0	0
5:00- 6:00 AM	0	442	443	0	0
6:00- 7:00 AM	0	945	984	0	0
7:00- 8:00 AM	0	1645	1693	0	0
8:00- 9:00 AM	0	1474	1484	0	0
9:00-10:00 AM	758	1137	1256	0	0
10:00-11:00 AM	1088	1152	0	0	0
11:00-12:00 PM	1205	1173	0	0	0
12:00- 1:00 PM	1273	1260	0	0	0
1:00- 2:00 PM	1327	1324	0	0	0
2:00- 3:00 PM	1299	1339	0	0	0
3:00- 4:00 PM	1498	1406	0	0	0
4:00- 5:00 PM	1758	1708	0	0	0
5:00- 6:00 PM	1713	1744	0	0	0
6:00- 7:00 PM	1471	1457	0	0	0
7:00- 8:00 PM	1027	1042	0	0	0
8:00- 9:00 PM	808	821	0	0	0
9:00-10:00 PM	672	779	0	0	0
10:00-11:00 PM	453	480	0	0	0
11:00-12:00 AM	341	350	0	0	0
TOTALS	16691	22426	6707	0	0

WEATHER: F F F F F
(F)air
(R)ain
(S)now
(H)oliday

REMARKS:

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
24-HOUR TRAFFIC COUNT RECORD

COUNTY: DELAWARE
MUNICIPALITY: BIRMINGHAM

ROAD COUNTED ON: TR 202/TR 322 WILM W CHESTER PIKE SB
BETWEEN: OAKLAND RD & DILWORTH TOWN RD
DIRECTION: SOUTH

RECORDER NO: 9133
SET BY: AC
DATE: 9/09/91
DAY MACHINE SET: MON

COUNTS

DAY: DATE:	MON. 09/09	TUES. 09/10	WED. 09/11	THURS.	FRI.
12:00- 1:00 AM	0	186	208	0	0
1:00- 2:00 AM	0	124	162	0	0
2:00- 3:00 AM	0	106	108	0	0
3:00- 4:00 AM	0	135	148	0	0
4:00- 5:00 AM	0	226	205	0	0
5:00- 6:00 AM	0	462	438	0	0
6:00- 7:00 AM	0	1206	1197	0	0
7:00- 8:00 AM	0	1770	1820	0	0
8:00- 9:00 AM	0	1612	1694	0	0
9:00-10:00 AM	1128	1359	1387	0	0
10:00-11:00 AM	1250	1169	0	0	0
11:00-12:00 PM	1201	1316	0	0	0
12:00- 1:00 PM	1300	1268	0	0	0
1:00- 2:00 PM	1261	1176	0	0	0
2:00- 3:00 PM	1233	1254	0	0	0
3:00- 4:00 PM	1369	1377	0	0	0
4:00- 5:00 PM	1434	1583	0	0	0
5:00- 6:00 PM	1653	1636	0	0	0
6:00- 7:00 PM	1209	1285	0	0	0
7:00- 8:00 PM	846	881	0	0	0
8:00- 9:00 PM	650	701	0	0	0
9:00-10:00 PM	569	634	0	0	0
10:00-11:00 PM	413	429	0	0	0
11:00-12:00 AM	282	270	0	0	0
TOTALS	15798	22165	7367	0	0

WEATHER: F F F F F
(F)air
(R)ain
(S)now
(H)oliday

REMARKS:

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
24-HOUR TRAFFIC COUNT RECORD

COUNTY: DELAWARE
MUNICIPALITY: BIRMINGHAM

ROAD COUNTED ON: OAKLAND RD
BETWEEN: WEBB RD & HARVEY RD
DIRECTION: BOTH

RECORDER NO: 5362
SET BY: AC
DATE: 9/9/91
DAY MACHINE SET: MON

COUNTS

DAY: DATE:	MON. 09/09	TUES. 09/10	WED. 09/11	THURS.	FRI.
12:00- 1:00 AM	0	15	17	0	0
1:00- 2:00 AM	0	2	8	0	0
2:00- 3:00 AM	0	2	6	0	0
3:00- 4:00 AM	0	0	0	0	0
4:00- 5:00 AM	0	9	3	0	0
5:00- 6:00 AM	0	27	28	0	0
6:00- 7:00 AM	0	140	142	0	0
7:00- 8:00 AM	0	312	0	0	0
8:00- 9:00 AM	0	199	0	0	0
9:00-10:00 AM	214	151	0	0	0
10:00-11:00 AM	121	134	0	0	0
11:00-12:00 PM	128	150	0	0	0
12:00- 1:00 PM	157	182	0	0	0
1:00- 2:00 PM	177	163	0	0	0
2:00- 3:00 PM	159	157	0	0	0
3:00- 4:00 PM	166	181	0	0	0
4:00- 5:00 PM	183	230	0	0	0
5:00- 6:00 PM	243	281	0	0	0
6:00- 7:00 PM	283	250	0	0	0
7:00- 8:00 PM	235	186	0	0	0
8:00- 9:00 PM	184	109	0	0	0
9:00-10:00 PM	100	79	0	0	0
10:00-11:00 PM	64	63	0	0	0
11:00-12:00 AM	45	30	0	0	0
TOTALS	2459	3052	204	0	0

WEATHER: F F F F F
(F)air
(R)ain
(S)now
(H)oliday

REMARKS:

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
24-HOUR TRAFFIC COUNT RECORD

COUNTY: DELAWARE
MUNICIPALITY: BIRMINGHAM

ROAD COUNTED ON: TR 202/TR 322 WILM W CHESTER PIKE NB
BETWEEN: OAKLAND RD & TR 1
DIRECTION: NORTH

RECORDER NO: 9143
SET BY: AC
DATE: 9/09/91
DAY MACHINE SET: MON

COUNTS

DAY: DATE:	MON. 09/09	TUES. 09/10	WED. 09/11	THURS.	FRI.
12:00- 1:00 AM	0	221	235	0	0
1:00- 2:00 AM	0	133	175	0	0
2:00- 3:00 AM	0	128	153	0	0
3:00- 4:00 AM	0	96	120	0	0
4:00- 5:00 AM	0	171	199	0	0
5:00- 6:00 AM	0	431	449	0	0
6:00- 7:00 AM	0	988	1107	0	0
7:00- 8:00 AM	0	1757	1819	0	0
8:00- 9:00 AM	1544	1567	1598	0	0
9:00-10:00 AM	1244	1242	1341	0	0
10:00-11:00 AM	1167	1226	0	0	0
11:00-12:00 PM	1275	1285	0	0	0
12:00- 1:00 PM	1383	1360	0	0	0
1:00- 2:00 PM	1399	1413	0	0	0
2:00- 3:00 PM	1415	1404	0	0	0
3:00- 4:00 PM	1665	1596	0	0	0
4:00- 5:00 PM	1974	1900	0	0	0
5:00- 6:00 PM	1922	1905	0	0	0
6:00- 7:00 PM	1590	1607	0	0	0
7:00- 8:00 PM	1089	1113	0	0	0
8:00- 9:00 PM	854	869	0	0	0
9:00-10:00 PM	724	835	0	0	0
10:00-11:00 PM	477	535	0	0	0
11:00-12:00 AM	348	375	0	0	0
TOTALS	20070	24157	7196	0	0

WEATHER: F F F F F
(F)air
(R)ain
(S)now
(H)oliday

REMARKS:

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
24-HOUR TRAFFIC COUNT RECORD

COUNTY: DELAWARE
MUNICIPALITY: BIRMINGHAM

ROAD COUNTED ON: TR 202/TR 322 WILM W CHESTER PIKE SB
BETWEEN: OAKLAND RD & TR 1
DIRECTION: SOUTH

RECORDER NO: 9143
SET BY: AC
DATE: 9/09/91
DAY MACHINE SET: MON

COUNTS

DAY: DATE:	MON. 09/09	TUES. 09/10	WED. 09/11	THURS.	FRI.
12:00- 1:00 AM	0	189	216	0	0
1:00- 2:00 AM	0	131	160	0	0
2:00- 3:00 AM	0	106	108	0	0
3:00- 4:00 AM	0	139	149	0	0
4:00- 5:00 AM	0	236	222	0	0
5:00- 6:00 AM	0	480	453	0	0
6:00- 7:00 AM	0	1304	1285	0	0
7:00- 8:00 AM	0	1992	2040	0	0
8:00- 9:00 AM	1657	1702	1830	0	0
9:00-10:00 AM	1384	1448	1487	0	0
10:00-11:00 AM	1330	1254	0	0	0
11:00-12:00 PM	1259	1375	0	0	0
12:00- 1:00 PM	1441	1357	0	0	0
1:00- 2:00 PM	1364	1259	0	0	0
2:00- 3:00 PM	1325	1372	0	0	0
3:00- 4:00 PM	1428	1476	0	0	0
4:00- 5:00 PM	1541	1701	0	0	0
5:00- 6:00 PM	1750	1766	0	0	0
6:00- 7:00 PM	1321	1414	0	0	0
7:00- 8:00 PM	923	984	0	0	0
8:00- 9:00 PM	705	752	0	0	0
9:00-10:00 PM	594	691	0	0	0
10:00-11:00 PM	428	464	0	0	0
11:00-12:00 AM	286	281	0	0	0

TOTALS 18736 23873 7950 0 0

WEATHER: F F F F F
(F)air
(R)ain
(S)now
(H)oliday

REMARKS:

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
24-HOUR TRAFFIC COUNT RECORD

COUNTY: DELAWARE
MUNICIPALITY: CONCORD

ROAD COUNTED ON: STATE FARM DRIVE
BETWEEN: TR 1 BALT PK & TR 202 WILM W CHESTER PIKE
DIRECTION: BOTH

RECORDER NO: 7303
SET BY: AC
DATE: 09/09/91
DAY MACHINE SET: MON

COUNTS

DAY: DATE:	MON. 09/09	TUES. 09/10	WED. 09/11	THURS.	FRI.
12:00- 1:00 AM	0	33	38	0	0
1:00- 2:00 AM	0	22	20	0	0
2:00- 3:00 AM	0	6	9	0	0
3:00- 4:00 AM	0	6	6	0	0
4:00- 5:00 AM	0	14	7	0	0
5:00- 6:00 AM	0	9	17	0	0
6:00- 7:00 AM	0	25	27	0	0
7:00- 8:00 AM	0	99	0	0	0
8:00- 9:00 AM	421	417	0	0	0
9:00-10:00 AM	200	200	0	0	0
10:00-11:00 AM	151	167	0	0	0
11:00-12:00 PM	145	151	0	0	0
12:00- 1:00 PM	179	178	0	0	0
1:00- 2:00 PM	277	218	0	0	0
2:00- 3:00 PM	176	160	0	0	0
3:00- 4:00 PM	175	154	0	0	0
4:00- 5:00 PM	250	263	0	0	0
5:00- 6:00 PM	415	425	0	0	0
6:00- 7:00 PM	297	302	0	0	0
7:00- 8:00 PM	195	199	0	0	0
8:00- 9:00 PM	107	110	0	0	0
9:00-10:00 PM	53	64	0	0	0
10:00-11:00 PM	43	70	0	0	0
11:00-12:00 AM	38	46	0	0	0
TOTALS	3122	3338	124	0	0

