
**US 202 TRAFFIC ANALYSIS
SECTION 700
PA 309 TO DOYLESTOWN BYPASS**



SECTION 700

March 1992



Delaware Valley Regional Planning Commission

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Delaware Valley Regional Planning Commission
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Philadelphia, PA 19106

This report, prepared by the Delaware Valley Regional Planning Commission, was financed by the Pennsylvania Department of Transportation and the Federal Highway Administration. The authors, however, are solely responsible for its finding and conclusions, which may not represent the official views or policies of the funding agencies.

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DELAWARE VALLEY REGIONAL PLANNING COMMISSION

Publication Abstract

TITLE	Date Published: March 1992
US 202 TRAFFIC ANALYSIS SECTION 700 PA 309 TO Doylestown Bypass	Publication No. 92009

Geographic Area Covered:

The US 202 Corridor for Section 700 includes the following municipalities in Bucks County; New Britain and Doylestown townships, Chalfont and New Britain boroughs; in Montgomery County; Montgomery Township.

Key Words:

US 202 Section 700, 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 nine-mile segment of US 202 between PA 309 and the Doylestown Bypass in Bucks and Montgomery counties. 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 700 and the adjoining Section 600 in Montgomery County. The Delaware Valley Regional Planning Commission's regional travel simulation model was used to estimate future traffic volumes for six alternatives. These alternatives included: no-build, TSM improvements, construction of a new controlled access arterial with and without widening US 202 in Section 600, widening of Upper State Road, and widening of Stump Road.

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EXECUTIVE SUMMARY

This report presents Year 1998 and 2018 traffic forecasts for six alternative configurations of the nine-mile segment of US 202 which lies between PA 309 and the Doylestown Bypass. This segment of US 202, which crosses portions of Bucks and Montgomery counties, is known as Section 700, and is one of eight sections of US 202 under study by the Pennsylvania Department of Transportation (PennDOT) for traffic improvements. This report was prepared at request of PennDOT to provide traffic forecasts for its consultants, who are conducting environmental impact and preliminary engineering studies for this portion of US 202.

Six alternatives were investigated: a no-build alternative; a TSM alternative; construction of a new controlled access arterial on new right of way from Welsh Road (PA 63) to the Doylestown Bypass (PA 611) (assuming widening of US 202 Section 600 Johnson Highway to PA 309); widening of Upper State Road to four lanes; widening of Stump Road to four lanes; and finally, construction of the new controlled access arterial without widening of US 202 Section 600.

In preparation for projecting future traffic volumes, traffic counts and turning movement counts were collected throughout the study area. Municipal and county planners were contacted to identify the significant proposed land use developments within the corridor. Trip generation estimates from these proposed developments were used to surcharge DVRPC's Year 2015 regional highway trip table to make it representative of 2018 traffic conditions. DVRPC's focused traffic simulation model was then used to prepare 1998 and 2018 traffic volume estimates for study area roadways under each of the six alternative highway configurations.

Under the no-build alternative, Year 2018 traffic in Section 700 is projected to be moderately higher than current conditions. On US 202 traffic is projected to increase from 21 to 35 percent over existing volumes. As a result of congestion on existing US 202, volumes on the parallel roads will sustain larger increases (56 to 210 %). Traffic projections under the TSM alternative are for the most part similar to the no-build volumes. At localized intersections, traffic increases of up to 12 percent are projected to occur as a result of TSM improvements.

The construction of a new alignment four lane arterial in Section 700 together with widening of existing US 202 in Section 600 will have a significant impact on corridor travel patterns. Projected travel volumes on the new facility range from 32,500 to 37,400 daily vehicles. Much of this traffic is diverted off of parallel roadways. Widening either Upper State Road or Stump Road has a similar impact on corridor-wide traffic patterns, although projected traffic volumes on the widened roadway are increased by 130 to 487 percent over estimates that assume construction of the new alignment arterial. The widening US 202 in Section 600 does not have great impact on traffic projections for the controlled access arterial in Section 700.

I. INTRODUCTION

The Pennsylvania Department of Transportation (PennDOT) has divided US 202 into eight separate sections for planning and design purposes (see Figure 1). The traffic congestion and development potential 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 proposed improvements in several sections of US 202.

This report focuses on the 9-mile section of US 202 in Montgomery and Bucks counties from PA 309 to the Doylestown Bypass, known as Section 700. As part of the EIS for this section of US 202, PennDOT has requested the Delaware Valley Regional Planning Commission (DVRPC) to prepare traffic forecasts for six alternatives. These forecasts represent the daily traffic volumes expected on US 202 and a network of surrounding streets in the years 1998 and 2018.

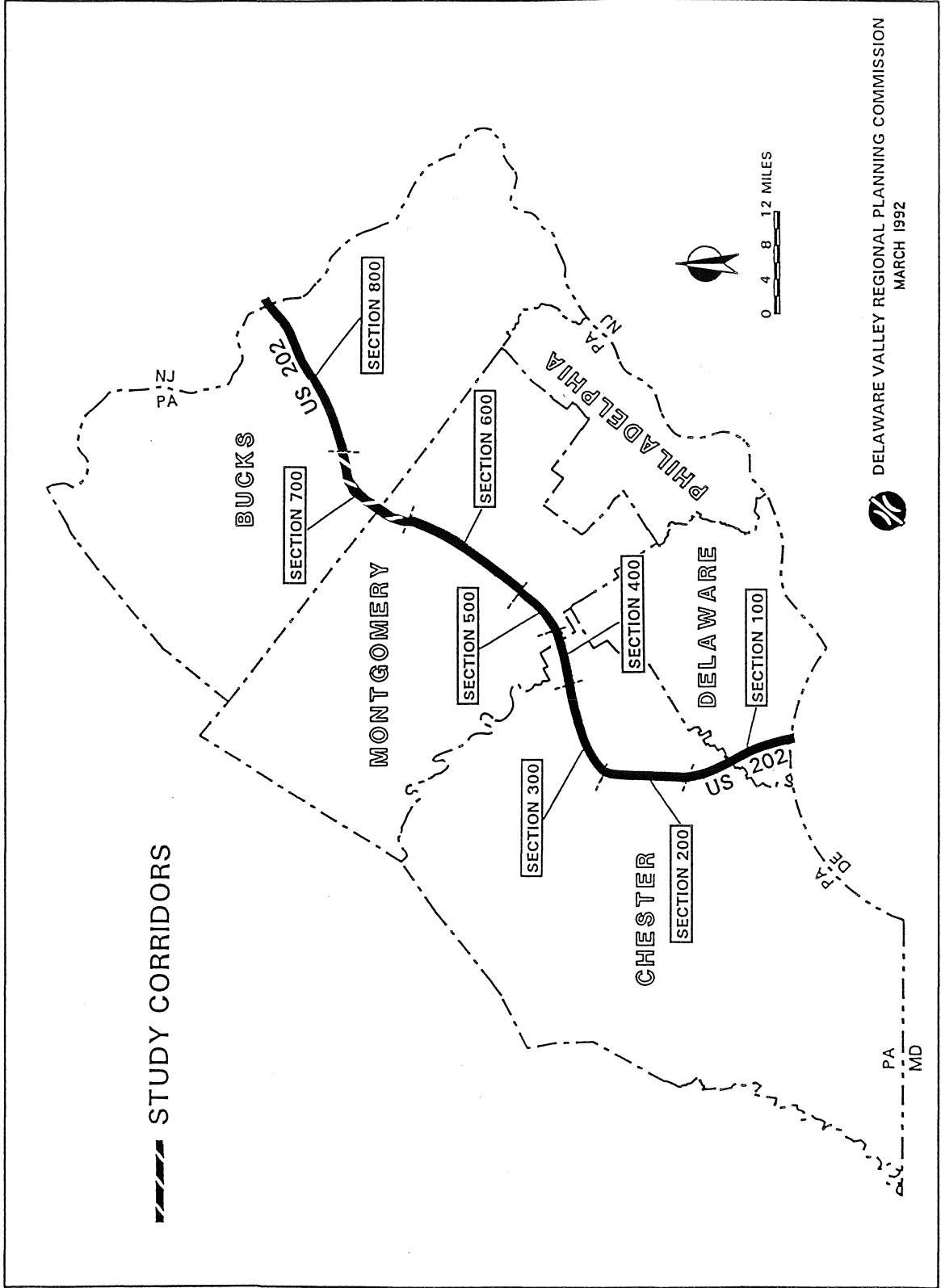
Part II of this report documents the existing physical characteristics of the US 202 corridor within Section 700. Included are a brief description of existing land use and the physical characteristics of US 202 and the surrounding roadway network. Current traffic volumes on US 202 and other corridor roadways are also presented in this section of the report.

The six alternatives analyzed in this study are documented in Part III. These alternatives range from a no-build option to a build alternative that proposes to construct a new four-lane controlled access facility on new alignment from Welsh Road (PA 63) to the PA 611 bypass.

Part IV documents the travel forecasting methodology with a discussion of the focused traffic simulation model used to develop the traffic projections. The regional demographic and employment forecasts and corridor specific future development proposals which form the basis for the forecast are also presented here.

The final section of the report (Part V) presents an analysis of the travel forecasts for the US 202 Section 700 corridor. These forecasts include projected daily traffic volumes for US 202 and the surrounding network for the six alternatives.

Figure 1: US 202 LOCATION MAP



II. THE US 202 CORRIDOR

Section 700 includes the nine mile segment of US 202 from the intersection of US 202 and Welsh Road (PA 63) to the Doylestown Bypass (PA 611). The corridor defined by this roadway (see Figure 2) traverses all or part the following five municipalities: Bucks County's New Britain Township, Chalfont Borough, New Britain Borough and Doylestown Township; and Montgomery Township in Montgomery County.

1. Existing Highway Facilities and Land Uses

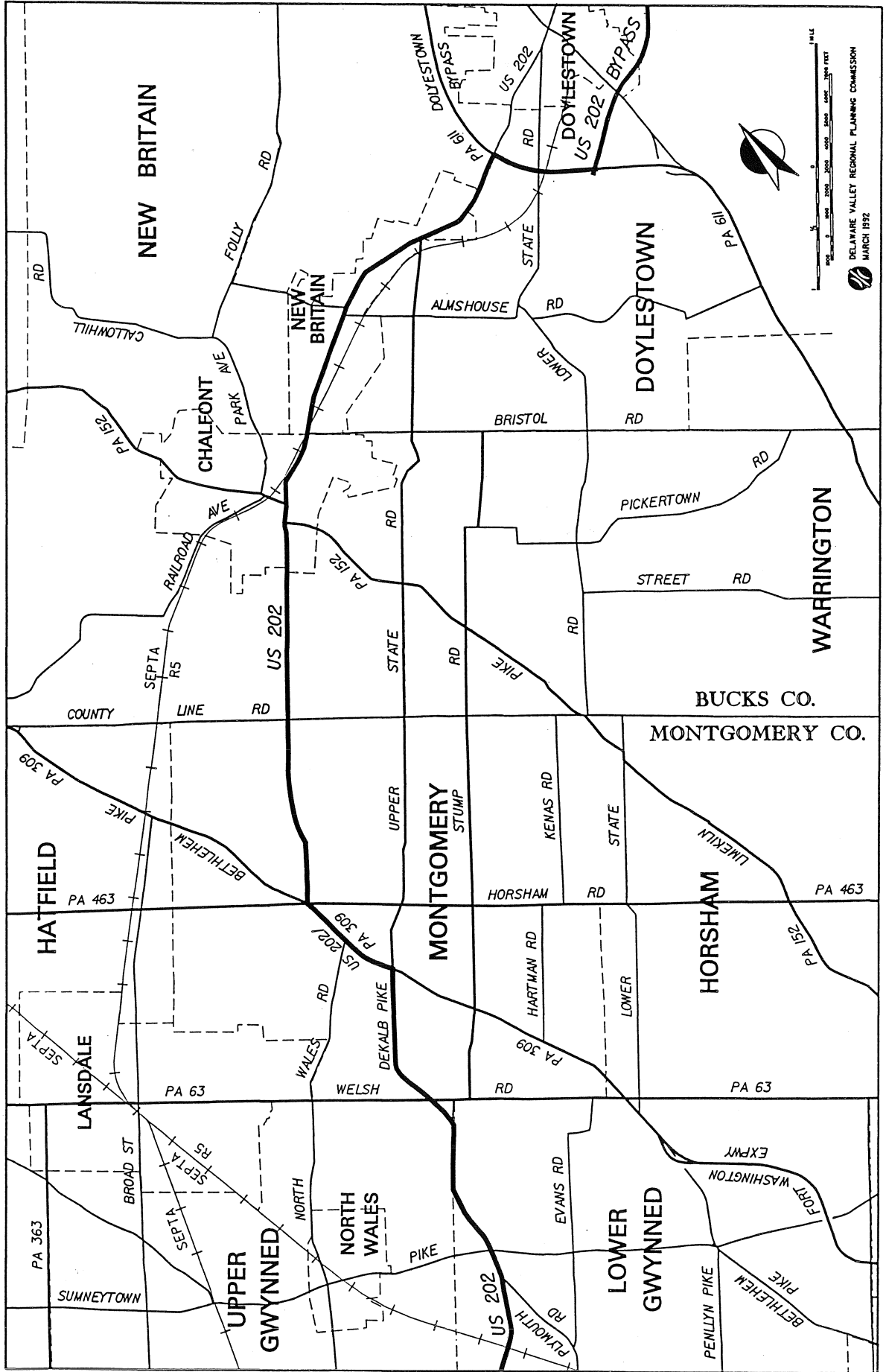
US 202 is classified as a principal arterial throughout Section 700. It is a two lane road except for a 1.1 mile four-lane section in Montgomery Township which carries a shared designation of US 202/PA 309. The land use along the segment from Welsh Road (PA 63) to the Five Points (PA 463) intersection is high density commercial with a regional shopping mall, a large strip shopping center and numerous individual commercial uses of varying sizes. The posted speed limit throughout this commercial area is 40 MPH.