WEATHER: F F F F F
(F)air
(R)ain
(S)now
(H)oliday

REMARKS:

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
24-HOUR TRAFFIC COUNT RECORD

COUNTY: DELAWARE
MUNICIPALITY: BIRMINGHAM

ROAD COUNTED ON: TR 1 BALTIMORE PIKE NB
BETWEEN: TR 202 & HARVEY RD
DIRECTION: NORTH

RECORDER NO: 9163
SET BY: JD
DATE: 9/10/91
DAY MACHINE SET: TUE

COUNTS

DAY: DATE:	MON.	TUES. 09/10	WED. 09/11	THURS. 09/12	FRI.
12:00- 1:00 AM	0	0	122	104	104
1:00- 2:00 AM	0	0	48	91	62
2:00- 3:00 AM	0	0	69	72	66
3:00- 4:00 AM	0	0	104	104	88
4:00- 5:00 AM	0	0	157	154	177
5:00- 6:00 AM	0	0	368	392	378
6:00- 7:00 AM	0	0	959	917	931
7:00- 8:00 AM	0	0	1292	1338	1236
8:00- 9:00 AM	0	0	1073	1022	0
9:00-10:00 AM	0	396	808	805	0
10:00-11:00 AM	0	698	677	694	0
11:00-12:00 PM	0	674	750	713	0
12:00- 1:00 PM	0	698	697	732	0
1:00- 2:00 PM	0	740	717	774	0
2:00- 3:00 PM	0	771	779	788	0
3:00- 4:00 PM	0	764	836	809	0
4:00- 5:00 PM	0	855	778	948	0
5:00- 6:00 PM	0	796	812	856	0
6:00- 7:00 PM	0	639	677	785	0
7:00- 8:00 PM	0	447	506	573	0
8:00- 9:00 PM	0	362	380	387	0
9:00-10:00 PM	0	303	367	381	0
10:00-11:00 PM	0	234	244	281	0
11:00-12:00 AM	0	164	166	146	0
TOTALS	0	8541	13386	13866	3042

WEATHER: F F F F F
(F)air
(R)ain
(S)now
(H)oliday

REMARKS:

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
24-HOUR TRAFFIC COUNT RECORD

COUNTY: DELAWARE
MUNICIPALITY: BIRMINGHAM

ROAD COUNTED ON: TR 1 BALTIMORE PIKE SB
BETWEEN: TR 202 & HARVEY RD
DIRECTION: SOUTH

RECORDER NO: 9163
SET BY: JD
DATE: 9/10/91
DAY MACHINE SET: TUE

COUNTS

DAY: DATE:	MON.	TUES. 09/10	WED. 09/11	THURS. 09/12	FRI.
12:00- 1:00 AM	0	0	146	138	126
1:00- 2:00 AM	0	0	77	74	98
2:00- 3:00 AM	0	0	62	73	77
3:00- 4:00 AM	0	0	64	94	92
4:00- 5:00 AM	0	0	106	108	111
5:00- 6:00 AM	0	0	199	192	224
6:00- 7:00 AM	0	0	482	413	413
7:00- 8:00 AM	0	0	626	639	628
8:00- 9:00 AM	0	0	714	763	0
9:00-10:00 AM	0	445	733	657	0
10:00-11:00 AM	0	681	753	808	0
11:00-12:00 PM	0	722	743	766	0
12:00- 1:00 PM	0	761	758	808	0
1:00- 2:00 PM	0	638	721	740	0
2:00- 3:00 PM	0	745	712	812	0
3:00- 4:00 PM	0	937	1014	988	0
4:00- 5:00 PM	0	1164	1132	1153	0
5:00- 6:00 PM	0	1109	1068	1199	0
6:00- 7:00 PM	0	743	884	862	0
7:00- 8:00 PM	0	633	597	656	0
8:00- 9:00 PM	0	483	522	580	0
9:00-10:00 PM	0	523	455	535	0
10:00-11:00 PM	0	308	344	415	0
11:00-12:00 AM	0	195	319	240	0
TOTALS	0	10087	13231	13713	1769

WEATHER: F F F F F
(F)air
(R)ain
(S)now
(H)oliday

REMARKS:

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
24-HOUR TRAFFIC COUNT RECORD

COUNTY: DELAWARE
MUNICIPALITY: CONCORD

ROAD COUNTED ON: TR 1/TR 322 BALT PK SB
BETWEEN: TR 202 & STATE FARM DR
DIRECTION: SOUTH

RECORDER NO: 13816
SET BY: JD
DATE: 9/11/91
DAY MACHINE SET: WED

COUNTS

DAY: DATE:	MON.	TUES.	WED. 09/11	THURS. 09/12	FRI. 09/13
12:00- 1:00 AM	0	0	0	249	252
1:00- 2:00 AM	0	0	0	126	190
2:00- 3:00 AM	0	0	0	165	148
3:00- 4:00 AM	0	0	0	126	180
4:00- 5:00 AM	0	0	0	168	181
5:00- 6:00 AM	0	0	0	353	384
6:00- 7:00 AM	0	0	0	776	752
7:00- 8:00 AM	0	0	0	1186	1222
8:00- 9:00 AM	0	0	0	1407	0
9:00-10:00 AM	0	0	0	1204	0
10:00-11:00 AM	0	0	1073	1343	0
11:00-12:00 PM	0	0	1128	1220	0
12:00- 1:00 PM	0	0	1154	1261	0
1:00- 2:00 PM	0	0	1009	1180	0
2:00- 3:00 PM	0	0	1043	1270	0
3:00- 4:00 PM	0	0	1240	1364	0
4:00- 5:00 PM	0	0	1327	1529	0
5:00- 6:00 PM	0	0	1265	1634	0
6:00- 7:00 PM	0	0	1217	1305	0
7:00- 8:00 PM	0	0	894	895	0
8:00- 9:00 PM	0	0	825	782	0
9:00-10:00 PM	0	0	650	722	0
10:00-11:00 PM	0	0	572	679	0
11:00-12:00 AM	0	0	608	445	0
TOTALS	0	0	14005	21389	3309

WEATHER: F F F F F
(F)air
(R)ain
(S)now
(H)oliday

REMARKS:

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
24-HOUR TRAFFIC COUNT RECORD

COUNTY: DELAWARE
MUNICIPALITY: CONCORD

ROAD COUNTED ON: TR 1/TR 322 BALT PK NB
BETWEEN: TR 202 & STATE FARM DR
DIRECTION: NORTH

RECORDER NO: 13829
SET BY: JD
DATE: 9/11/91
DAY MACHINE SET: WED

COUNTS

DAY: DATE:	MON.	TUES.	WED. 09/11	THURS. 09/12	FRI. 09/13
12:00- 1:00 AM	0	0	0	196	197
1:00- 2:00 AM	0	0	0	149	130
2:00- 3:00 AM	0	0	0	135	106
3:00- 4:00 AM	0	0	0	164	103
4:00- 5:00 AM	0	0	0	223	220
5:00- 6:00 AM	0	0	0	563	510
6:00- 7:00 AM	0	0	0	1324	1219
7:00- 8:00 AM	0	0	0	1512	1408
8:00- 9:00 AM	0	0	0	1457	0
9:00-10:00 AM	0	0	0	1201	0
10:00-11:00 AM	0	0	957	1132	0
11:00-12:00 PM	0	0	1028	1244	0
12:00- 1:00 PM	0	0	1027	1294	0
1:00- 2:00 PM	0	0	1041	1222	0
2:00- 3:00 PM	0	0	1029	1202	0
3:00- 4:00 PM	0	0	1180	1292	0
4:00- 5:00 PM	0	0	1263	1522	0
5:00- 6:00 PM	0	0	1335	1457	0
6:00- 7:00 PM	0	0	1105	1262	0
7:00- 8:00 PM	0	0	825	913	0
8:00- 9:00 PM	0	0	641	735	0
9:00-10:00 PM	0	0	629	684	0
10:00-11:00 PM	0	0	401	531	0
11:00-12:00 AM	0	0	329	293	0
TOTALS	0	0	12790	21707	3893

WEATHER: F F F F F
(F)air
(R)ain
(S)now
(H)oliday

REMARKS:

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
24-HOUR TRAFFIC COUNT RECORD

COUNTY: DELAWARE
MUNICIPALITY: CONCORD

ROAD COUNTED ON: TR 1/TR 322 BALT PK NB
BETWEEN: TR 322 & BRINTON LAKE RD
DIRECTION: NORTH

RECORDER NO: 9133
SET BY: JD
DATE: 11/19/91
DAY MACHINE SET: TUE

COUNTS

DAY: DATE:	MON.	TUES. 11/19	WED. 11/20	THURS. 11/21	FRI.
12:00- 1:00 AM	0	0	251	254	0
1:00- 2:00 AM	0	0	172	176	0
2:00- 3:00 AM	0	0	101	136	0
3:00- 4:00 AM	0	0	93	121	0
4:00- 5:00 AM	0	0	117	140	0
5:00- 6:00 AM	0	0	184	203	0
6:00- 7:00 AM	0	0	535	562	0
7:00- 8:00 AM	0	0	1196	1233	0
8:00- 9:00 AM	0	0	1464	1509	0
9:00-10:00 AM	0	0	1399	1413	0
10:00-11:00 AM	0	0	1086	1098	0
11:00-12:00 PM	0	248	974	992	0
12:00- 1:00 PM	0	1040	1059	1114	0
1:00- 2:00 PM	0	1129	1114	0	0
2:00- 3:00 PM	0	1106	1172	0	0
3:00- 4:00 PM	0	1213	1249	0	0
4:00- 5:00 PM	0	1322	1370	0	0
5:00- 6:00 PM	0	1658	1736	0	0
6:00- 7:00 PM	0	1397	1486	0	0
7:00- 8:00 PM	0	890	1093	0	0
8:00- 9:00 PM	0	637	652	0	0
9:00-10:00 PM	0	547	589	0	0
10:00-11:00 PM	0	562	604	0	0
11:00-12:00 AM	0	430	443	0	0
TOTALS	0	12179	20139	8951	0

WEATHER: F F F F F
(F)air
(R)ain
(S)now
(H)oliday

REMARKS:

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
24-HOUR TRAFFIC COUNT RECORD

COUNTY: DELAWARE
MUNICIPALITY: BIRMINGHAM

ROAD COUNTED ON: TR 202 WILM W CHESTER PK NB
BETWEEN: WOODLAND DR & CHRISTY DR
DIRECTION: NORTH

RECORDER NO: 14304
SET BY: JD
DATE: 9/11/91
DAY MACHINE SET: WED

COUNTS

DAY: DATE:	MON.	TUES.	WED. 09/11	THURS. 09/12	FRI. 09/13
12:00- 1:00 AM	0	0	0	197	157
1:00- 2:00 AM	0	0	0	128	121
2:00- 3:00 AM	0	0	0	121	114
3:00- 4:00 AM	0	0	0	110	95
4:00- 5:00 AM	0	0	0	141	132
5:00- 6:00 AM	0	0	0	342	320
6:00- 7:00 AM	0	0	0	836	815
7:00- 8:00 AM	0	0	0	1371	1353
8:00- 9:00 AM	0	0	0	1286	0
9:00-10:00 AM	0	0	997	1018	0
10:00-11:00 AM	0	0	1086	1100	0
11:00-12:00 PM	0	0	1177	1156	0
12:00- 1:00 PM	0	0	1296	1287	0
1:00- 2:00 PM	0	0	1323	1319	0
2:00- 3:00 PM	0	0	1288	1328	0
3:00- 4:00 PM	0	0	1407	1372	0
4:00- 5:00 PM	0	0	1449	1436	0
5:00- 6:00 PM	0	0	1686	1708	0
6:00- 7:00 PM	0	0	1384	1400	0
7:00- 8:00 PM	0	0	1049	1110	0
8:00- 9:00 PM	0	0	911	941	0
9:00-10:00 PM	0	0	631	715	0
10:00-11:00 PM	0	0	326	354	0
11:00-12:00 AM	0	0	222	231	0
TOTALS	0	0	16232	21007	3107

WEATHER: F F F F F
(F)air
(R)ain
(S)now
(H)oliday

REMARKS:

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
24-HOUR TRAFFIC COUNT RECORD

COUNTY: DELAWARE
MUNICIPALITY: BIRMINGHAM

ROAD COUNTED ON: TR 202 WILM W CHESTER PK SB
BETWEEN: WOODLAND DR & CHRISTY DR
DIRECTION: SOUTH

RECORDER NO: 12371
SET BY: JD
DATE: 9/11/91
DAY MACHINE SET: WED

COUNTS

DAY: DATE:	MON.	TUES.	WED. 09/11	THURS. 09/12	FRI. 09/13
12:00- 1:00 AM	0	0	0	153	181
1:00- 2:00 AM	0	0	0	112	130
2:00- 3:00 AM	0	0	0	100	81
3:00- 4:00 AM	0	0	0	70	98
4:00- 5:00 AM	0	0	0	107	149
5:00- 6:00 AM	0	0	0	261	266
6:00- 7:00 AM	0	0	0	836	745
7:00- 8:00 AM	0	0	0	1700	0
8:00- 9:00 AM	0	0	0	1449	0
9:00-10:00 AM	0	0	1142	1233	0
10:00-11:00 AM	0	0	1162	1207	0
11:00-12:00 PM	0	0	1168	1206	0
12:00- 1:00 PM	0	0	1303	1314	0
1:00- 2:00 PM	0	0	1148	1103	0
2:00- 3:00 PM	0	0	1102	1218	0
3:00- 4:00 PM	0	0	1193	1257	0
4:00- 5:00 PM	0	0	1510	1565	0
5:00- 6:00 PM	0	0	1535	1694	0
6:00- 7:00 PM	0	0	1231	1400	0
7:00- 8:00 PM	0	0	922	1090	0
8:00- 9:00 PM	0	0	681	680	0
9:00-10:00 PM	0	0	616	632	0
10:00-11:00 PM	0	0	418	432	0
11:00-12:00 AM	0	0	271	292	0
TOTALS	0	0	15402	21111	1650

WEATHER: F F F F F
(F)air
(R)ain
(S)now
(H)oliday

REMARKS:

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
24-HOUR TRAFFIC COUNT RECORD

COUNTY: DELAWARE
MUNICIPALITY: BIRMINGHAM

ROAD COUNTED ON: RIDGE RD
BETWEEN: RAVEN DR & TR 202
DIRECTION: BOTH

RECORDER NO: 14292
SET BY: JD
DATE: 9/10/91
DAY MACHINE SET: TUE

COUNTS

DAY: DATE:	MON.	TUES. 09/10	WED. 09/11	THURS. 09/12	FRI.
12:00- 1:00 AM	0	0	8	7	0
1:00- 2:00 AM	0	0	7	3	0
2:00- 3:00 AM	0	0	3	0	0
3:00- 4:00 AM	0	0	4	2	0
4:00- 5:00 AM	0	0	1	2	0
5:00- 6:00 AM	0	0	0	4	0
6:00- 7:00 AM	0	0	9	56	0
7:00- 8:00 AM	0	0	56	140	0
8:00- 9:00 AM	0	0	150	144	0
9:00-10:00 AM	0	78	137	105	0
10:00-11:00 AM	0	106	95	101	0
11:00-12:00 PM	0	113	95	96	0
12:00- 1:00 PM	0	92	114	131	0
1:00- 2:00 PM	0	137	106	114	0
2:00- 3:00 PM	0	116	101	117	0
3:00- 4:00 PM	0	114	118	166	0
4:00- 5:00 PM	0	141	172	177	0
5:00- 6:00 PM	0	192	186	201	0
6:00- 7:00 PM	0	204	195	163	0
7:00- 8:00 PM	0	139	149	130	0
8:00- 9:00 PM	0	113	105	79	0
9:00-10:00 PM	0	75	86	67	0
10:00-11:00 PM	0	61	43	27	0
11:00-12:00 AM	0	18	27	17	0
TOTALS	0	1699	1967	2049	0

WEATHER: F F F F F
(F)air
(R)ain
(S)now
(H)oliday

REMARKS:

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
24-HOUR TRAFFIC COUNT RECORD

COUNTY: DELAWARE
MUNICIPALITY: BIRMINGHAM

ROAD COUNTED ON: MARSHALL RD
BETWEEN: TR 202 & JAMES HAYWARD RD
DIRECTION: BOTH

RECORDER NO: 5289
SET BY: JD
DATE: 9/10/91
DAY MACHINE SET: TUE

COUNTS

DAY: DATE:	MON.	TUES. 09/10	WED. 09/11	THURS. 09/12	FRI.
12:00- 1:00 AM	0	0	11	10	0
1:00- 2:00 AM	0	0	7	1	0
2:00- 3:00 AM	0	0	1	4	0
3:00- 4:00 AM	0	0	2	3	0
4:00- 5:00 AM	0	0	5	5	0
5:00- 6:00 AM	0	0	10	12	0
6:00- 7:00 AM	0	0	51	65	0
7:00- 8:00 AM	0	0	187	181	0
8:00- 9:00 AM	0	0	91	142	0
9:00-10:00 AM	0	73	74	67	0
10:00-11:00 AM	0	74	74	84	0
11:00-12:00 PM	0	72	96	83	0
12:00- 1:00 PM	0	105	85	116	0
1:00- 2:00 PM	0	91	101	98	0
2:00- 3:00 PM	0	86	101	90	0
3:00- 4:00 PM	0	108	127	131	0
4:00- 5:00 PM	0	138	151	149	0
5:00- 6:00 PM	0	173	195	185	0
6:00- 7:00 PM	0	110	118	127	0
7:00- 8:00 PM	0	62	86	98	0
8:00- 9:00 PM	0	49	55	66	0
9:00-10:00 PM	0	28	39	28	0
10:00-11:00 PM	0	13	24	21	0
11:00-12:00 AM	0	13	15	15	0
TOTALS	0	1195	1706	1781	0

WEATHER: F F F F F
(F)air
(R)ain
(S)now
(H)oliday

REMARKS:

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
24-HOUR TRAFFIC COUNT RECORD

COUNTY: DELAWARE
MUNICIPALITY: BIRMINGHAM

ROAD COUNTED ON: SMITH BRIDGE RD
BETWEEN: HEYBURN RD & TR 202 SB
DIRECTION: BOTH

RECORDER NO: 1336
SET BY: JD
DATE: 9/9/91
DAY MACHINE SET: MON

COUNTS

DAY: DATE:	MON. 09/09	TUES. 09/10	WED. 09/11	THURS.	FRI.
12:00- 1:00 AM	0	10	8	0	0
1:00- 2:00 AM	0	1	0	0	0
2:00- 3:00 AM	0	2	0	0	0
3:00- 4:00 AM	0	0	3	0	0
4:00- 5:00 AM	0	3	7	0	0
5:00- 6:00 AM	0	6	44	0	0
6:00- 7:00 AM	0	45	124	0	0
7:00- 8:00 AM	0	114	0	0	0
8:00- 9:00 AM	0	104	0	0	0
9:00-10:00 AM	76	75	0	0	0
10:00-11:00 AM	62	76	0	0	0
11:00-12:00 PM	58	76	0	0	0
12:00- 1:00 PM	78	79	0	0	0
1:00- 2:00 PM	71	80	0	0	0
2:00- 3:00 PM	75	76	0	0	0
3:00- 4:00 PM	105	82	0	0	0
4:00- 5:00 PM	158	137	0	0	0
5:00- 6:00 PM	162	152	0	0	0
6:00- 7:00 PM	94	118	0	0	0
7:00- 8:00 PM	85	75	0	0	0
8:00- 9:00 PM	37	55	0	0	0
9:00-10:00 PM	42	52	0	0	0
10:00-11:00 PM	23	17	0	0	0
11:00-12:00 AM	16	12	0	0	0
TOTALS	1142	1447	186	0	0

WEATHER: F F F F F
(F)air
(R)ain
(S)now
(H)oliday

REMARKS:

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
24-HOUR TRAFFIC COUNT RECORD

COUNTY: DELAWARE
MUNICIPALITY: CONCORD

ROAD COUNTED ON: TR 202 WILM W CHESTER PK SB
BETWEEN: SMITH BRIDGE RD & SUMMIT ST
DIRECTION: SOUTH

RECORDER NO: 12405
SET BY: JD
DATE: 9/10/91
DAY MACHINE SET: TUE

COUNTS

DAY: DATE:	MON.	TUES. 09/10	WED. 09/11	THURS. 09/12	FRI.
12:00- 1:00 AM	0	0	164	160	0
1:00- 2:00 AM	0	0	113	121	0
2:00- 3:00 AM	0	0	82	97	0
3:00- 4:00 AM	0	0	59	69	0
4:00- 5:00 AM	0	0	119	105	0
5:00- 6:00 AM	0	0	254	251	0
6:00- 7:00 AM	0	0	828	837	0
7:00- 8:00 AM	0	0	1803	1745	0
8:00- 9:00 AM	0	0	1479	1473	0
9:00-10:00 AM	0	1111	1219	1233	0
10:00-11:00 AM	0	1086	1115	1207	0
11:00-12:00 PM	0	1128	1156	1162	0
12:00- 1:00 PM	0	1124	1220	1228	0
1:00- 2:00 PM	0	1093	1104	1149	0
2:00- 3:00 PM	0	1071	1082	1191	0
3:00- 4:00 PM	0	1174	1224	1261	0
4:00- 5:00 PM	0	1564	1515	1547	0
5:00- 6:00 PM	0	1632	1562	1653	0
6:00- 7:00 PM	0	1266	1250	1365	0
7:00- 8:00 PM	0	921	976	1134	0
8:00- 9:00 PM	0	719	714	712	0
9:00-10:00 PM	0	538	586	627	0
10:00-11:00 PM	0	373	400	430	0
11:00-12:00 AM	0	230	271	266	0
TOTALS	0	15030	20295	21023	0