North of PA 309 the highway resumes a two-lane cross section, one travel lane in each direction, with a posted speed limit that varies between 40 and 45 MPH, except in Chalfont Borough where the speed limit is reduced to 35 MPH. Outside of Chalfont, land use along existing US 202 is predominantly suburban residential and limited strip commercial. Land use in the Borough of Chalfont differs from other Section 700 municipalities. Here, much of the development along US 202 predates the road's official designation as a US Route and is comprised mainly of structures located very close to the roadway. On-street parking is prohibited along US 202 throughout Section 700.

Access to US 202 is via both signalized and unsignalized at-grade intersections. There are also numerous curb cuts which provide access to adjacent properties. This section of the facility functions as both a principal arterial and a local road.

It is necessary to include a network of roads surrounding US 202 to accurately assess the impact of alternative US 202 improvements on the Section 700 corridor. In addition to US 202, the following roads are included in the traffic simulation network (see Figure 2):

Figure 2: STUDY AREA MAP



<u>Parallel Roads</u>	<u>Intersecting Roads</u>
Upper State Road	Welsh Road
North Wales Road	PA 309
Stump Road	Horsham Road
Hartman Road	Limekiln Pike
Kenas Road	County Line Road
Lower State Road	Pickertown Road
	Bristol Road
	Almshouse Road
	Doylestown Bypass

The majority of these are two lane roads which function as minor arterials or collectors. In general, these facilities are narrow roads which were originally intended to carry local trips through sparsely developed areas. PA 309 and the Doylestown Bypass, however, provide two travel lanes by direction and were built to carry longer distance trips at higher speeds.

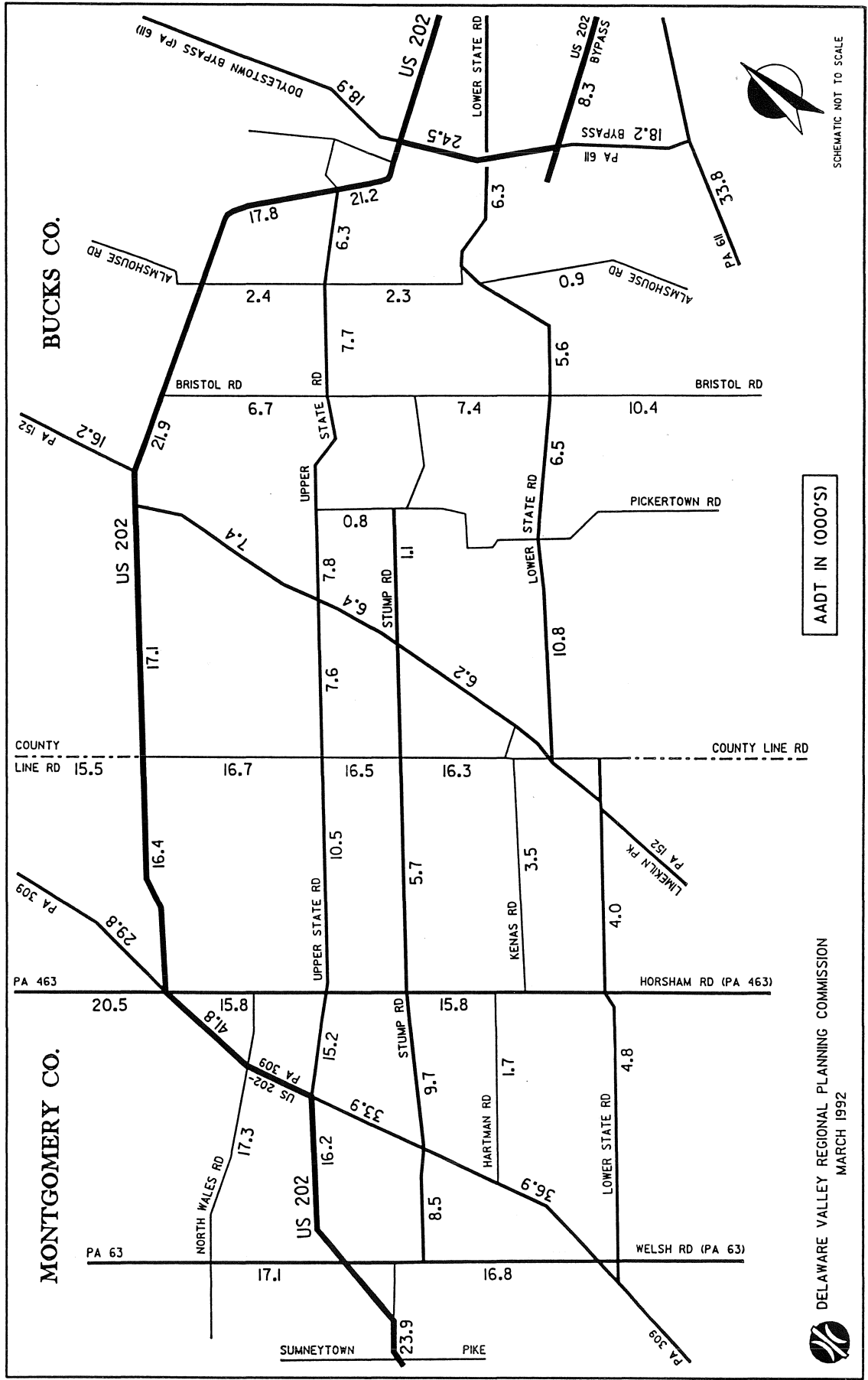
2. Existing Traffic Volumes

DVRPC staff collected existing traffic counts on US 202 and the surrounding highway network during the late summer and fall of 1991. Over 50 locations were counted using pneumatic tube techniques and the resulting average daily volumes are displayed on Figure 3. The detailed traffic counts for all locations including both daily and hourly traffic volume tabulations can be found in Appendix A.

Study area current traffic volumes along the two lane portions of existing US 202 range from a low of 16,200 vehicles per day between Welsh Road and Knapp Road to a high of 21,900 daily vehicles between Limekiln Pike and Bristol Road. The heaviest traveled portion of US 202 in the study area is the four lane section shared with PA 309 just north of the Montgomeryville Mall. Almost 42,000 vehicles a day use this segment of roadway between PA 463 and North Wales Road.

The most important highway crossing the corridor is PA 309. This facility carries traffic volumes of about 33,900 daily vehicles south of Upper State Road and approximately 29,800 daily vehicles north of the Five Points intersection. PA 463, crossing US 202 at this point, carries over 20,000 vehicles per day west of US 202 and about 16,000 daily vehicles east of US 202. Other major crossroads along the corridor are County Line Road with about 16,000

Figure 3: CURRENT TRAFFIC COUNTS



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vehicles per day and Limekiln Pike with 16,200 vehicles per day north of Chalfont and 7,400 daily vehicles south of this community. In the vicinity of US 202, Bristol Road carries traffic volumes of about 7,000 vehicles per day. Almshouse Road functions primarily as a local road, carrying less than 2,500 vehicles per day. The Doylestown (PA 611) and US 202 Bypasses provide connectivity to US 202 on the northern end of the corridor. On the Doylestown Bypass, current traffic volumes range from 18,200 south of the US 202 Bypass to 24,500 just south of the interchange with existing US 202. The existing portion of the US 202 Bypass, north of PA 611, carries a relatively small current volume of 8,300 daily vehicles, partially as a result of the lack of continuity to the south.

Those study area roads which run generally parallel to US 202 carry significantly lower amounts of traffic. Upper State Road carries traffic volumes which range between 6,000 and 16,000 vehicles per day. Traffic volumes on Upper State Road generally decrease as one proceeds northward from Montgomeryville Mall, where the largest traffic volumes occur. Stump Road carries 5,700 to 9,700 vehicles per day south of Limekiln Pike. North of Limekiln Pike traffic on Stump Road is much more localized, with current counts of just over 1000 vehicles per day. Lower State Road functions primarily as a local road south of Limekiln Pike. Here traffic volumes of about 5,000 vehicles per day were counted; however, Lower State Road provides a direct route to Doylestown for Horsham area drivers approaching this community via Limekiln Pike. For this reason, traffic volumes on Lower State Road north of Limekiln Pike are higher, ranging from 5,600 to 10,800 vehicles per day.

Manual turning movement counts were collected at 19 intersections within the US 202 corridor. These counts were conducted between 7-9 AM and 4-6 PM and are contained in Appendix B.

III. ALTERNATIVES

As a result of discussions between PennDOT planners, the EIS consultants (Parsons Brinckerhoff Quade and Douglas / Boles Smyth and Associates), and DVRPC staff, six improvement alternatives were identified for US 202 Section 700. In addition to the no-build and TSM alternatives, a new alignment controlled access arterial, widening of Upper State Road, and widening of Stump Road are included (see Figure 4). Detailed descriptions of the improvement alternatives are presented in Table 1. An overview of the facility improvements contained in each alternative follows:

1. No-Build

In this alternative, no systematic corridor-wide improvements are made to US 202. Selected improvements at isolated locations, including projects currently programmed on the annual element of PennDOT's Twelve Year Program or listed on DVRPC's 1992-1997 Transportation Improvement Program (TIP) are incorporated in this scenario. Outside of the corridor, the no-build alternative includes all significant highways that are currently opened to traffic or included in DVRPC's Year 2000 Transportation Plan.

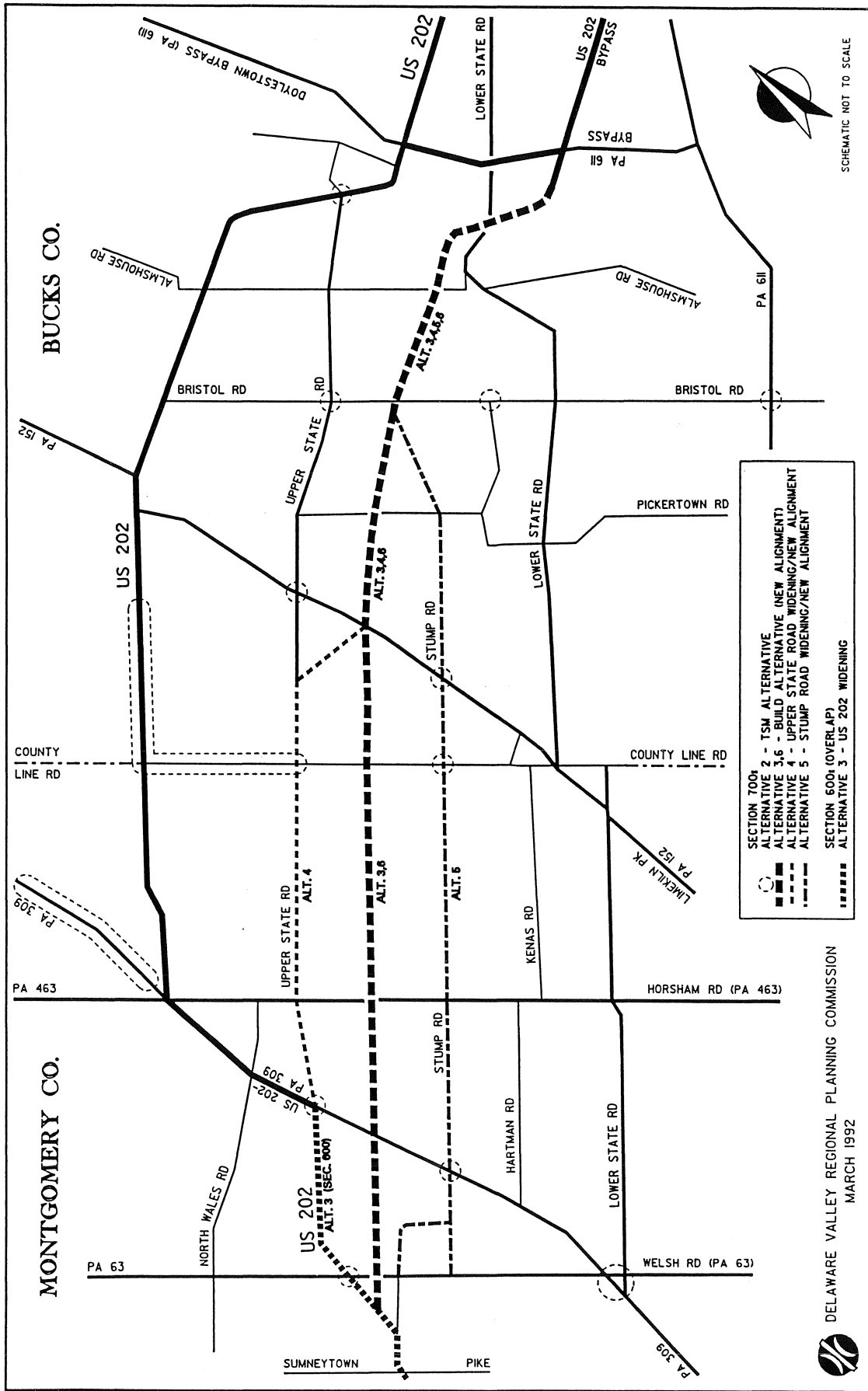
2. TSM Improvements

Transportation systems management improvements represent small scale isolated improvements intended to increase capacity and improve traffic flow. These improvements do not require major widening, relocation or new alignments. The recommendations from the US 202 Traffic Study, completed by DVRPC in 1989 and the Warrington Township Traffic Study, completed by Carroll Engineering Corp in 1991 are the basis for the specific set of TSM improvements included in this alternative. A detailed list of these is given in Table 1.

3. Controlled Access Arterial (Build)

This alternative assumes the construction of a new, four-lane, controlled-access facility built on new alignment. This facility would connect existing US 202 south of Welsh Road to the Doylestown Bypass. The new alignment would run between Stump Road and

Figure 4: HIGHWAY IMPROVEMENT ALTERNATIVES



**Table 1: FACILITIES INCLUDED IN THE US 202 TRAFFIC STUDY
ALTERNATIVE TRANSPORTATION NETWORKS**

<u>Facility Improvement</u>	<u>No Build</u>	<u>Build New Arterial</u>	<u>TSM</u>	<u>Widen U State</u>	<u>Widen Stump</u>	<u>Build 700/ No widen 600</u>
<i>REGIONAL HIGHWAY IMPROVEMENTS</i>						
New Alignment Controlled Access Arterial PA 63 to Limekiln Pike (PA 152) 4 lanes		x				x
New Alignment Controlled Access Arterial Limekiln Pike (PA 152) to Doylestown Bypass (PA 611) 4 lanes		x		x	x	x
Upper State Road from PA 309 to Limekiln Pike (PA 152) widen to 4 lanes				x		
Stump Road from Welsh Road (PA 63) to Limekiln Pike (PA 152) widen to 4 lanes					x	
US 202 from Johnson Highway to Welsh Road (PA 63) widen to 5 lanes		x				
<i>INTERSECTION IMPROVEMENTS</i>						
US 202 at County Line Road various TSM improvements			x			
Upper State Road at County Line Road construct left turn lanes and coordinate signal with Stump Road			x			
PA 309 at Upper State Road construct left turn lanes			x			
PA 309 at Stump Road construct left turn lanes			x			
PA 309 at Lower State Road construct left turn lanes			x			

**Table 1: FACILITIES INCLUDED IN THE US 202 TRAFFIC STUDY
ALTERNATIVE TRANSPORTATION NETWORKS**

(Continued)

<u>Facility Improvement</u>	<u>No Build</u>	<u>Build New Arterial</u>	<u>TSM</u>	<u>Widen U State</u>	<u>Widen Stump</u>	<u>Build 700/ No widen 600</u>
<i>INTERSECTION IMPROVEMENTS (Continued)</i>						
PA 611 Easton Road at Swamp Road (PA 313) signal improvement, left turn lane	x	x	x	x	x	x
PA 611 Easton Road at Bristol Road signal improvement, left turn lane	x	x	x	x	x	x
US 202 at PA 263 add left turn lane	x	x	x	x	x	x
PA 611 Easton Road at Titus Road	x	x	x	x	x	x
Edison Furlong Road at Pebble Hill Road safety improvements	x	x	x	x	x	x
Lower State Road at PA 463 install flashing beacons and remove tree	x	x	x	x	x	x
Cowpath Rd./Hatfield Valley Rd. at Broad St. signal improvement	x	x	x	x	x	x

WIDENING, CHANNELIZATION AND RAMP IMPROVEMENTS

County Line Road from US 202 to Upper State widen roadway			x			
PA 309 from US 202 (Dekalb St.) to Ft. Wash Expwy. median barrier and jughandles	x	x	x	x	x	x
PA 611 Bypass at Broad St. ramp construction	x	x	x	x	x	x

Upper State Road from just south of Welsh Road to Bristol Road. From there, it would angle slightly to the east crossing over Almshouse, Lower State, Wells and New Britain Roads before intersecting with the Doylestown Bypass at the existing cloverleaf interchange with US 202 Bypass. Access to the new facility would be provided by a full grade-separated interchange with PA 309 and at-grade signalized intersections with County Line Road, Limekiln Pike, and Bristol Road. In this alternative, Section 600 of US 202 is assumed to be widened to five lanes.

4. Widen Upper State Road

This alternative calls for the widening of Upper State Road to four lanes from its intersection with US 202/PA 309 to Detweiler Road (between County Line Road and Limekiln Pike (PA 152)). At this point, a new controlled access arterial would be constructed following the alignment described in Alternative 2 (build) to the existing Doylestown Bypass interchange. As in Alternative 2, the new alignment portion of this alternative will be a four-lane, controlled access highway with at grade intersections only at Limekiln Pike and Bristol Road.

5. Widen Stump Road

Stump Road in this alternative would be widened to four lanes from PA 309 to Pickertown Road. At this point a new controlled access arterial would be constructed, following the alignment described in Alternative 2, to the existing interchange with the Doylestown Bypass. As in Alternatives 2 and 4, the new alignment portion of this alternative will be a four-lane, controlled access highway with at grade intersections at Limekiln Pike and Bristol Road. A new connector would also be constructed to link Stump Road with Welsh Road (PA 63) in the vicinity of existing US 202.

6. Controlled Access Arterial Section 700/ No Widening Section 600

In addition to the EIS currently underway for Section 700, PennDOT has concurrently initiated an EIS for Section 600. Although US 202 in Sections 700 and 600 are different facilities, improvements to US 202 in Section 600 may have an impact on projected traffic volumes on Section 700. In order to assess the degree of interaction, a sixth alternative was added. This determined the effect of not widening US 202 in Section 600 on projected Section 700 volumes, assuming the controlled access arterial is constructed.

All six alternatives assume a combination of improvements in US 202 Sections 600 and 700. A listing of the facility improvements included in each of these combinations is shown in Table 2. These combinations were determined in discussions between PennDOT, the EIS consultant, and DVRPC. In addition to the improvements for the US 202 corridor, assumptions were also made concerning the implementation of various planned improvements to other regional facilities. Generally, the facility improvements included in the Year 2018 travel simulation model network are projects included in DVRPC's Year 2000 Transportation Plan. Of particular interest to this study are the Exton Bypass, widening of US 202 Expressway, Chester-Montgomery Connector, and Beidler Road reconstruction.

TABLE 2: FACILITY IMPROVEMENT ASSUMPTIONS FOR SECTIONS 600 AND 700

<u>Alternative</u>	<u>Section 700</u>	<u>Section 600</u>
1.	No Build	No Widening
2.	TSM	TSM with a two-way Markley Street operation
3.	Build - new alignment 4 lane, controlled access arterial	Widening US 202 to 5 lanes two-way Markley Street operation
4.	Widen Upper State Rd to 4 lanes, new alignment arterial from Detweiler Rd to US 611 Bypass	TSM with a one-way Markley Street operation
5.	Widen Stump Rd to 4 lanes with new connection to US202/PA 63 and new alignment arterial from Pickertown Rd to PA 611 Bypass	TSM with a one-way Markley Street operation
6.	Build - new alignment 4 lane, controlled access arterial	No Build with a two-way Markley Street operation

IV. TRAVEL FORECASTING PROCEDURES

The process used to generate Year 2018 travel forecasts for the US 202 Corridor alternatives is a straightforward application of DVRPC's focused travel simulation process (see Figure 5 for flow chart). Simulation runs for Section 600 and Section 700 of US 202 were conducted simultaneously using the six combinations of improvements given in Table 2.

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:

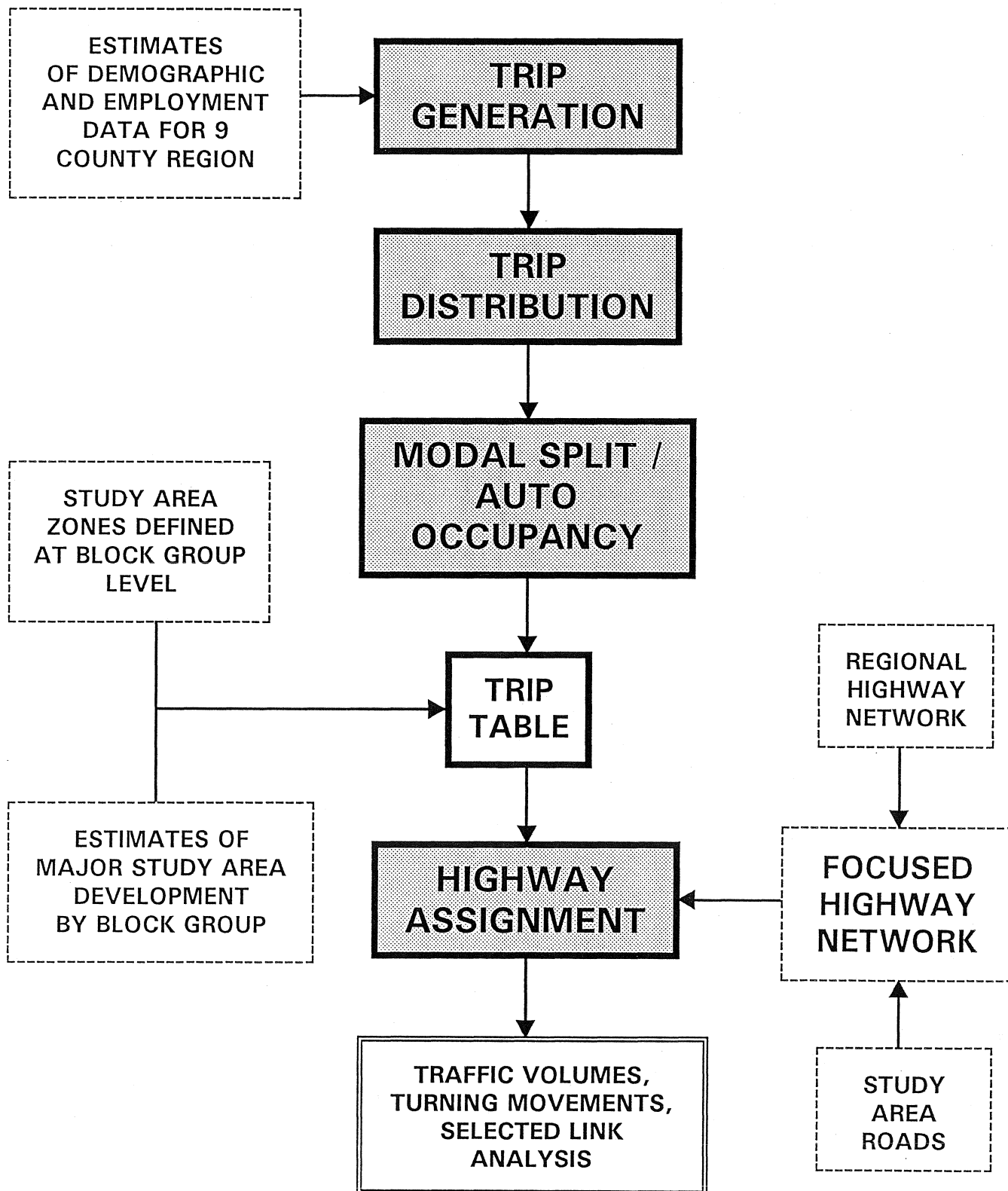
- population
- households, stratified by auto ownership
- employed residents
- total automobiles
- employment, stratified into twelve Standard Industrial Classification groups

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, 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 Bucks County is expected to increase by 32 percent, Montgomery County by 11 percent, but Delaware County should increase by only three percent.

Figure 5: FOCUSED TRAFFIC SIMULATION PROCESS



For the Section 700 study area, population growth rates are projected to be much higher than the county-wide averages. Table 3 shows the projected population growth for municipalities in this area. Growths for Bucks county municipalities from 1990 to the Year 2018 range from 17 percent for Doylestown Borough to 76 percent for Doylestown Township. Overall, Bucks county municipalities within the Section 700 corridor are projected to increase by over 53 percent in population. Population growths for the Montgomery County portion of the corridor are somewhat lower, ranging from 15 percent Upper Gwynedd to just under 40 percent for Montgomery Township and about 24 percent overall.

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. Because of the larger base in Pennsylvania, the absolute increase will be greater in that state. Pennsylvania county growth rates will range from 29 percent in Chester County down to four percent in Philadelphia. Within the detailed study area, employment growth rates are also higher than average (see Table 4). Overall, the Bucks County portion of the corridor is projected to grow by 23 percent and the Montgomery County portion by 17 percent.