WEATHER: F F F F F
(F)air
(R)ain
(S)now
(H)oliday

REMARKS:

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
24-HOUR TRAFFIC COUNT RECORD

COUNTY: DELAWARE
MUNICIPALITY: CONCORD

ROAD COUNTED ON: TR 202 WILM W CHESTER PK NB
BETWEEN: SMITH BRIDGE RD & SUMMIT ST
DIRECTION: NORTH

RECORDER NO: 2302
SET BY: JD
DATE: 9/10/91
DAY MACHINE SET: TUE

COUNTS

DAY: DATE:	MON.	TUES. 09/10	WED. 09/11	THURS. 09/12	FRI.
12:00- 1:00 AM	0	0	130	183	0
1:00- 2:00 AM	0	0	91	81	0
2:00- 3:00 AM	0	0	90	69	0
3:00- 4:00 AM	0	0	73	92	0
4:00- 5:00 AM	0	0	111	128	0
5:00- 6:00 AM	0	0	259	263	0
6:00- 7:00 AM	0	0	864	763	0
7:00- 8:00 AM	0	0	1464	1432	0
8:00- 9:00 AM	0	80	1144	1209	0
9:00-10:00 AM	0	979	1036	984	0
10:00-11:00 AM	0	993	1029	1019	0
11:00-12:00 PM	0	1145	1069	1142	0
12:00- 1:00 PM	0	1162	1114	1238	0
1:00- 2:00 PM	0	1136	1201	1236	0
2:00- 3:00 PM	0	1233	1156	1236	0
3:00- 4:00 PM	0	1321	1379	1387	0
4:00- 5:00 PM	0	1595	1572	1595	0
5:00- 6:00 PM	0	1714	1709	1693	0
6:00- 7:00 PM	0	1370	1376	1420	0
7:00- 8:00 PM	0	1008	982	1103	0
8:00- 9:00 PM	0	907	877	879	0
9:00-10:00 PM	0	698	744	696	0
10:00-11:00 PM	0	418	474	492	0
11:00-12:00 AM	0	236	317	326	0
TOTALS	0	15995	20261	20666	0

WEATHER: F F F F F
(F)air
(R)ain
(S)now
(H)oliday

REMARKS:

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
24-HOUR TRAFFIC COUNT RECORD

COUNTY: DELAWARE
MUNICIPALITY: CONCORD

ROAD COUNTED ON: TR 202 WILM W CHESTER PK NB
BETWEEN: BEAVER VALLEY RD & SMITH BRIDGE RD
DIRECTION: NORTH

RECORDER NO: 143041
SET BY: JD
DATE: 9/9/91
DAY MACHINE SET: MON

COUNTS

DAY: DATE:	MON. 09/09	TUES. 09/10	WED. 09/11	THURS.	FRI.
12:00- 1:00 AM	0	142	139	0	0
1:00- 2:00 AM	0	81	87	0	0
2:00- 3:00 AM	0	63	89	0	0
3:00- 4:00 AM	0	63	74	0	0
4:00- 5:00 AM	0	130	109	0	0
5:00- 6:00 AM	0	308	262	0	0
6:00- 7:00 AM	0	799	915	0	0
7:00- 8:00 AM	0	1500	0	0	0
8:00- 9:00 AM	1129	1172	0	0	0
9:00-10:00 AM	962	930	0	0	0
10:00-11:00 AM	946	984	0	0	0
11:00-12:00 PM	1130	1129	0	0	0
12:00- 1:00 PM	1201	1180	0	0	0
1:00- 2:00 PM	1209	1151	0	0	0
2:00- 3:00 PM	1208	1252	0	0	0
3:00- 4:00 PM	1463	1371	0	0	0
4:00- 5:00 PM	1669	1650	0	0	0
5:00- 6:00 PM	1731	1804	0	0	0
6:00- 7:00 PM	1334	1414	0	0	0
7:00- 8:00 PM	1013	1010	0	0	0
8:00- 9:00 PM	805	904	0	0	0
9:00-10:00 PM	694	740	0	0	0
10:00-11:00 PM	386	445	0	0	0
11:00-12:00 AM	263	243	0	0	0
TOTALS	17143	20465	1675	0	0

WEATHER: F F F F F
(F)air
(R)ain
(S)now
(H)oliday

REMARKS:

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
24-HOUR TRAFFIC COUNT RECORD

COUNTY: DELAWARE
MUNICIPALITY: CONCORD

ROAD COUNTED ON: TR 202 WILM W CHESTER PK SB
BETWEEN: BEAVER VALLEY RD & SMITH BRIDGE RD
DIRECTION: SOUTH

RECORDER NO: 12371
SET BY: JD
DATE: 9/9/91
DAY MACHINE SET: MON

COUNTS

DAY: DATE:	MON. 09/09	TUES. 09/10	WED. 09/11	THURS.	FRI.
12:00- 1:00 AM	0	142	180	0	0
1:00- 2:00 AM	0	75	119	0	0
2:00- 3:00 AM	0	65	82	0	0
3:00- 4:00 AM	0	65	56	0	0
4:00- 5:00 AM	0	124	133	0	0
5:00- 6:00 AM	0	243	266	0	0
6:00- 7:00 AM	0	915	870	0	0
7:00- 8:00 AM	0	1920	1931	0	0
8:00- 9:00 AM	1442	1505	0	0	0
9:00- 10:00 AM	1146	1111	0	0	0
10:00- 11:00 AM	1238	1124	0	0	0
11:00- 12:00 PM	1170	1156	0	0	0
12:00- 1:00 PM	1205	1157	0	0	0
1:00- 2:00 PM	1176	1111	0	0	0
2:00- 3:00 PM	1146	1131	0	0	0
3:00- 4:00 PM	1175	1222	0	0	0
4:00- 5:00 PM	1501	1559	0	0	0
5:00- 6:00 PM	1659	1700	0	0	0
6:00- 7:00 PM	1260	1346	0	0	0
7:00- 8:00 PM	911	943	0	0	0
8:00- 9:00 PM	623	753	0	0	0
9:00- 10:00 PM	505	595	0	0	0
10:00- 11:00 PM	338	388	0	0	0
11:00- 12:00 AM	259	243	0	0	0
TOTALS	16754	20593	3637	0	0

WEATHER: F F F F F
(F)air
(R)ain
(S)now
(H)oliday

REMARKS:

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
24-HOUR TRAFFIC COUNT RECORD

COUNTY: DELAWARE
MUNICIPALITY: CONCORD

ROAD COUNTED ON: SMITH BRIDGE RD
BETWEEN: TR 202 & SUNSET VIEW DR
DIRECTION: BOTH

RECORDER NO: 5329
SET BY: JD
DATE: 9/9/91
DAY MACHINE SET: MON

COUNTS

DAY: DATE:	MON. 09/09	TUES. 09/10	WED. 09/11	THURS.	FRI.
12:00- 1:00 AM	0	18	20	0	0
1:00- 2:00 AM	0	9	11	0	0
2:00- 3:00 AM	0	7	6	0	0
3:00- 4:00 AM	0	0	3	0	0
4:00- 5:00 AM	0	12	4	0	0
5:00- 6:00 AM	0	12	17	0	0
6:00- 7:00 AM	0	117	124	0	0
7:00- 8:00 AM	0	283	261	0	0
8:00- 9:00 AM	252	259	0	0	0
9:00-10:00 AM	178	180	0	0	0
10:00-11:00 AM	167	175	0	0	0
11:00-12:00 PM	173	205	0	0	0
12:00- 1:00 PM	221	221	0	0	0
1:00- 2:00 PM	190	185	0	0	0
2:00- 3:00 PM	203	205	0	0	0
3:00- 4:00 PM	266	249	0	0	0
4:00- 5:00 PM	318	307	0	0	0
5:00- 6:00 PM	358	375	0	0	0
6:00- 7:00 PM	298	302	0	0	0
7:00- 8:00 PM	217	226	0	0	0
8:00- 9:00 PM	141	199	0	0	0
9:00-10:00 PM	129	151	0	0	0
10:00-11:00 PM	64	65	0	0	0
11:00-12:00 AM	33	25	0	0	0
TOTALS	3208	3787	446	0	0

WEATHER: F F F F F
(F)air
(R)ain
(S)now
(H)oliday

REMARKS:

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
24-HOUR TRAFFIC COUNT RECORD

COUNTY: DELAWARE
MUNICIPALITY: CONCORD

ROAD COUNTED ON: TR 491 NAAMANS CREEK ROAD
BETWEEN: PYLE RD & SHAVERTOWN RD
DIRECTION: BOTH

RECORDER NO: 15828
SET BY: JD
DATE: 09/09/91
DAY MACHINE SET: MON

COUNTS

DAY: DATE:	MON. 09/09	TUES. 09/10	WED. 09/11	THURS.	FRI.
12:00- 1:00 AM	0	57	65	0	0
1:00- 2:00 AM	0	12	24	0	0
2:00- 3:00 AM	0	13	10	0	0
3:00- 4:00 AM	0	11	20	0	0
4:00- 5:00 AM	0	23	18	0	0
5:00- 6:00 AM	0	90	88	0	0
6:00- 7:00 AM	0	426	432	0	0
7:00- 8:00 AM	815	802	0	0	0
8:00- 9:00 AM	522	544	0	0	0
9:00-10:00 AM	375	355	0	0	0
10:00-11:00 AM	339	352	0	0	0
11:00-12:00 PM	332	363	0	0	0
12:00- 1:00 PM	391	370	0	0	0
1:00- 2:00 PM	357	370	0	0	0
2:00- 3:00 PM	413	419	0	0	0
3:00- 4:00 PM	558	496	0	0	0
4:00- 5:00 PM	693	737	0	0	0
5:00- 6:00 PM	765	787	0	0	0
6:00- 7:00 PM	559	585	0	0	0
7:00- 8:00 PM	405	424	0	0	0
8:00- 9:00 PM	278	308	0	0	0
9:00-10:00 PM	221	241	0	0	0
10:00-11:00 PM	129	160	0	0	0
11:00-12:00 AM	111	96	0	0	0
TOTALS	7263	8041	657	0	0

WEATHER: F F F F F
(F)air
(R)ain
(S)now
(H)oliday

REMARKS:

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
24-HOUR TRAFFIC COUNT RECORD