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-lived 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 range from 2.6 in Philadelphia and Montgomery counties to 2.9 in Gloucester County. In 1980 the equivalent range was 2.7 to 3.1. 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 1-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 3: POPULATION GROWTH IN THE US 202 STUDY AREA

Municipality	1980 US Census	1990 US Census	2018 DVRPC Forecast	1990-2018 Absolute	Growth Percent
BUCKS COUNTY					
Chalfont Borough	2,802	3,069	3,642	573	18.7%
Doylestown Borough	8,717	8,575	10,013	1,438	16.8%
Doylestown Township	11,874	14,510	25,577	11,067	76.3%
New Briton Borough	2,519	2,174	3,312	1,138	52.3%
New Briton Township	7,415	9,099	13,077	3,978	43.7%
Warrington Township	10,704	12,169	20,289	8,120	66.7%
TOTAL	43,981	49,596	75,910	26,314	53.1%
MONTGOMERY COUNTY					
Lower Gwynedd Township	6,902	9,958	11,523	1,565	15.7%
Montgomery Township	5,718	12,179	17,019	4,840	39.7%
Upper Gwynedd Township	9,487	12,197	14,048	1,851	15.2%
TOTAL	22,107	34,334	42,590	8,256	24.0%
STUDY AREA TOTAL	66,088	83,930	118,500	34,570	41.2%

Table 4: EMPLOYMENT GROWTH IN THE US 202 STUDY AREA

Municipality	1988 DVRPC Estimate	1990 DVRPC Estimate	2018 DVRPC Forecast	1990-2018 Absolute	Growth Percent
BUCKS COUNTY					
Chalfont Borough	2,580	2,581	2,969	388	15.0%
Doylestown Borough	10,203	10,206	10,671	465	4.6%
Doylestown Township	6,120	6,255	9,077	2,822	45.1%
New Briton Borough	784	937	1,063	126	13.4%
New Briton Township	2,761	2,870	3,803	933	32.5%
Warrington Township	5,100	5,349	7,207	1,858	34.7%
TOTAL	27,548	28,198	34,790	6,592	23.4%
MONTGOMERY COUNTY					
Lower Gwynedd Township	7,358	7,600	9,042	1,442	19.0%
Montgomery Township	13,923	14,800	17,801	3,001	20.3%
Upper Gwynedd Township	12,272	13,600	15,330	1,730	12.7%
TOTAL	33,553	36,000	42,713	6,173	17.1%
STUDY AREA TOTAL	61,101	64,198	76,963	12,765	19.9%

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 demand, 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 side. 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, but total trip demand is expected to increase by 12 percent. Most of this increase in demand will be accommodated by private automobiles.

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.

Since transit's share of regional travel is projected to be stable, total automobile trips internal to the region are expected to increase at the same rate as person travel (12 percent). In the Year 2015, auto travel is expected to total approximately 12 million vehicle 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 development identified as part of this study (see "Supplemental Development Surcharge" below).

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 model used in this study 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 I-95/Pennsylvania Turnpike Interchange, Exton Bypass, widening of US 202 Expressway 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. For the most part, additions to the network included minor arterials and collector roads which were made necessary by the subdivision of the original zones into smaller zones.

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, the Mid-County Expressway (I-476) corridor, and New Jersey via the Delaware River bridges.

Inside the US 202 corridor, fine grained traffic loading zones were developed by subdividing census tracts. In total, this disaggregation process added 69 zones to the regional simulation network. 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 Bucks and Montgomery County Planning Commissions to obtain information on proposed land use developments for each municipality within the study area. County planning staff, assigned to a given municipality, presented information concerning recent subdivision and land development proposals. During this process, questions arose concerning

several developments in Doylestown Township and Montgomery Township. DVRPC staff met individually with representatives of these municipalities to resolve the questions. The information was then assembled and forwarded by DVRPC to the respective municipalities to confirm the information and supplement it with any new or missing data.

Those development 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 5.

Proposed developments within the study area, judged to not be included in DVRPC's 2015 regional highway trip table, were used to generate a surcharge of future trips. The resulting surcharged highway trip table is assumed to be representative of Year 2018 travel. Trip generation estimates for each proposed project were developed based on the appropriate Institute of Traffic Engineers (ITE) trip generation rate. The expected number of trips generated by each proposed development is also given in Table 5.

Overall, the planned developments identified in this study will generate almost 45,000 additional trips within the six municipalities in the study area on an average weekday. This new construction and resulting travel is not evenly distributed, however. New Britain Township has the largest amount of proposed development; over 450,000 square feet of non-residential development and 150 dwelling units which result in over 20,000 additional daily trip ends (45% of the study area total). The New Britain Business Park, located in the vicinity of County Line Road and Trewington Road, contributes 150,000 square feet of office and commercial space to this total. The 8,840 trips generated from this site represent the most trips from any one development within the study area.

Doylestown Township is second in the amount of proposed development activity. Over 1,300 residential units and 262,000 square feet of non-residential development is expected to generate close to 16,000 new trips on an average weekday in Doylestown Township.

Warrington Township proposes construction of 750 residential units in five developments. No non-residential development proposals have been identified. Approximately 6000 daily trips are expected to be generated from this development.

Table 5: 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>Chalfont Borough</i>				
Patriot Place	Park Ave near Chestnut St	83/SF		835
TOTAL: Chalfont Borough				
<i>Doylestown Township</i>				
Doylestown Crossing	Wells Rd and Lower State Rd	98/SF		986
Doylestown Knoll	Lower State Rd and Old New Rd	108/SF		1,087
Doylestown Hunt	Main St and US 202 Bypass	261/SF		2,626
Munshour Tract	Turk Rd and PA 611	100/TH,50/SF		1,089
Ridings	Ferry Rd and Old Iron Hill Rd	58/SF		584
Hagan	Ferry Rd and Old Iron Hill Rd	28/SF		282
Windsong Ridge	Old Dublin Pike and Swamp Rd	43/SF		433
Charing Cross	Swamp Rd and PA 611 Bypass	240/TH		1,406
Mercer Village	North Easton Rd and Old Dublin Pike	55/SF		553
County Commons	US 202 and PA 611 Bypass	196/APT		1,293
Central Bucks Progress	US 202 near New Britain Rd		50,000/Office	815
AAA Site (Doylestown Mews)	PA 611 and Kelly Drive		57,965/Office	922
Furlong Industrial Commons	Rodgers Rd and Old York Rd		62,352/Flex	774
Independence Care Court	Lower State Rd near PA 611 Bypass		52,000/Personal care	460
Andre Tract	Wells Rd near Lower State Rd	50/SF	40,000/Commercial	2,130
Windsong Ridge East	Old Dublin Pike near Swamp Rd	40/SF		402
TOTAL: Doylestown Township				
<i>New Britain Borough</i>				
Forest Park	US 202 and Bristol Rd	168/TH		984
TOTAL: New Britain Borough				
TOTAL: 262,317				
TOTAL: 15,841				
TOTAL: 168				
TOTAL: 984				

Table 5: 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>New Britain Township</i>				
High Point Office Campus Highlands	County Line Rd and Upper State Rd Schoolhouse Rd and US 202	150/TH	68,000/Commercial	5,053 879
New Britain Professional Office Shops At Schoolhouse Rd	County Line Rd E of US 202 US 202 near Cedar Hill Rd		57,000/Office	909
New Britain Business Park Magnavox	County Line Rd and Trewigtown Rd County Line Rd and Trewigtown Rd		53,000/Commercial 150,000/Commercial 125,000/Industrial	3,938 8,840 871
TOTAL: New Britain Township		150	453,000	20,490
<i>Warrington Township</i>				
Warrington Oaks Rothrock Tract Lapp Tract Warrington Hunt Geyer Tract	Bristol Rd and Stump Rd Pickertown Rd and Stump Rd Upper State Rd and Detweiler Rd County Line Rd and Lower State Rd Upper State Rd and Pickertown Rd	155/SF 64/SF,64 TH 144/SF 119/SF,121/TH 83/SF		1,560 1,019 1,449 1,906 835
TOTAL: Warrington Township		750	0	6,769
TOTAL STUDY AREA		9,594	715,317	44,918

Chalfont Borough, Doylestown Borough, and New Britain Borough are relatively built out. For this reason, they are expected to have minimal development activity. Only 168 new residential units in New Britain Borough and 83 residential units in Chalfont are anticipated. These new housing units are estimated to produce less than 2,000 trips on an average weekday. No significant development activity is proposed for Doylestown Borough.

5. Highway Assignment Model

The final step in the focused simulation process is the assignment of estimated 2018 vehicle trips to the highway network representative of each of the six alternatives. This assignment model produces the forecasted traffic volumes for individual 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 allow 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 restrained" 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 to estimate the 1998 ADT volumes. The first step was to determine the difference between the 2018 ADT 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.

A different methodology was utilized to calculate 1998 ADT on new alignment facilities which have no current traffic count (eg. the proposed US 202 controlled access arterial). For these proposed roadway links, the 2018 projection was multiplied by 0.6 to estimate 1998 traffic. These fractions were estimated based on previous surveys of traffic counts of similar highways in the region.

V. PROJECTED TRAFFIC VOLUMES

Projected 1998 and 2018 average daily traffic volumes for selected highway links within the Section 700 corridor are presented and analyzed in this part of the report. In Figure 6, 2018 no-build alternative projected volumes are posted over the line representing the roadway and the corresponding current traffic count is given under the line. In a similar fashion, Figure 7 contrasts TSM with no-build traffic volumes; Figure 8 compares the build alternative with no-build projections; Figure 9 contrasts the effect of widening Upper State Road with the build alternative; Figure 10 compares the Stump Road widening and build alternatives, and finally, Figure 11 shows the impact of not widening Section 600 on the proposed controlled access arterial and other corridor highway facilities. The 1998 traffic projections for the same comparisons of alternatives are presented at the end of this section (Figures 12 through 17).

Traffic Analysis of the No-Build, TSM and Build Alternatives

Table 6 presents a comparison of traffic volumes at selected locations between the current traffic counts and Year 2018 projections for the no-build alternative. Also included are comparisons of Year 2018 volumes for the TSM and controlled access arterial options versus the no-build.

1. No-Build Alternative

Corridor traffic for the Year 2018 under the no-build alternative is projected to grow moderately as a result of areawide growth trends and planned development within the corridor (see Table 6). On existing US 202, growths range from 21 percent at the southern end of the corridor (between Sumneytown Pike and Welsh Road) to 35 percent just south of the Doylestown Bypass (PA 611). Year 2018 no-build traffic volumes on US 202 are essentially at roadway capacity, with congestion and delays occurring throughout major portions of the day.

As a result of this congestion on US 202, parallel routes within the corridor are projected to experience higher growth rates. At a cutline just north of Horsham Road, Upper State Road will grow by 56 percent, Stump Road by 102 percent, Lower State Road by 210 percent, and

Figure 6: CURRENT AND 2018 NO-BUILD TRAFFIC VOLUMES

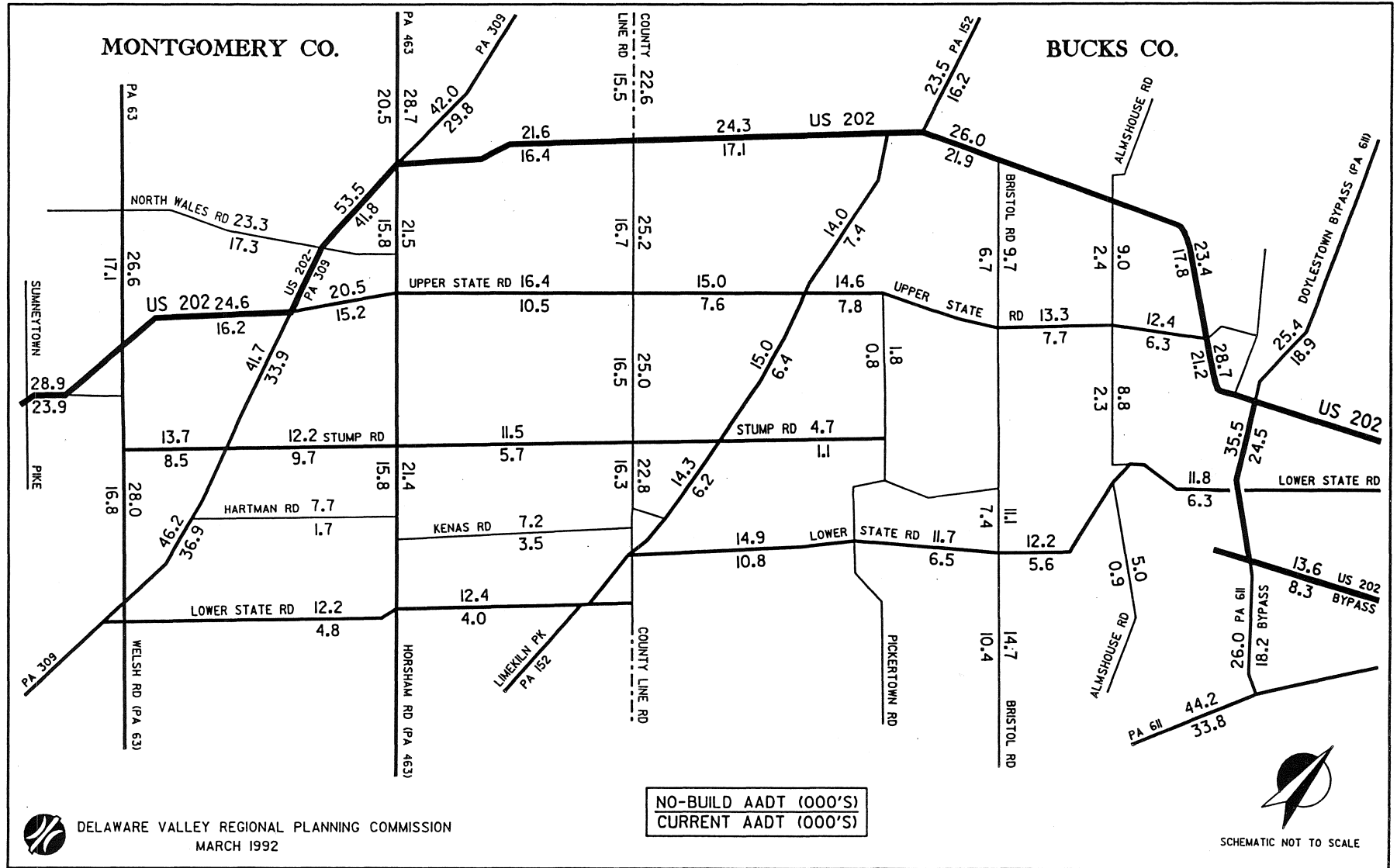


Figure 7: 2018 TSM AND NO-BUILD ALTERNATIVE TRAFFIC VOLUMES

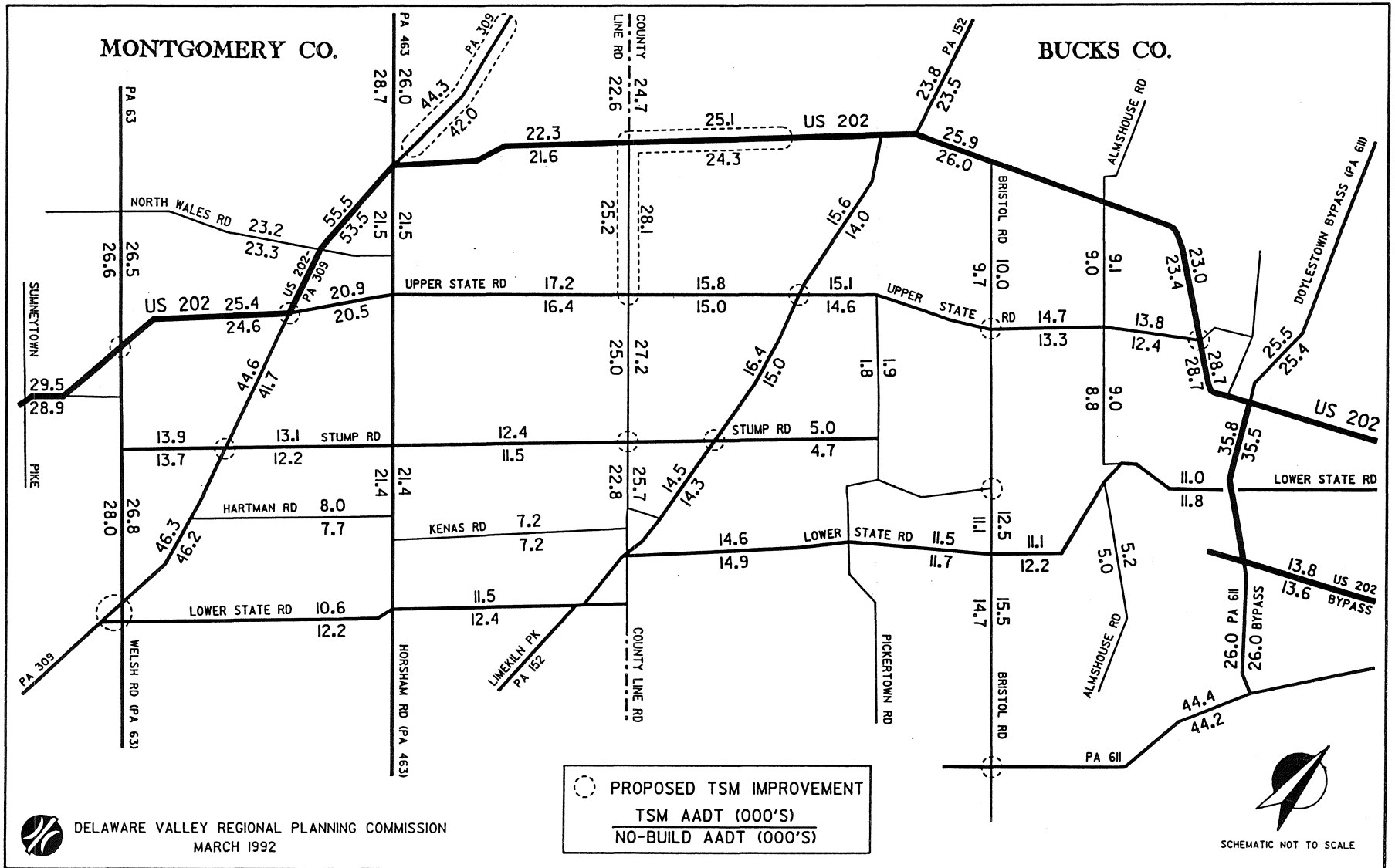


Figure 8: 2018 BUILD AND NO-BUILD ALTERNATIVE TRAFFIC VOLUMES

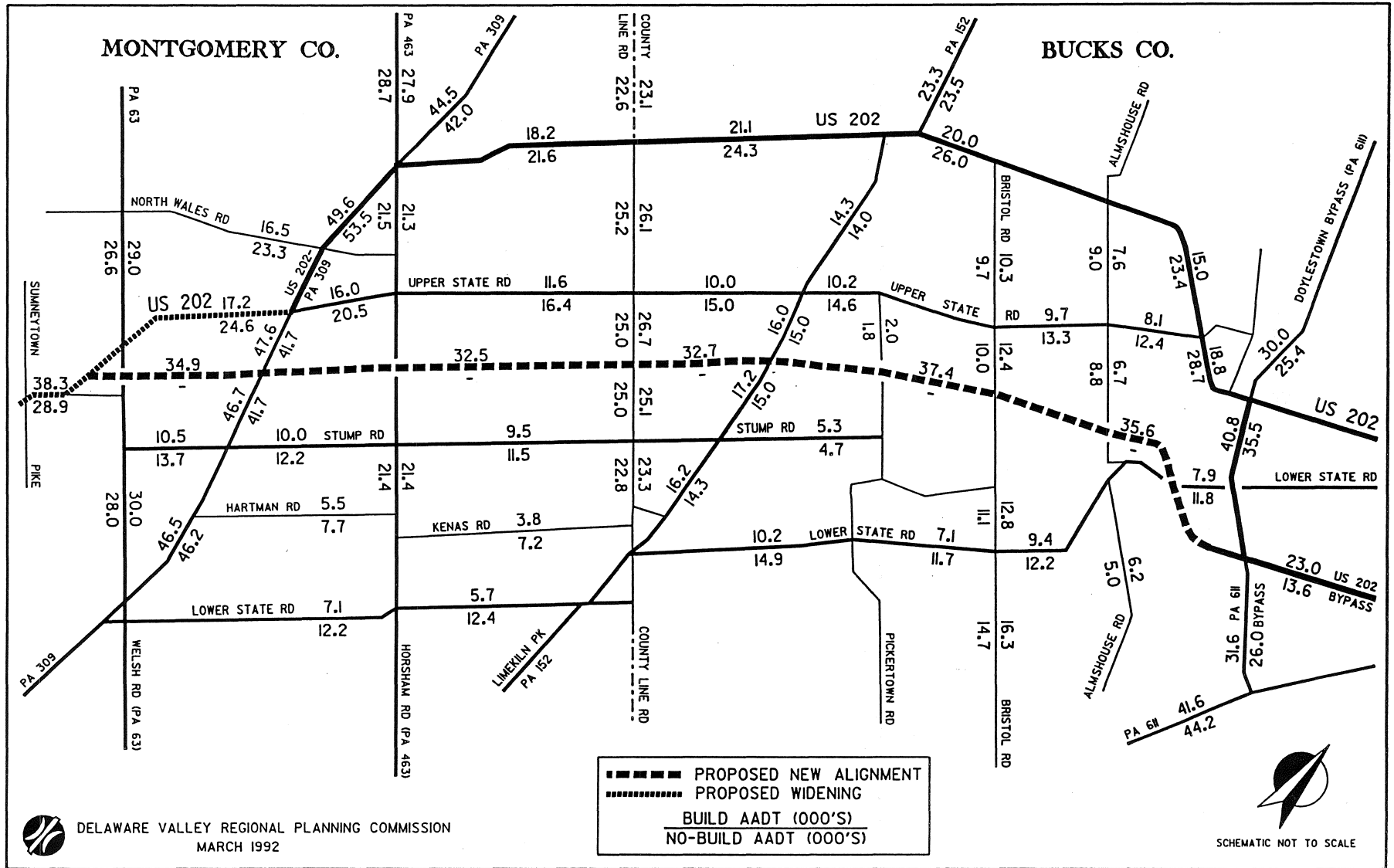


Figure 9: 2018 UPPER STATE ROAD WIDENING AND BUILD ALTERNATIVE TRAFFIC VOLUMES

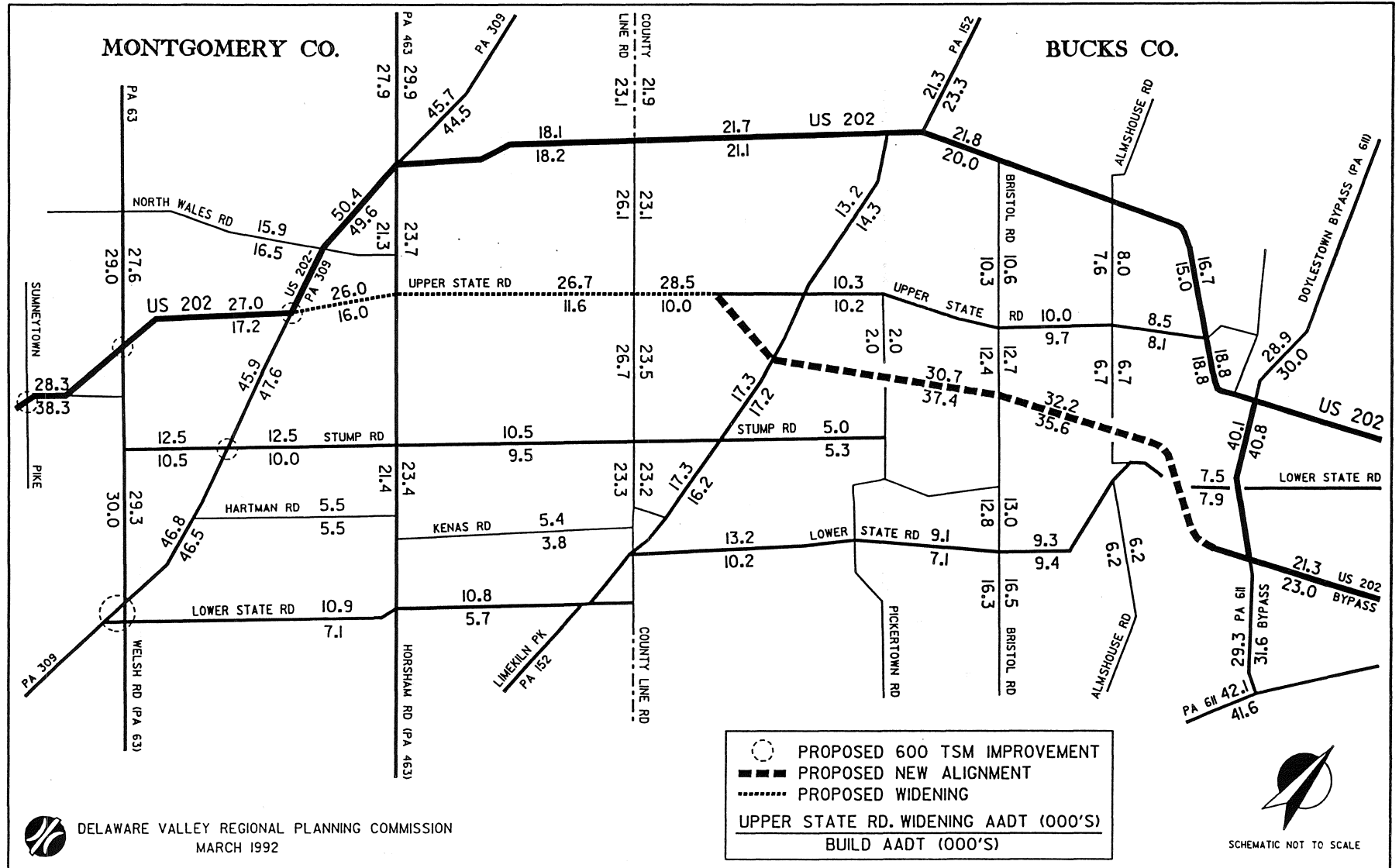
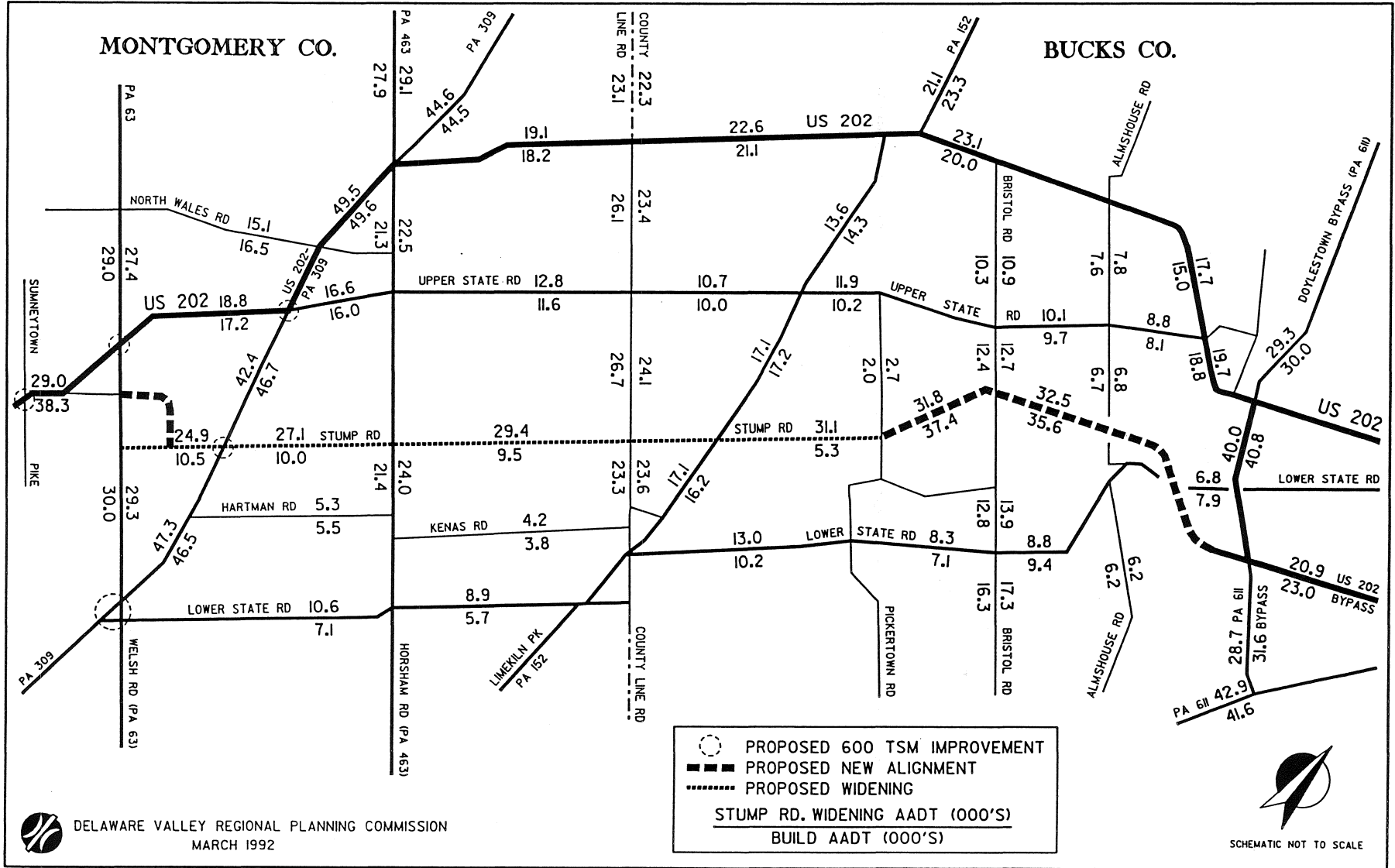