COUNTY: DELAWARE
MUNICIPALITY: CONCORD

ROAD COUNTED ON: PYLE RD
BETWEEN: TR 202 & NAAMANS CREEK RD
DIRECTION: BOTH

RECORDER NO: 13816
SET BY: JD
DATE: 9/9/91
DAY MACHINE SET: MON

COUNTS

DAY: DATE:	MON. 09/09	TUES. 09/10	WED. 09/11	THURS.	FRI.
12:00- 1:00 AM	0	15	4	0	0
1:00- 2:00 AM	0	7	8	0	0
2:00- 3:00 AM	0	2	0	0	0
3:00- 4:00 AM	0	1	0	0	0
4:00- 5:00 AM	0	3	5	0	0
5:00- 6:00 AM	0	14	11	0	0
6:00- 7:00 AM	0	47	52	0	0
7:00- 8:00 AM	111	134	0	0	0
8:00- 9:00 AM	113	105	0	0	0
9:00-10:00 AM	114	84	0	0	0
10:00-11:00 AM	111	95	0	0	0
11:00-12:00 PM	120	102	0	0	0
12:00- 1:00 PM	129	104	0	0	0
1:00- 2:00 PM	138	104	0	0	0
2:00- 3:00 PM	136	111	0	0	0
3:00- 4:00 PM	161	164	0	0	0
4:00- 5:00 PM	212	241	0	0	0
5:00- 6:00 PM	263	201	0	0	0
6:00- 7:00 PM	189	176	0	0	0
7:00- 8:00 PM	179	187	0	0	0
8:00- 9:00 PM	155	146	0	0	0
9:00-10:00 PM	90	79	0	0	0
10:00-11:00 PM	18	34	0	0	0
11:00-12:00 AM	17	17	0	0	0
TOTALS	2256	2173	80	0	0

WEATHER: F F F F F
(F)air
(R)ain
(S)now
(H)oliday

REMARKS:

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
24-HOUR TRAFFIC COUNT RECORD

COUNTY: DELAWARE
MUNICIPALITY: CONCORD

ROAD COUNTED ON: TR 202 WILM W CHESTER PK NB
BETWEEN: DEL STATE LINE & NAAMANS CREEK RD
DIRECTION: NORTH

RECORDER NO: 13825
SET BY: JD
DATE: 9/9/91
DAY MACHINE SET: MON

COUNTS

DAY: DATE:	MON. 09/09	TUES. 09/10	WED. 09/11	THURS.	FRI.
12:00- 1:00 AM	0	120	119	0	0
1:00- 2:00 AM	0	77	90	0	0
2:00- 3:00 AM	0	64	89	0	0
3:00- 4:00 AM	0	58	69	0	0
4:00- 5:00 AM	0	117	97	0	0
5:00- 6:00 AM	0	267	233	0	0
6:00- 7:00 AM	0	591	693	0	0
7:00- 8:00 AM	1020	1067	0	0	0
8:00- 9:00 AM	877	892	0	0	0
9:00-10:00 AM	753	783	0	0	0
10:00-11:00 AM	800	794	0	0	0
11:00-12:00 PM	1028	1014	0	0	0
12:00- 1:00 PM	1091	1040	0	0	0
1:00- 2:00 PM	1109	1019	0	0	0
2:00- 3:00 PM	1080	1102	0	0	0
3:00- 4:00 PM	1301	1227	0	0	0
4:00- 5:00 PM	1472	1424	0	0	0
5:00- 6:00 PM	1446	1510	0	0	0
6:00- 7:00 PM	1140	1193	0	0	0
7:00- 8:00 PM	907	930	0	0	0
8:00- 9:00 PM	752	826	0	0	0
9:00-10:00 PM	634	665	0	0	0
10:00-11:00 PM	338	410	0	0	0
11:00-12:00 AM	239	216	0	0	0
TOTALS	15987	17406	1390	0	0

WEATHER: F F F F F
(F)air
(R)ain
(S)now
(H)oliday

REMARKS:

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
24-HOUR TRAFFIC COUNT RECORD

COUNTY: DELAWARE
MUNICIPALITY: CONCORD

ROAD COUNTED ON: TR 202 WILM W CHESTER PK SB
BETWEEN: DEL STATE LINE & NAAMANS CREEK RD
DIRECTION: SOUTH

RECORDER NO: 12372
SET BY: JD
DATE: 9/9/91
DAY MACHINE SET: MON

COUNTS

DAY: DATE:	MON. 09/09	TUES. 09/10	WED. 09/11	THURS.	FRI.
12:00- 1:00 AM	0	119	139	0	0
1:00- 2:00 AM	0	73	112	0	0
2:00- 3:00 AM	0	57	75	0	0
3:00- 4:00 AM	0	58	51	0	0
4:00- 5:00 AM	0	118	120	0	0
5:00- 6:00 AM	0	215	227	0	0
6:00- 7:00 AM	0	748	713	0	0
7:00- 8:00 AM	0	1656	0	0	0
8:00- 9:00 AM	1283	1298	0	0	0
9:00-10:00 AM	1001	1018	0	0	0
10:00-11:00 AM	1096	966	0	0	0
11:00-12:00 PM	1074	999	0	0	0
12:00- 1:00 PM	1045	995	0	0	0
1:00- 2:00 PM	1012	958	0	0	0
2:00- 3:00 PM	979	962	0	0	0
3:00- 4:00 PM	933	995	0	0	0
4:00- 5:00 PM	1156	1214	0	0	0
5:00- 6:00 PM	1318	1350	0	0	0
6:00- 7:00 PM	1022	1162	0	0	0
7:00- 8:00 PM	796	825	0	0	0
8:00- 9:00 PM	526	604	0	0	0
9:00-10:00 PM	402	477	0	0	0
10:00-11:00 PM	283	312	0	0	0
11:00-12:00 AM	215	186	0	0	0
TOTALS	14141	17365	1437	0	0

WEATHER: F F F F F
(F)air
(R)ain
(S)now
(H)oliday

REMARKS:

APPENDIX B

MANUAL TURNING MOVEMENT TRAFFIC COUNTS

TABLE OF CONTENTS

<u>INTERSECTION</u>	<u>PAGE</u>
TR 202 & Pyle Road (AM)	B-5
TR 202 & Pyle Road (PM)	B-6
TR 202 & Ridge Road (AM)	B-7
TR 202 & Ridge Road (PM)	B-8
TR 202 & Marshall Road (AM)	B-9
TR 202 & Marshall Road (PM)	B-10
TR 202/TR 322 & TR 1 Baltimore Pike/TR 322 (AM)	B-11
TR 202/TR 322 & TR 1 Baltimore Pike/TR 322 (PM)	B-12
TR 202/TR 322 & State Farm Drive (AM)	B-13
TR 202/TR 322 & State Farm Drive (PM)	B-14
TR 202/TR 322 & Old Wilmington Pike/Country Club Drive (AM)	B-15
TR 202/TR 322 & Old Wilmington Pike/Country Club Drive (PM)	B-16
TR 202/TR 322 & TR 926 Street Road (AM)	B-17
TR 202/TR 322 & TR 926 Street Road (PM)	B-18
TR 202/TR 322 & Pleasant Grove Road (AM)	B-19
TR 202/TR 322 & Pleasant Grove Road (PM)	B-20
TR 202/TR 322 & Stetson Middle School (AM)	B-21
TR 202/TR 322 & Stetson Middle School (PM)	B-22

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
TRAFFIC COUNTING

COUNTY: DELAWARE
MUNICIPALITY: BETHEL

INTERSECTION: North-South Street East-West Street
STREETS: TR 202 & PYLE RD

DATE: 9/20/91
DAY: FRI
WEATHER: FAIR

INTERVAL COUNTS STARTING TIME	1-NORTHBOUND			TR 202			2-SOUTHBOUND			3-EASTBOUND			PYLE RD			4-WESTBOUND			N-S TOTAL	E-W TOTAL	TOTAL				
	L	S	R	L	S	R	L	S	R	L	S	R	L	S	R	L	S	R							
7:00	0	194	0	0	241	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	1	10	435	10	445
7:15	0	218	3	1	291	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	3	8	513	8	521
7:30	0	264	7	1	377	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	7	14	649	14	663
7:45	0	262	13	3	346	0	0	0	0	0	0	0	0	0	0	0	0	0	19	0	7	26	624	26	650
8:00	0	215	9	2	315	0	0	0	0	0	0	0	0	0	0	0	0	0	11	0	4	15	541	15	556
8:15	0	176	15	3	227	0	0	0	0	0	0	0	0	0	0	0	0	0	11	0	2	13	421	13	434
8:30	0	149	5	3	245	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	6	10	402	10	412
8:45	0	202	14	4	358	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	6	578	6	584
9:00	0	335	16	7	471	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	22	829	22	851
9:30	0	359	20	8	447	0	0	0	0	0	0	0	0	0	0	0	0	0	15	0	4	19	834	19	853
10:00	0	397	12	7	504	0	0	0	0	0	0	0	0	0	0	0	0	0	19	0	11	30	920	30	950
10:30	0	377	16	5	410	0	0	0	0	0	0	0	0	0	0	0	0	0	14	0	9	23	808	23	831
11:00	0	442	26	1	479	0	0	0	0	0	0	0	0	0	0	0	0	0	24	0	16	40	948	40	988
11:30	0	380	16	2	444	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	8	18	842	18	860
TOTALS	0	3970	172	47	5155	0	0	0	0	0	0	0	0	0	0	0	0	0	166	0	88	254	9344	254	9598

US 202 TRAFFIC ANALYSIS FOR SECTION 100 - Delaware State Line to Matlack Street

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
TRAFFIC COUNTING

COUNTY: DELAWARE
MUNICIPALITY: BETHEL

INTERSECTION: North-South Street East-West Street
STREETS: TR 202 & PYLE RD

DATE: 9/12/91
DAY: THUR
WEATHER: FAIR

INTERVAL COUNTS

STARTING TIME	1-NORTHBOUND			TR 202			2-SOUTHBOUND			3-EASTBOUND			4-WESTBOUND			N-S TOTAL	E-W TOTAL	TOTAL	
	L	S	R	L	S	R	L	S	R	L	S	R	L	S	R				
12:00	0	479	37	516	7	449	0	456	0	0	0	0	6	0	8	14	972	14	986
12:30	0	492	25	517	8	495	0	503	0	0	0	0	8	0	12	20	1020	20	1040
1:00	0	437	28	465	5	464	0	469	0	0	0	0	14	0	9	23	934	23	957
1:30	0	468	27	495	12	451	0	463	0	0	0	0	11	0	7	18	958	18	976
2:00	0	463	24	487	9	472	0	481	0	0	0	0	10	0	6	16	968	16	984
2:30	0	480	24	504	18	486	0	504	0	0	0	0	15	0	10	25	1008	25	1033
3:00	0	508	47	555	13	498	0	511	0	0	0	0	13	0	9	22	1066	22	1088
3:30	0	585	57	642	18	492	0	510	0	0	0	0	14	0	12	26	1152	26	1178
4:00	0	312	20	332	9	296	0	305	0	0	0	0	10	0	6	16	637	16	653
4:15	0	340	24	364	6	329	0	335	0	0	0	0	9	0	11	20	699	20	719
4:30	0	393	42	435	9	305	0	314	0	0	0	0	11	0	10	21	749	21	770
4:45	0	389	32	421	6	388	0	394	0	0	0	0	6	0	8	14	815	14	829
5:00	0	425	43	468	14	397	0	411	0	0	0	0	6	0	5	11	879	11	890
5:15	0	446	40	486	13	387	0	400	0	0	0	0	8	0	6	14	886	14	900
5:30	0	402	35	437	10	391	0	401	0	0	0	0	6	0	6	12	838	12	850
5:45	0	395	30	425	7	365	0	372	0	0	0	0	4	0	5	9	797	9	806
TOTALS	0	7014	535	7549	164	6665	0	6829	0	0	0	0	151	0	130	281	14378	281	14659