Figure 10: 2018 STUMP ROAD WIDENING AND BUILD ALTERNATIVE TRAFFIC VOLUMES



2018 BUILD SECTION 700 WITH NO-WIDENING SECTION 600

Figure 11: AND NO-BUILD ALTERNATIVE TRAFFIC VOLUMES

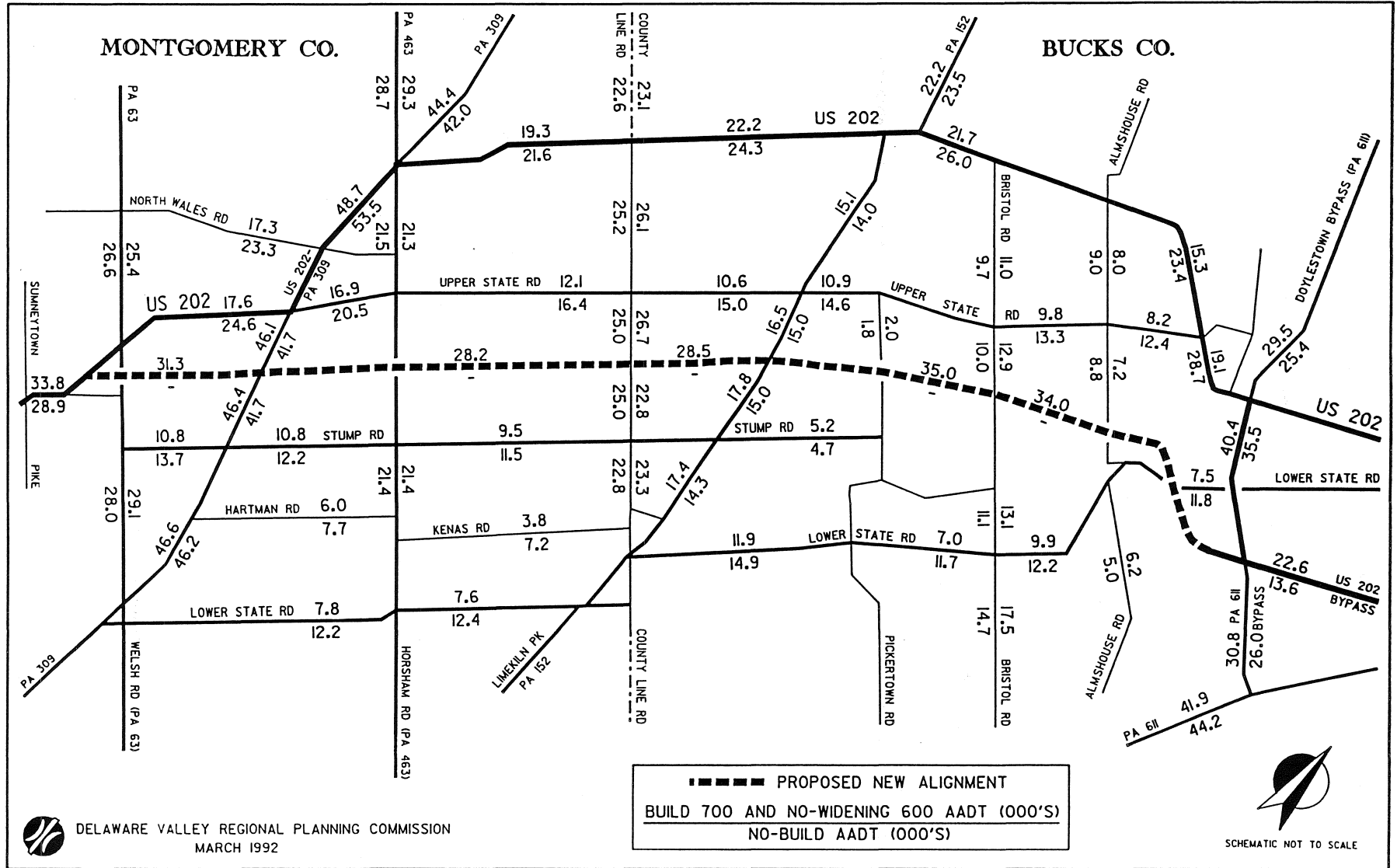


Table 6: A COMPARISON OF YEAR 2018 AVERAGE DAILY TRAFFIC VOLUMES (ADT) UNDER THE NO-BUILD, TSM, AND BUILD ALTERNATIVES

<u>Roadway Segment</u>	<u>1991 Count</u>	<u>No Build</u>	<u>% Growth (Count)</u>	<u>TSM</u>	<u>% Diff (NoBld)</u>	<u>Build</u>	<u>% Diff (NoBld)</u>
<u>US 202 AND PARALLEL ROADWAYS</u>							
Proposed US 202 Controlled Access Arterial							
- PA 309 to County Line Road	-	-	-	-	-	32,500	-
- Bristol Road to PA 611 Bypass	-	-	-	-	-	35,600	-
Existing US 202							
- Sumneytown Pike to Welsh Road	23,900	28,900	20.9	29,500	2.1	38,300	32.5
- Pa 309 to County Line Road	16,400	21,600	31.7	22,300	3.2	18,200	-15.7
- Almshouse Road to Upper State Road	17,800	23,400	31.4	23,000	-1.7	15,000	-35.9
- Upper State Road to Pa 611 Bypass	21,200	28,700	35.4	28,700	0.0	18,800	-34.5
- PA 611 Bypass to Old PA 611 (US 202 Bypass)	8,300	13,600	63.9	13,800	1.5	23,000	69.1
Upper State Road							
- Horsham Road to County Line Road	10,500	16,400	56.2	17,200	4.9	11,600	-29.3
- Almshouse Road to US 202	6,300	12,400	96.8	13,800	11.3	8,100	-34.7
Stump Road							
- Horsham Road to County Line Road	5,700	11,500	101.8	12,400	7.8	9,500	-17.4
Lower State Road							
- Horsham Road to Limekiln Pike	4,000	12,400	210.0	11,500	-7.3	5,700	-54.0
- Almshouse Road to PA 611 Bypass	6,300	11,800	87.3	11,000	-6.8	7,900	-33.1
Kenas Road							
- Horsham Road to County Line Road	3,500	7,200	105.7	7,200	0.0	3,800	-47.2
North Wales Road							
- Welsh Road to PA 309	17,300	23,300	34.7	23,200	-0.4	16,500	-29.2

Table 6: A COMPARISON OF YEAR 2018 AVERAGE DAILY TRAFFIC VOLUMES (ADT) UNDER THE NO-BUILD, TSM, AND BUILD ALTERNATIVES (Continued)

<u>Roadway Segment</u>	<u>1991 Count</u>	<u>No Build</u>	<u>% Growth (Count)</u>	<u>TSM</u>	<u>% Diff (NoBld)</u>	<u>Build</u>	<u>% Diff (NoBld)</u>
<u>INTERSECTING ROADWAYS</u>							
Welsh Road (PA 63)							
- US 202 to North Wales Road	17,100	26,600	55.6	26,500	-0.4	29,000	9.0
- Stump Road to PA 309	16,800	28,000	66.7	26,800	-4.3	30,000	7.1
PA 309							
- Horsham Road to North Wales Road	41,800	53,500	28.0	55,500	3.7	49,600	-7.3
- Hartman Road to Welsh Road	36,900	46,200	25.2	46,300	0.2	46,500	0.6
Horsham Road (PA 463)							
- US 202 to North Wales Road	15,800	21,500	36.1	21,500	0.0	21,300	-0.9
- Stump Road to Hartman Road	15,800	21,400	35.4	21,400	0.0	21,400	0.0
County Line Road							
- US 202 to Upper State Road	16,700	25,200	50.9	28,100	11.5	26,100	3.6
- Stump Road to Kenas Road	16,300	22,800	39.9	25,700	12.7	23,300	2.2
Limekiln Pike (PA 152)							
- US 202 to Upper State Road	7,400	14,000	89.2	15,600	11.4	14,300	2.1
- Stump Road to Lower State Road	6,200	14,300	130.6	14,500	1.4	16,200	13.3
Bristol Road							
- US 202 to Upper State Road	6,700	9,700	44.8	10,000	3.1	10,300	6.2
- Stump Road to Lower State Road	7,400	11,100	50.0	12,500	12.6	12,800	15.3
Doylestown (PA 611) Bypass							
- Broad Street to US 202	18,900	25,400	34.4	25,500	0.4	30,000	18.1
- PA 611 to US 202 Bypass	18,200	26,000	42.9	26,000	0.0	31,600	21.5
Easton Road (PA 611)							
- PA 611 Bypass to Edison Furlong Road	33,800	44,200	30.8	44,400	0.5	41,600	-5.9

Kenas Road by 106 percent. Although these percentage growths are higher than the forecasted growth rate for existing US 202 at this cutline (32 %), the projected levels of congestion on parallel roadways are somewhat less. Future traffic volumes will range between 16,400 daily vehicles on Upper State Road and 7,200 daily vehicles on Kenas Road.

On corridor roadways that intersect US 202 large traffic growths are also projected to occur. Under the no-build alternative, Year 2018 growths range from 25 percent on PA 309 south of Hartman Road to 131 percent on Limekiln Pike (PA 152) just south of Stump Road. Virtually all intersecting roadways in the corridor are projected to sustain traffic increases, with most locations experiencing traffic growth between 35 and 65 percent by the Year 2018.

2. TSM Alternative

Projected Year 2018 traffic volumes under the TSM alternative are for the most part similar to the no-build alternative (See table 6). Generally, differences in projected traffic volumes from the no-build reflect the magnitude of the TSM improvement. The biggest differences in traffic occur at improved intersections along PA 309, County Line Road, Upper State Road, and Bristol Road, where differences of up to 12 percent from the no-build are projected. None of the TSM improvements are of sufficient magnitude to significantly alter corridor travel patterns.

3. New Controlled Access Arterial

With Widening of Section 600 (Build)

The construction of a new alignment four lane arterial in Section 700 together with the widening of US 202 to five lanes in Section 600 from Johnson Highway to PA 309 will have a significant effect on projected travel patterns in the Section 700 corridor. Projected Year 2018 traffic volumes on the new controlled access arterial (see Figure 7) range from 32,500 daily vehicles between Horsham and County Line Roads to 37,400 daily vehicles between Limekiln and Bristol Roads.

Much of this volume is diverted off of parallel roadways within the corridor. Just north of Horsham Road traffic volumes on existing US 202 are reduced from 21,600 to 18,200 daily vehicles (16 %) as a result of the new arterial. This reduction tends to increase as one proceeds north from County Line Road with a 23 percent reduction in Chalfont and the maximum traffic reduction (36 %) occurring between Almshouse and Upper State Roads. Upper State Road at the Horsham Road cutline is projected to receive a traffic reduction of 4,800 daily vehicles (29 %) as a result of the new arterial. At this cutline, Stump Road traffic is reduced by 17

percent, and Kenas and Lower State Roads receive somewhat larger traffic reductions of 47 and 54 percent, respectively.

The construction of the new arterial and widening of Section 600 causes traffic volumes on US 202 between Sumneytown Pike and Welsh Road to increase by 9,400 daily trips (33 %). At the northern end of the corridor, traffic volumes on the Doylestown Bypass are increased by 15 to 21 percent by these improvements.

Travel on US 202 Bypass south of Doylestown is increased by 69 percent. This volume, however, does not represent large amounts of new traffic traveling through Section 800. Rather, the US 202 Bypass functions much more effectively when the new arterial is constructed. Almost all of the 9,400 new vehicles on the US 202 Bypass are diverted from parallel roads within the Doylestown area, some 2,200 from East State Street alone. Only about 1000 of these daily trips continue on US 202 north of Swamp Road (PA 313).

Table 6 also shows that travel on most roads intersecting US 202 is increased by the construction of the controlled access arterial. For the most part, however, these increases vis-a-vis the no-build are relatively small, ranging up to 15 percent, but with most less than 5 percent.

Traffic Analysis of Three Additional Options

For the same highway links analyzed above, Table 7 presents a comparison between the traffic volumes under the four new alignment options (controlled access arterial, widen Upper State Road, widen Stump Road, and controlled access arterial Section 700/no-widen Section 600).

4. Widen Upper State Road

Widening of Upper State Road was tested as an alternative to the new alignment arterial between Welsh Road and Limekiln Pike. This alternative also differed from the build alternative discussed above in that Section 600 was assumed not to be widened, but rather, provided with TSM alternative improvements. As one might expect, the largest impact of this alternative is projected to be on Upper State Road. North of Horsham Road, traffic volumes on this roadway are increased from 11,600 under the build to 26,700 daily vehicles or 130 percent (see Table 7). The Upper State Road alternative is slightly more effective in relieving existing US 202, but Stump, Lower State, and Kenas Roads receive significantly less relief from this alternative.

Table 7: A COMPARISON OF YEAR 2018 AVERAGE DAILY TRAFFIC VOLUMES (ADT) UNDER THREE ADDITIONAL ALTERNATIVE NETWORK CONFIGURATIONS

<u>Roadway Segment</u>	<u>New Arterial/ Widen Sec 600*</u>	<u>Widen Upper State</u>	<u>% Diff (Build)</u>	<u>Widen Stump</u>	<u>% Diff (Build)</u>	<u>New Arterial/ No widen Sec 600</u>	<u>% Diff (Build)</u>
<u>US 202 AND PARALLEL ROADWAYS</u>							
Proposed US 202 Controlled Access Arterial							
- PA 309 to County Line Road	32,500	-	-	-	-	28,200	-13.2
- Bristol Road to PA 611 Bypass	35,600	32,200	-9.6	32,500	-8.7	34,000	-4.5
Existing US 202							
- Sumneytown Pike to Welsh Road	38,300	28,300	-26.1	29,000	-24.3	33,800	-11.7
- Pa 309 to County Line Road	18,200	18,100	-0.5	19,100	4.9	19,300	6.0
- Almshouse Road to Upper State Road	15,000	16,700	11.3	17,700	18.0	15,300	2.0
- Upper State Road to Pa 611 Bypass	18,800	18,800	0.0	19,700	4.8	19,100	1.6
- PA 611 Bypass to Old PA 611 (US 202 Bypass)	23,000	21,300	-7.4	20,900	-9.1	22,600	-1.7
Upper State Road							
- Horsham Road to County Line Road	11,600	26,700	130.2	12,800	10.3	12,100	4.3
- Almshouse Road to US 202	8,100	8,500	4.9	8,800	8.6	8,200	1.2
Stump Road							
- Horsham Road to County Line Road	9,500	10,500	10.5	29,400	209.5	9,500	0.0
Lower State Road							
- Horsham Road to Limekiln Pike	5,700	10,800	89.5	8,900	56.1	7,600	33.3
- Almshouse Road to PA 611 Bypass	7,900	7,500	-5.1	6,800	-13.9	7,500	-5.1
Kenas Road							
- Horsham Road to County Line Road	3,800	5,400	42.1	4,200	10.5	3,800	0.0
North Wales Road							
- Welsh Road to PA 309	16,500	15,900	-3.6	15,100	-8.5	17,300	4.8
*"Build Alternative" in table 6.							

Table 7: A COMPARISON OF YEAR 2018 AVERAGE DAILY TRAFFIC VOLUMES (ADT) UNDER THREE ADDITIONAL ALTERNATIVE NETWORK CONFIGURATIONS (Continued)

<u>Roadway Segment</u>	<u>New Arterial/ Widen Sec 600*</u>	<u>Widen Upper State</u>	<u>% Diff (Build)</u>	<u>Widen Stump</u>	<u>% Diff (Build)</u>	<u>New Arterial/ No widen Sec 600</u>	<u>% Diff (Build)</u>
<u>INTERSECTING ROADWAYS</u>							
Welsh Road (PA 63)							
- US 202 to North Wales Road	29,000	27,600	-4.8	27,400	-5.5	25,400	-12.4
- Stump Road to PA 309	30,000	29,300	-2.3	29,300	-2.3	29,100	-3.0
PA 309							
- Horsham Road to North Wales Road	49,600	50,400	1.6	49,500	-0.2	48,700	-1.8
- Hartman Road to Welsh Road	46,500	46,800	0.6	47,300	1.7	46,600	0.2
Horsham Road (PA 463)							
- US 202 to North Wales Road	21,300	23,700	11.3	22,500	5.6	21,300	0.0
- Stump Road to Hartman Road	21,400	23,400	9.3	24,000	12.1	21,400	0.0
County Line Road							
- US 202 to Upper State Road	26,100	23,100	-11.5	23,400	-10.3	26,100	0.0
- Stump Road to Kenas Road	23,300	23,200	-0.4	23,600	1.3	23,300	0.0
Limekiln Pike (PA 152)							
- US 202 to Upper State Road	14,300	13,200	-7.7	13,600	-4.9	15,100	5.6
- Stump Road to Lower State Road	16,200	17,300	6.8	17,100	5.6	17,400	7.4
Bristol Road							
- US 202 to Upper State Road	10,300	10,600	2.9	10,900	5.8	11,000	6.8
- Stump Road to Lower State Road	12,800	13,000	1.6	13,900	8.6	13,100	2.3
Doylestown (PA 611) Bypass							
- Broad Street to US 202	30,000	28,900	-3.7	29,300	-2.3	29,500	-1.7
- PA 611 to US 202 Bypass	31,600	29,300	-7.3	28,700	-9.2	30,800	-2.5
Easton Road (PA 611)							
- PA 611 Bypass to Edison Furlong Road	41,600	42,100	1.2	42,900	3.1	41,900	0.1

Since the Upper State Road alternative assumes an intersection with Horsham Road, a small diversion of trips from County Line to Horsham Road occurs compared to the build alternative. Otherwise, except in the immediate vicinity of Upper State Road, traffic volumes on intersection streets are comparable to those projected under the build alternative.

5. Widen Stump Road

The effect of widening Stump rather than Upper State Road is principally to divert the Upper State Road increases described above to Stump Road. This alternative also assumes TSM improvements in Section 600. At the Horsham Road cutline, widened Stump Road is projected to carry 29,400 daily vehicles, a 209 percent increase over projected traffic volumes under the build alternative (see Table 7). The increase in Stump Road traffic is particularly severe north of Limekiln Pike, where traffic volumes of 31,100 (487 % increase over build) are projected. Compared to the widening Upper State Road, the Stump Road alternative is somewhat less effective at relieving existing US 202, but provides more relief to Kenas and Lower State Roads.

6. New Controlled Access Arterial Without Widening Section 600

For the most part, traffic volumes under this alternative are comparable to those described above for the build alternative. Table 7 shows that the major effect of not widening Section 600 on corridor traffic volumes is to cause a diversion of traffic from the new roadway to parallel facilities (28,200 versus 32,500 daily vehicles) at the Horsham Road cutline. As in the Upper State and Stump Road widening alternatives, most of this diversion reappears on the Almshouse Road cutline (34,000 versus 35,600 daily vehicles).

It is interesting to note that the impact of not widening Section 600 is as significant for Lansdale traffic (via Welsh Road) as for volumes on the new controlled access facility. This reflects traffic relief for Trooper Road and other facilities parallel to US 202 when Section 600 is widened.

Analysis of Projected 1998 and 2018 Traffic Volumes

Table 8 presents a comparison of current (1991) traffic counts with projected 1998 volumes on US 202 and parallel facilities under each of the six alternatives and Table 9 compares the projected 1998 and 2018 traffic volumes at the same locations. These traffic volumes are taken

Table 8: A COMPARISON OF CURRENT AND 1998 TRAFFIC VOLUMES FOR SELECTED FACILITIES IN THE US 202 CORRIDOR

<u>Roadway Segment*</u>	No-Build			TSM		New Arterial/ Widen 600	
	<u>1991 ADT</u>	<u>1998 ADT</u>	<u>% Diff.</u>	<u>1998 ADT</u>	<u>% Diff.</u>	<u>1998 ADT</u>	<u>% Diff.</u>
Existing US 202	16,400	18,500	12.8%	18,800	14.6%	17,100	4.3%
Upper State Road	10,500	12,900	22.9%	13,200	25.7%	10,900	10.5%
US 202 Controlled Access Arterial	-	-	-	-	-	19,500	-
Stump Road	5,700	8,000	40.4%	8,400	47.4%	7,200	26.3%
Lower State Road	4,000	7,400	85.0%	7,000	75.0%	4,700	17.5%

<u>Roadway Segment*</u>	Widen Upper State			Widen Stump Road		New Arterial/ No Widen 600	
	<u>1991 ADT</u>	<u>1998 ADT</u>	<u>% Diff.</u>	<u>1998 ADT</u>	<u>% Diff.</u>	<u>1998 ADT</u>	<u>% Diff.</u>
Existing US 202	16,400	17,100	4.3%	17,500	6.7%	17,600	7.3%
Upper State Road	10,500	17,000	61.9%	11,400	8.6%	11,100	5.7%
US 202 Controlled Access Arterial	-	-	-	-	-	16,900	-
Stump Road	5,700	7,600	33.3%	15,200	166.7%	7,200	26.3%
Lower State Road	4,000	6,700	67.5%	6,000	50.0%	5,400	35.0%

* Segment at a cutline just north of Horsham Road.

Table 9: A COMPARISON OF 1998 AND 2018 TRAFFIC VOLUMES FOR SELECTED FACILITIES IN THE US 202 CORRIDOR

<u>Roadway Segment*</u>	No-Build			TSM			New Arterial/Widen 600		
	<u>1998 ADT</u>	<u>2018 ADT</u>	<u>% Diff.</u>	<u>1998 ADT</u>	<u>2018 ADT</u>	<u>% Diff.</u>	<u>1998 ADT</u>	<u>2018 ADT</u>	<u>% Diff.</u>
Existing US 202	18,500	21,600	16.8%	18,800	22,300	18.6%	17,100	18,200	6.4%
Upper State Road	12,900	16,400	27.1%	13,200	17,200	30.3%	10,900	11,600	6.4%
US 202 Controlled Access Arterial	-	-	-	-	-	-	19,500	32,500	66.7%
Stump Road	8,000	11,500	43.8%	8,400	12,400	47.6%	7,200	9,500	31.9%
Lower State Road	7,400	12,400	67.6%	7,000	11,500	64.3%	4,700	5,700	21.3%

<u>Roadway Segment*</u>	Widen Upper State Road			Widen Stump Road			New Arterial/No Widen 600		
	<u>1998 ADT</u>	<u>2018 ADT</u>	<u>% Diff.</u>	<u>1998 ADT</u>	<u>2018 ADT</u>	<u>% Diff.</u>	<u>1998 ADT</u>	<u>2018 ADT</u>	<u>% Diff.</u>
Existing US 202	17,100	18,100	5.8%	17,500	19,100	9.1%	17,600	19,300	9.7%
Upper State Road	17,000	26,700	57.1%	11,400	12,800	12.3%	11,100	12,100	9.0%
US 202 Controlled Access Arterial	-	-	-	-	-	-	16,900	28,200	66.9%
Stump Road	7,600	10,500	38.2%	15,200	29,400	93.4%	7,200	9,500	31.9%
Lower State Road	6,700	10,800	61.2%	6,000	8,900	48.3%	5,400	7,600	40.7%

* Segment at a cutline just north of Horsham Road.

at a cutline just north of Horsham Road. Generally, new or significantly improved facilities experience a larger percentage of traffic growth after 1998, because of larger congestion related traffic diversions from parallel facilities after opening to traffic. The controlled access arterial grows by about 68 percent between 1998 and 2018. Similarly, traffic volumes on Upper State Road and Stump Road, when widened to four lanes, grow by 57 and 93 percent after 1998, respectively.