US 202 TRAFFIC ANALYSIS FOR SECTION 100 - Delaware State Line to Matlack Street

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
TRAFFIC COUNTING

COUNTY: DELAWARE
MUNICIPALITY: CONCORD

INTERSECTION: North-South Street & Ridge Road
STREETS: TR 202 East-West Street & RIDGE RD

DATE: 9/25/91
DAY: WED
WEATHER: RAIN

INTERVAL COUNTS STARTING TIME	TR 202			2-SOUTHBOUND			3-EASTBOUND			RIDGE RD			4-WESTBOUND			N-S TOTAL	E-W TOTAL	TOTAL
	L	S	R	L	S	R	L	S	R	L	S	R	L	S	R			
7:00	4	199	4	2	266	3	4	3	7	14	6	1	6	13	478	27	505	
7:15	7	320	2	3	319	1	2	7	14	14	14	1	9	24	652	38	690	
7:30	3	435	2	3	437	2	2	14	22	22	19	0	15	34	882	56	938	
7:45	8	463	7	4	432	2	4	0	11	15	14	2	17	33	916	48	964	
8:00	7	323	1	8	386	2	6	1	14	21	19	0	18	37	727	58	785	
8:15	22	374	1	10	313	3	9	1	13	23	22	1	22	45	723	68	791	
8:30	7	349	5	8	286	1	6	2	10	18	13	14	8	35	656	53	709	
8:45	8	340	1	17	259	2	4	1	13	18	15	3	8	26	627	44	671	
9:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTALS	66	2803	23	2892	55	2698	16	47	13	85	145	122	22	103	247	5661	392	6053

US 202 TRAFFIC ANALYSIS FOR SECTION 100 - Delaware State Line to Matlack Street

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
TRAFFIC COUNTING

COUNTY: DELAWARE
MUNICIPALITY: CONCORD

INTERSECTION: North-South Street East-West Street
STREETS: TR 202 & RIDGE RD

DATE: 9/25/91
DAY: WED
WEATHER: RAIN

INTERVAL COUNTS STARTING TIME	TR 202			2-SOUTHBOUND			3-EASTBOUND			RIDGE RD			4-WESTBOUND			N-S TOTAL	E-W TOTAL	TOTAL
	1-NORTHBOUND			2-SOUTHBOUND			3-EASTBOUND			RIDGE RD			4-WESTBOUND					
	L	S	R	L	S	R	L	S	R	L	S	R	L	S	R			
12:00 12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
12:30 1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1:00 1:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1:30 2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2:00 2:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2:30 3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3:00 3:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3:30 4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4:00 4:15	33	354	3	16	283	0	6	8	15	29	31	4	14	49	700	78	778	
4:15 4:30	22	400	7	21	376	6	9	4	7	20	28	10	9	47	832	67	899	
4:30 4:45	29	406	10	39	380	7	13	6	13	32	27	5	16	48	871	80	951	
4:45 5:00	27	419	7	29	386	7	4	10	21	42	19	4	13	36	875	57	932	
5:00 5:15	35	492	3	27	325	8	7	4	15	39	23	3	10	36	890	75	965	
5:15 5:30	19	475	10	29	390	9	3	4	5	12	19	5	12	36	932	48	980	
5:30 5:45	28	434	2	44	325	2	2	0	10	12	21	4	14	39	835	51	886	
5:45 6:00	27	450	3	45	341	5	7	1	8	16	28	4	14	46	871	62	933	
TOTALS	220	3430	45	250	2806	55	62	36	83	181	196	39	102	337	6806	518	7324	

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
TRAFFIC COUNTING

COUNTY: DELAWARE
MUNICIPALITY: BIRMINGHAM

INTERSECTION: North-South Street East-West Street
STREETS: TR 202 & MARSHALL RD

DATE: 9/6/91
DAY: FRI
WEATHER: FAIR

INTERVAL COUNTS STARTING TIME	1-NORTHBOUND			TR 202			2-SOUTHBOUND			3-EASTBOUND			MARSHALL RD			4-WESTBOUND			N-S TOTAL	E-W TOTAL	TOTAL
	L	S	R	L	S	R	L	S	R	L	S	R	L	S	R	L	S	R			
7:00 7:15	0	312	4	2	386	0	0	0	0	0	0	0	0	0	0	14	0	6	704	20	724
7:15 7:30	0	332	9	8	392	0	0	0	0	0	0	0	0	0	0	12	0	8	741	20	761
7:30 7:45	0	418	15	6	436	0	0	0	0	0	0	0	0	0	20	0	9	875	29	904	
7:45 8:00	0	265	29	7	286	0	0	0	0	0	0	0	0	0	18	0	12	587	30	617	
8:00 8:15	0	352	14	8	359	0	0	0	0	0	0	0	0	0	17	0	6	733	23	756	
8:15 8:30	0	348	14	4	282	0	0	0	0	0	0	0	0	0	12	0	9	648	21	669	
8:30 8:45	0	321	9	5	344	0	0	0	0	0	0	0	0	0	6	0	3	679	9	688	
8:45 9:00	0	340	3	0	358	0	0	0	0	0	0	0	0	0	13	0	6	701	19	720	
9:00 9:30	0	488	6	7	519	0	0	0	0	0	0	0	0	0	14	0	4	1020	18	1038	
9:30 10:00	0	460	4	4	462	0	0	0	0	0	0	0	0	0	9	0	7	930	16	946	
10:00 10:30	0	422	2	2	438	0	0	0	0	0	0	0	0	0	8	0	4	864	12	876	
10:30 11:00	0	526	4	0	500	0	0	0	0	0	0	0	0	0	8	0	0	1030	8	1038	
11:00 11:30	0	479	8	5	509	0	0	0	0	0	0	0	0	0	15	0	11	1001	26	1027	
11:30 12:00	0	495	11	7	515	0	0	0	0	0	0	0	0	0	11	0	8	1028	19	1047	
TOTALS	0	5558	132	65	5786	0	0	0	0	0	0	0	0	0	177	0	93	11541	270	11811	

US 202 TRAFFIC ANALYSIS FOR SECTION 100 - Delaware State Line to Matlack Street

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
TRAFFIC COUNTING

COUNTY: DELAWARE
MUNICIPALITY: BIRMINGHAM

INTERSECTION: North-South Street East-West Street
STREETS: TR 202 & MARSHALL RD

DATE: 9/16/91
DAY: MON
WEATHER: FAIR/HOT

INTERVAL COUNTS

STARTING TIME	1-NORTHBOUND			TR 202			2-SOUTHBOUND			3-EASTBOUND			MARSHALL RD			4-WESTBOUND			N-S TOTAL	E-W TOTAL	TOTAL	
	L	S	R	L	S	R	L	S	R	L	S	R	L	S	R	L	S	R				
12:00	0	562	16	578	0	574	0	580	0	0	0	0	0	0	0	8	0	14	22	1158	22	1180
12:30	0	672	32	704	21	588	0	609	0	0	0	0	0	0	18	0	4	22	1313	22	1335	
1:00	0	630	30	660	13	572	0	585	0	0	0	0	0	15	0	4	19	1245	19	1264		
1:30	0	451	11	462	3	456	0	459	0	0	0	0	0	10	0	1	11	921	11	932		
2:00	0	530	18	548	4	470	0	474	0	0	0	0	0	5	0	6	11	1022	11	1033		
2:30	0	461	13	474	5	548	0	553	0	0	0	0	0	11	0	4	15	1027	15	1042		
3:00	0	561	18	579	6	522	0	528	0	0	0	0	0	9	0	10	19	1107	19	1126		
3:30	0	573	32	605	11	610	0	621	0	0	0	0	0	12	0	8	20	1226	20	1246		
4:00	0	287	23	310	5	269	0	274	0	0	0	0	0	7	0	3	10	584	10	594		
4:15	0	298	30	328	8	274	0	282	0	0	0	0	0	8	0	3	11	610	11	621		
4:30	0	307	11	318	8	299	0	307	0	0	0	0	0	17	0	1	18	625	18	643		
4:45	0	358	13	371	6	377	0	383	0	0	0	0	0	7	0	5	12	754	12	766		
5:00	0	439	28	467	15	411	0	426	0	0	0	0	0	6	0	4	10	893	10	903		
5:15	0	422	19	441	17	360	0	377	0	0	0	0	0	16	0	1	17	818	17	835		
5:30	0	396	17	413	22	472	0	494	0	0	0	0	0	18	0	0	18	907	18	925		
5:45	0	414	20	434	19	397	0	416	0	0	0	0	0	14	0	2	16	850	16	866		
TOTALS	0	7361	331	7692	169	7199	0	7368	0	0	0	0	0	181	0	70	251	15060	251	15311		

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
TRAFFIC COUNTING

COUNTY: DELAWARE
MUNICIPALITY: BIRMINGHAM

INTERSECTION: North-South Street & TR 1 BALT PK/TR 322
STREETS: TR 202/TR 322 East-West Street

DATE: 9/26/91
DAY: THURS
WEATHER: FAIR

INTERVAL COUNTS

STARTING TIME	TR 202/TR 322			2-SOUTHBOUND			3-EASTBOUND			TR 1 BALT PK/TR 322			4-WESTBOUND			N-S TOTAL	E-W TOTAL	TOTAL	
	L	S	R	L	S	R	L	S	R	L	S	R	L	S	R				
7:00	31	187	20	130	260	24	414	29	235	19	283	39	104	64	207	652	490	1142	
7:15	28	311	29	368	123	351	16	490	44	209	7	260	69	90	103	858	522	1380	
7:30	37	336	29	402	100	379	15	494	42	183	1	226	73	125	89	896	513	1409	
7:45	31	250	40	321	106	297	20	423	55	186	7	248	104	143	110	744	605	1349	
8:00	33	230	33	296	132	322	29	483	42	193	5	240	67	106	130	779	543	1322	
8:15	26	211	24	261	125	313	20	458	49	184	10	243	84	136	102	719	565	1284	
8:30	34	207	26	267	92	250	28	370	35	145	19	199	53	109	85	637	446	1083	
8:45	36	169	33	238	108	212	29	349	47	146	18	211	62	114	92	587	479	1066	
9:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTALS	256	1901	234	2391	916	2384	181	3481	343	1481	86	1910	551	927	775	2253	5872	4163	10035

US 202 TRAFFIC ANALYSIS FOR SECTION 100 - Delaware State Line to Matlack Street

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
TRAFFIC COUNTING

COUNTY: DELAWARE
MUNICIPALITY: BIRMINGHAM

INTERSECTION: North-South Street East-West Street
STREETS: TR 202/TR 322 & TR 1 BALT PK/TR 322

DATE: 9/26/91
DAY: THURS
WEATHER: FAIR

INTERVAL COUNTS

STARTING TIME	TR 202/TR 322			TR 1 BALT PK/TR 322			3-EASTBOUND			4-WESTBOUND			N-S TOTAL	E-W TOTAL	TOTAL				
	L	S	R	L	S	R	L	S	R	L	S	R							
12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
1:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
2:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
3:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
4:00	75	341	55	140	290	12	442	54	168	29	251	60	241	60	612				
4:15	33	155	20	120	310	12	442	43	170	26	239	69	235	72	615				
4:30	55	298	50	148	350	27	525	40	151	14	205	69	230	62	566				
4:45	57	262	46	114	284	25	423	42	138	23	203	95	202	68	568				
5:00	62	289	75	145	310	23	478	53	172	40	265	55	210	76	606				
5:15	58	318	55	159	299	26	484	59	171	27	257	81	203	62	603				
5:30	62	268	45	132	368	20	520	48	144	24	216	82	250	73	621				
5:45	59	237	38	91	335	21	447	54	156	19	229	110	210	79	628				
TOTALS	461	2168	384	3013	1049	2546	166	3761	393	1270	202	1865	621	1781	552	2954	6774	4819	11593

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
TRAFFIC COUNTING

COUNTY: DELAWARE
MUNICIPALITY: CONCORD

INTERSECTION: North-South Street East-West Street
STREETS: TR 202/TR 322 & STATE FARM DR

DATE: 9/24/91
DAY: TUESDAY
WEATHER: FAIR

INTERVAL COUNTS

STARTING TIME	1-NORTHBOUND			TR 202/TR 322			2-SOUTHBOUND			3-EASTBOUND			STATE FARM DR			4-WESTBOUND			N-S TOTAL	E-W TOTAL	TOTAL	
	L	S	R	L	S	R	L	S	R	L	S	R	L	S	R	L	S	R				
7:00	0	284	18	40	251	0	291	0	2	1	2	3	1	0	32	33	0	36	593	36	629	
7:15	0	280	24	43	259	2	304	2	0	4	0	1	4	0	40	44	0	45	608	45	653	
7:30	2	372	24	40	339	3	382	3	0	6	1	5	6	0	45	51	0	56	780	56	836	
7:45	4	353	12	56	392	12	460	12	2	5	2	10	0	5	30	35	0	45	829	45	874	
8:00	5	340	9	11	398	11	420	11	1	4	4	12	4	3	39	46	0	58	774	58	832	
8:15	6	287	7	11	321	7	339	7	0	2	1	7	2	1	22	25	0	32	639	32	671	
8:30	4	262	2	13	267	10	290	10	2	4	3	11	4	4	21	29	0	40	558	40	598	
8:45	9	222	1	18	285	7	310	7	0	1	5	10	1	7	35	43	0	53	542	53	595	
9:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	30	2400	97	2527	232	2512	52	2796	34	6	19	59	22	20	264	306	5323	365	5688	365	5688	

US 202 TRAFFIC ANALYSIS FOR SECTION 100 - Delaware State Line to Matlack Street

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
TRAFFIC COUNTING

COUNTY: DELAWARE
MUNICIPALITY: CONCORD

INTERSECTION: North-South Street East-West Street
STREETS: TR 202/TR 322 & STATE FARM DR

DATE: 9/24/91
DAY: TUESDAY
WEATHER: FAIR

INTERVAL COUNTS

STARTING TIME	1-NORTHBOUND			2-SOUTHBOUND			3-EASTBOUND			STATE FARM DR			4-WESTBOUND			N-S TOTAL	E-W TOTAL	TOTAL
	L	S	R	L	S	R	L	S	R	L	S	R	L	S	R			
12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4:00	12	330	2	10	284	12	306	14	4	7	25	11	4	50	65	90	740	
4:15	20	406	9	9	453	10	472	18	3	4	25	53	9	93	155	180	1087	
4:30	21	407	3	14	378	18	410	14	2	6	22	22	10	70	102	124	965	
4:45	20	416	3	7	473	14	494	13	6	5	24	4	9	65	78	102	1035	
5:00	16	350	1	6	362	26	394	14	1	5	20	3	3	42	48	68	829	
5:15	12	437	2	10	392	27	429	41	3	6	50	11	9	59	79	129	1009	
5:30	19	434	1	12	399	24	435	37	3	7	47	5	7	63	75	122	1011	
5:45	14	424	0	14	426	22	462	43	2	4	49	4	10	70	84	133	1033	
TOTALS	134	3204	21	82	3167	153	3402	194	24	44	262	113	61	512	686	948	7709	

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
TRAFFIC COUNTING

COUNTY: DELAWARE
MUNICIPALITY: BIRMINGHAM

INTERSECTION: North-South Street & East-West Street
STREETS: TR 202/TR 322 & OLD WILM PK/COUNTRY CLUB DR

DATE: 9/26/91
DAY: THURS
WEATHER: FAIR

INTERVAL COUNTS

STARTING TIME	TR 202/TR 322			2-SOUTHBOUND			3-EASTBOUND			OLD WILM PK/COUNTRY CLUB DR			4-WESTBOUND			N-S TOTAL	E-W TOTAL	TOTAL	
	L	S	R	L	S	R	L	S	R	L	S	R	L	S	R				
7:00	3	330	1	334	2	427	9	438	0	0	4	4	0	1	4	5	772	9	781
7:15	5	438	2	445	3	432	12	447	3	0	4	4	3	0	4	7	892	11	903
7:30	0	466	2	468	6	517	11	534	0	1	4	5	0	1	0	1	1002	6	1008
7:45	9	408	1	418	6	523	15	544	2	0	8	10	1	0	5	6	962	16	978
8:00	9	377	4	390	5	440	11	456	4	0	2	6	1	0	2	3	846	9	855
8:15	6	443	1	450	10	393	20	423	0	0	2	2	0	0	3	3	873	5	878
8:30	4	307	3	314	4	359	10	373	1	0	3	4	1	0	3	4	687	8	695
8:45	4	336	5	345	11	354	11	376	1	0	3	4	1	0	3	4	721	8	729
9:00	12	662	4	678	12	671	21	704	3	0	2	5	6	1	6	13	1382	18	1400
9:30	10	512	4	526	11	630	10	651	4	0	4	8	3	1	10	14	1177	22	1199
10:00	6	528	14	548	16	553	14	583	3	0	11	14	2	1	9	12	1131	26	1157
10:30	12	537	10	559	10	572	18	600	4	0	10	14	5	0	14	19	1159	33	1192
11:00	19	587	11	617	12	629	23	664	2	0	5	7	2	1	6	9	1281	16	1297
11:30	11	604	12	627	14	636	20	670	4	0	8	12	3	0	7	10	1297	22	1319
TOTALS	110	6535	74	6719	122	7136	205	7463	31	1	67	99	28	6	76	110	14182	209	14391

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
TRAFFIC COUNTING

COUNTY: DELAWARE
MUNICIPALITY: BIRMINGHAM

INTERSECTION: North-South Street East-West Street
STREETS: TR 202/TR 322 & OLD WILM PK/COUNTRY CLUB DR

DATE: 9/23/91
DAY: MON
WEATHER: FAIR

INTERVAL COUNTS STARTING TIME	1-NORTHBOUND			2-SOUTHBOUND			3-EASTBOUND			4-WESTBOUND			N-S TOTAL	E-W TOTAL	TOTAL		
	L	S	R	L	S	R	L	S	R	L	S	R					
12:00 12:30	22	608	9	14	697	37	748	7	0	9	16	3	2	7	1387	28	1415
12:30 1:00	20	563	5	15	648	26	689	6	0	8	14	4	0	6	1277	24	1301
1:00 1:30	24	619	7	6	595	71	672	4	0	5	9	1	1	4	1322	15	1337
1:30 2:00	17	597	4	12	429	24	465	9	1	8	18	6	2	16	1083	42	1125
2:00 2:30	16	592	8	6	721	27	754	3	0	7	10	3	2	9	1370	24	1394
2:30 3:00	19	615	10	14	705	31	750	0	0	5	5	4	1	7	1394	17	1411
3:00 3:30	20	669	6	13	674	35	722	8	0	6	14	2	0	10	1417	26	1443
3:30 4:00	25	777	3	8	614	27	649	3	0	5	8	2	0	4	1454	14	1468
4:00 4:15	11	400	1	4	412	3	259	6	0	6	12	0	0	4	693	16	709
4:15 4:30	14	397	5	4	292	11	307	6	0	2	8	1	0	1	723	10	733
4:30 4:45	13	464	6	3	410	13	426	3	0	2	5	0	0	2	909	7	916
4:45 5:00	11	458	9	10	451	21	482	2	0	2	4	0	0	4	960	8	968
5:00 5:15	13	442	6	6	498	23	527	2	0	3	5	2	0	6	988	13	1001
5:15 5:30	14	460	13	8	371	18	397	0	0	2	2	2	0	4	884	7	891
5:30 5:45	16	457	11	10	389	19	418	1	0	3	4	2	1	5	902	12	914
5:45 6:00	11	475	8	9	402	16	427	2	0	0	7	2	0	3	921	12	933
TOTALS	266	8593	111	141	8155	418	8714	62	1	78	141	33	9	92	17684	275	17959

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
TRAFFIC COUNTING

COUNTY: CHESTER
MUNICIPALITY: WESTTOWN/THORNBURY

INTERSECTION: North-South Street East-West Street
STREETS: TR 202/TR 322 & TR 926 STREET ROAD

DATE: 01/25/90
DAY: THURSDAY
WEATHER: RAIN

INTERVAL COUNTS

STARTING TIME	TR 202/TR 322			2-SOUTHBOUND			3-EASTBOUND			TR 926 STREET ROAD			N-S TOTAL			E-W TOTAL			TOTAL
	L	S	R	L	S	R	L	S	R	L	S	R	L	S	R	L	S	R	
7:00	2	325	9	23	363	46	432	90	21	2	113	26	28	5	59	768	172	940	
7:15	1	380	9	17	411	40	468	97	40	3	140	42	29	8	79	858	219	1077	
7:30	4	418	13	29	411	39	479	89	47	3	139	56	38	17	111	914	250	1164	
7:45	12	328	6	26	445	20	491	99	37	2	138	45	26	15	86	837	224	1061	
8:00	5	315	1	22	380	24	426	90	41	6	137	31	28	16	75	747	212	959	
8:15	9	335	10	24	342	27	383	91	29	12	132	49	25	12	86	747	218	965	
8:30	3	379	7	14	358	14	386	79	32	11	122	34	29	18	81	775	203	978	
8:45	4	280	4	16	351	30	397	62	26	17	105	29	24	15	68	685	173	858	
9:00	3	561	9	39	560	46	645	65	47	32	144	48	46	27	121	1218	265	1483	
9:30	11	527	17	55	545	42	625	63	44	29	136	49	44	32	125	1180	261	1441	
10:00	4	538	8	41	453	32	526	90	49	17	156	45	34	18	97	1076	253	1329	
10:30	10	565	12	37	516	50	603	84	36	22	142	52	33	20	105	1190	247	1437	
11:00	10	574	7	40	477	33	550	58	39	9	106	41	42	18	101	1141	207	1348	
11:30	14	531	11	42	490	41	573	71	45	16	132	49	67	27	143	1129	275	1404	
TOTALS	92	6056	123	6271	408	6102	484	6994	1128	533	181	1842	596	493	248	13265	3179	16444	

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
TRAFFIC COUNTING

COUNTY: CHESTER
MUNICIPALITY: WESTTOWN/THORNBURY

INTERSECTION: North-South Street East-West Street
STREETS: TR 202/TR 322 & TR 926 STREET ROAD

DATE: 01/25/90
DAY: THURSDAY
WEATHER: RAIN

INTERVAL COUNTS

STARTING TIME	TR 202/TR 322			2-SOUTHBOUND			3-EASTBOUND			TR 926 STREET ROAD			N-S TOTAL	E-W TOTAL	TOTAL			
	L	S	R	L	S	R	L	S	R	L	S	R						
12:00	24	499	41	47	498	37	582	68	32	18	118	25	81	36	142	1146	260	1406
12:30	27	537	46	56	535	44	635	70	26	21	117	28	99	40	167	1245	284	1529
1:00	28	509	38	46	449	30	525	72	51	13	136	36	79	37	152	1100	288	1388
1:30	17	492	48	55	519	59	633	53	41	8	102	31	64	38	133	1190	235	1425
2:00	19	517	35	50	486	47	583	64	48	11	123	28	71	41	140	1154	263	1417
2:30	15	505	33	55	494	44	593	70	51	12	133	22	45	36	103	1146	236	1382
3:00	4	605	54	59	599	71	729	73	62	10	145	33	58	58	149	1392	294	1686
3:30	12	592	64	58	650	60	768	86	49	10	145	43	67	53	163	1436	308	1744
4:00	4	387	23	27	378	44	449	41	30	2	73	14	32	27	73	863	146	1009
4:15	6	372	34	33	348	49	430	44	36	5	85	12	34	32	78	842	163	1005
4:30	16	351	41	37	393	67	497	47	43	5	95	13	37	32	82	905	177	1082
4:45	10	382	35	28	345	55	428	49	33	5	87	20	41	27	88	855	175	1030
5:00	12	384	39	42	395	70	507	43	42	6	91	15	61	33	109	942	200	1142
5:15	30	381	13	41	406	63	510	49	29	5	83	12	56	25	93	934	176	1110
5:30	17	396	19	38	381	58	477	35	32	8	75	17	73	29	119	909	194	1103
5:45	24	357	22	30	375	67	472	42	30	12	84	11	66	34	111	875	195	1070
TOTALS	265	7266	585	702	7251	865	8818	906	635	151	1692	360	964	578	1902	16934	3594	20528

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
TRAFFIC COUNTING

COUNTY: DELAWARE
MUNICIPALITY: WESTTOWN

INTERSECTION: North-South Street & East-West Street
STREETS: TR 202/TR 322 & PLEASANT GROVE RD

DATE: 9/17/91
DAY: TUESDAY
WEATHER: FAIR/HOT

INTERVAL COUNTS

STARTING TIME	1-NORTHBOUND			TR 202/TR 322			2-SOUTHBOUND			3-EASTBOUND			PLEASANT GROVE RD			4-WESTBOUND			N-S TOTAL	E-W TOTAL	TOTAL
	L	S	R	L	S	R	L	S	R	L	S	R	L	S	R	L	S	R			
7:00	2	399	3	404	4	237	2	243	0	0	0	0	0	0	0	0	0	0	647	0	647
7:15	1	426	2	429	5	221	0	226	0	0	0	0	0	0	0	0	0	0	655	9	664
7:30	0	434	4	438	2	208	2	212	0	0	0	0	0	0	0	0	0	0	650	10	660
7:45	0	450	4	454	5	338	0	343	1	0	2	3	4	0	0	0	0	0	797	11	808
8:00	0	444	2	446	6	331	4	341	3	0	1	4	4	0	0	0	0	0	787	7	794
8:15	1	354	2	357	6	278	2	286	1	0	0	1	2	0	0	1	0	0	643	4	647
8:30	2	256	0	258	0	250	2	252	1	0	1	2	2	0	0	0	0	0	510	10	520
8:45	3	272	3	278	0	257	1	258	2	2	0	4	4	0	0	0	0	0	536	10	546
9:00	7	587	3	597	5	471	6	482	4	2	0	6	6	0	0	1	0	0	1079	15	1094
9:30	3	481	4	488	8	398	0	406	2	2	1	5	5	0	0	0	0	0	894	14	908
10:00	3	568	7	578	8	428	2	438	3	0	0	3	3	1	0	13	0	0	1016	17	1033
10:30	2	596	4	602	10	420	0	430	2	1	0	3	3	0	0	9	0	0	1032	12	1044
11:00	2	567	4	573	8	433	4	445	2	0	0	2	2	4	1	6	1	0	1018	13	1031
11:30	4	632	14	650	10	478	2	490	2	0	0	2	2	4	2	8	0	0	1140	16	1156
TOTALS	30	6466	56	6552	77	4748	27	4852	23	7	10	40	40	11	4	93	108	11404	148	11552	

US 202 TRAFFIC ANALYSIS FOR SECTION 100 - Delaware State Line to Matlack Street

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
TRAFFIC COUNTING

COUNTY: DELAWARE
MUNICIPALITY: WESTTOWN

INTERSECTION: North-South Street East-West Street
STREETS: TR 202/TR 322 & PLEASANT GROVE RD

DATE: 9/17/91
DAY: TUESDAY
WEATHER: FAIR/HOT

INTERVAL COUNTS

STARTING TIME	1-NORTHBOUND			2-SOUTHBOUND			3-EASTBOUND			4-WESTBOUND			N-S TOTAL	E-W TOTAL	TOTAL
	L	S	R	L	S	R	L	S	R	L	S	R			
12:00	6	530	2	16	428	2	0	2	0	2	0	2	984	6	990
12:30	7	627	5	22	533	5	0	1	1	2	0	3	1199	6	1205
1:00	5	564	10	13	518	3	3	1	2	6	0	9	1113	17	1130
1:30	4	764	6	30	502	2	534	1	1	12	4	20	1308	32	1340
2:00	6	656	29	15	419	6	440	2	2	4	0	8	1131	12	1143
2:30	5	531	11	15	418	9	442	0	0	0	0	5	989	5	994
3:00	12	623	5	34	543	11	588	0	0	0	0	9	1228	12	1240
3:30	10	675	4	33	569	10	612	0	3	5	2	4	1301	11	1312
4:00	11	399	5	16	389	7	412	0	1	1	2	0	827	13	840
4:15	5	441	25	28	359	1	388	0	0	1	0	10	859	11	870
4:30	6	445	10	21	394	2	417	0	0	2	1	14	878	19	897
4:45	4	634	11	8	353	9	370	1	0	2	0	3	1019	5	1024
5:00	2	556	2	13	390	12	415	0	2	0	0	7	975	9	984
5:15	8	537	4	22	494	12	528	0	1	0	0	11	1077	12	1089
5:30	7	525	3	17	431	0	448	1	0	2	1	8	983	12	995
5:45	4	531	5	19	402	0	421	0	1	1	1	12	961	15	976
TOTALS	102	9038	137	322	7142	91	7555	17	14	15	46	151	16832	197	17029

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
TRAFFIC COUNTING

COUNTY: DELAWARE
MUNICIPALITY: WESTTOWN

INTERSECTION: North-South Street & East-West Street
STREETS: TR 202/TR 322 & STETSON MIDDLE SCHOOL

DATE: 9/27/91
DAY: FRI
WEATHER: FAIR

INTERVAL COUNTS

STARTING TIME	1-NORTHBOUND			TR 202/TR 322			2-SOUTHBOUND			3-EASTBOUND			STETSON MIDDLE SCHOOL 4-WESTBOUND			N-S TOTAL	E-W TOTAL	TOTAL
	L	S	R	L	S	R	L	S	R	L	S	R	L	S	R			
7:00	7	486	2	495	1	386	14	401	6	1	3	10	0	0	1	896	11	907
7:15	9	622	1	632	2	422	15	439	8	0	4	12	0	0	3	1071	15	1086
7:30	21	624	2	647	0	626	18	644	14	0	4	18	0	0	2	1291	20	1311
7:45	14	635	1	650	3	501	22	526	12	1	6	19	0	0	0	1176	19	1195
8:00	6	617	0	623	2	468	14	484	10	0	6	16	0	0	0	1107	16	1123
8:15	8	548	0	556	6	332	16	354	14	6	4	24	0	0	2	910	26	936
8:30	16	580	4	600	11	376	12	399	14	0	8	22	0	0	0	999	22	1021
8:45	5	488	0	493	4	428	4	436	6	2	2	10	2	0	2	929	12	941
9:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	86	4600	10	4696	29	3539	115	3683	84	10	37	131	2	0	8	8379	141	8520

US 202 TRAFFIC ANALYSIS FOR SECTION 100 - Delaware State Line to Matlack Street

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STARTING TIME	1-NORTHBOUND			TR 202/TR 322			2-SOUTHBOUND			3-EASTBOUND			STETSON MIDDLE SCHOOL 4-WESTBOUND			N-S TOTAL	E-W TOTAL	TOTAL
	L	S	R	L	S	R	L	S	R	L	S	R	L	S	R			
12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00	4	244	2	250	2	208	2	212	4	4	4	8	15	15	462	8	470	0
2:30	0	267	7	274	3	213	6	222	7	1	7	15	14	18	496	15	511	0
3:00	17	332	13	362	3	352	4	359	27	0	20	47	14	18	721	47	739	0
3:30	0	958	16	974	10	1047	13	1070	6	0	7	13	0	0	2044	13	2091	0
4:00	1	432	16	449	15	498	14	527	17	0	8	25	0	0	976	25	989	0
4:15	0	503	12	515	6	632	10	648	18	0	10	28	0	0	1163	28	1188	0
4:30	0	466	4	470	9	648	10	667	13	0	4	17	0	0	1137	17	1165	0
4:45	0	301	2	303	6	337	5	348	0	0	0	0	0	0	651	0	668	0
5:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	22	3503	72	3597	54	3935	64	4053	95	2	74	171	0	0	7650	171	7821	0