On other roadways in the corridor, the traffic growth after 1998, under a given alternative, depends in part on the degree of relief provided by the new or improved facilities. For instance on existing US 202, traffic grows by 17 percent after 1998 under the no-build alternative. However, with the controlled access arterial opened to traffic, this growth is reduced to 6 percent, reflecting smaller Year 2018 traffic volumes.

Peak Hour, Directional Split, and Truck Factors

Peak hour, directional split, and truck factors for existing US 202 in Section 700, derived from traffic counts, 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 directional split on a highway is known as D for the peak period. The directional factor is derived by dividing the directional volume by the highway's total two-way traffic. It is expressed in percent. The truck factor on a highway is known as T for the peak period and TF for a 24-hour period. This factor is derived by dividing the number of trucks on the highway by the total vehicles counted, also expressed as a percent. The definition of trucks excludes 2-axle light trucks and buses shorter than 11.5 ft. These factors may also be used for US 202 in the new controlled access arterial, Upper State Road widening, or Stump Road widening alternatives.

Peak Hour Factor (K) - 9%

Peak Hour Directional Split (D) - 57%

Peak Hour Truck Factor (T) - 7%

Daily Truck Factor (TF) - 10%

Figure 12: CURRENT AND 1998 NO-BUILD TRAFFIC VOLUMES

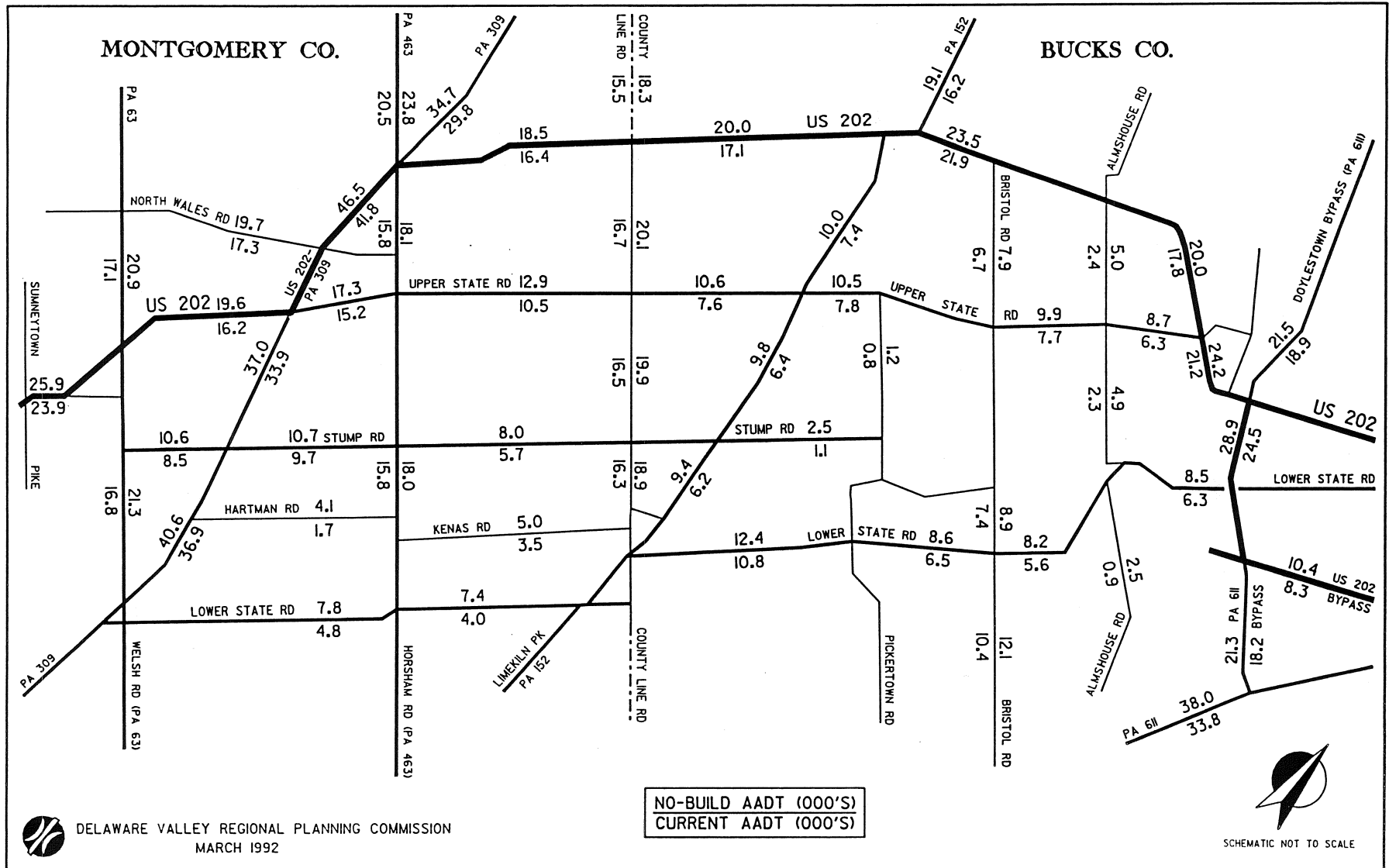


Figure 13: 1998 TSM AND NO-BUILD ALTERNATIVE TRAFFIC VOLUMES

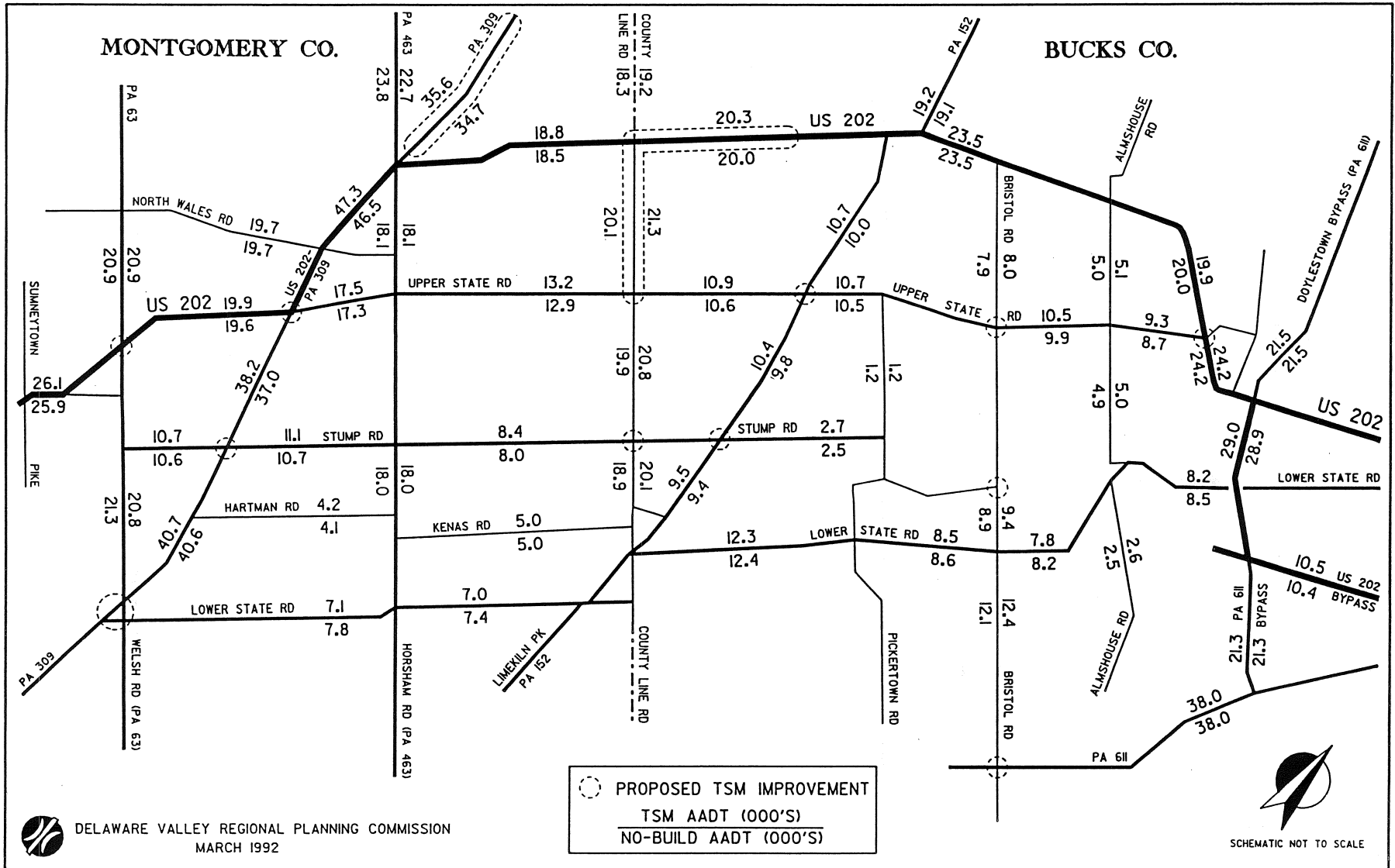


Figure 14: 1998 BUILD AND NO-BUILD ALTERNATIVE TRAFFIC VOLUMES

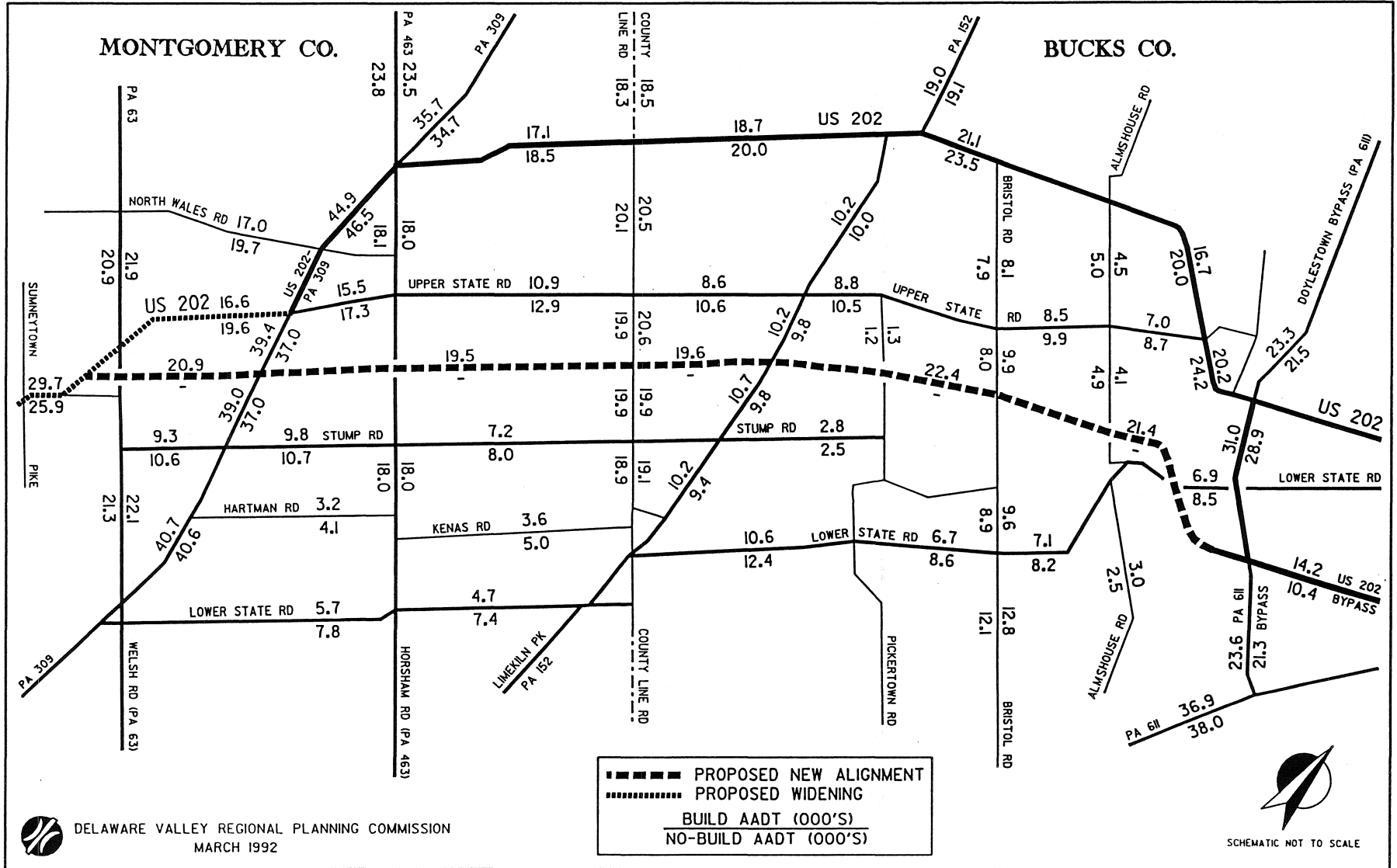


Figure 15: 1998 UPPER STATE ROAD WIDENING AND BUILD ALTERNATIVE TRAFFIC VOLUMES

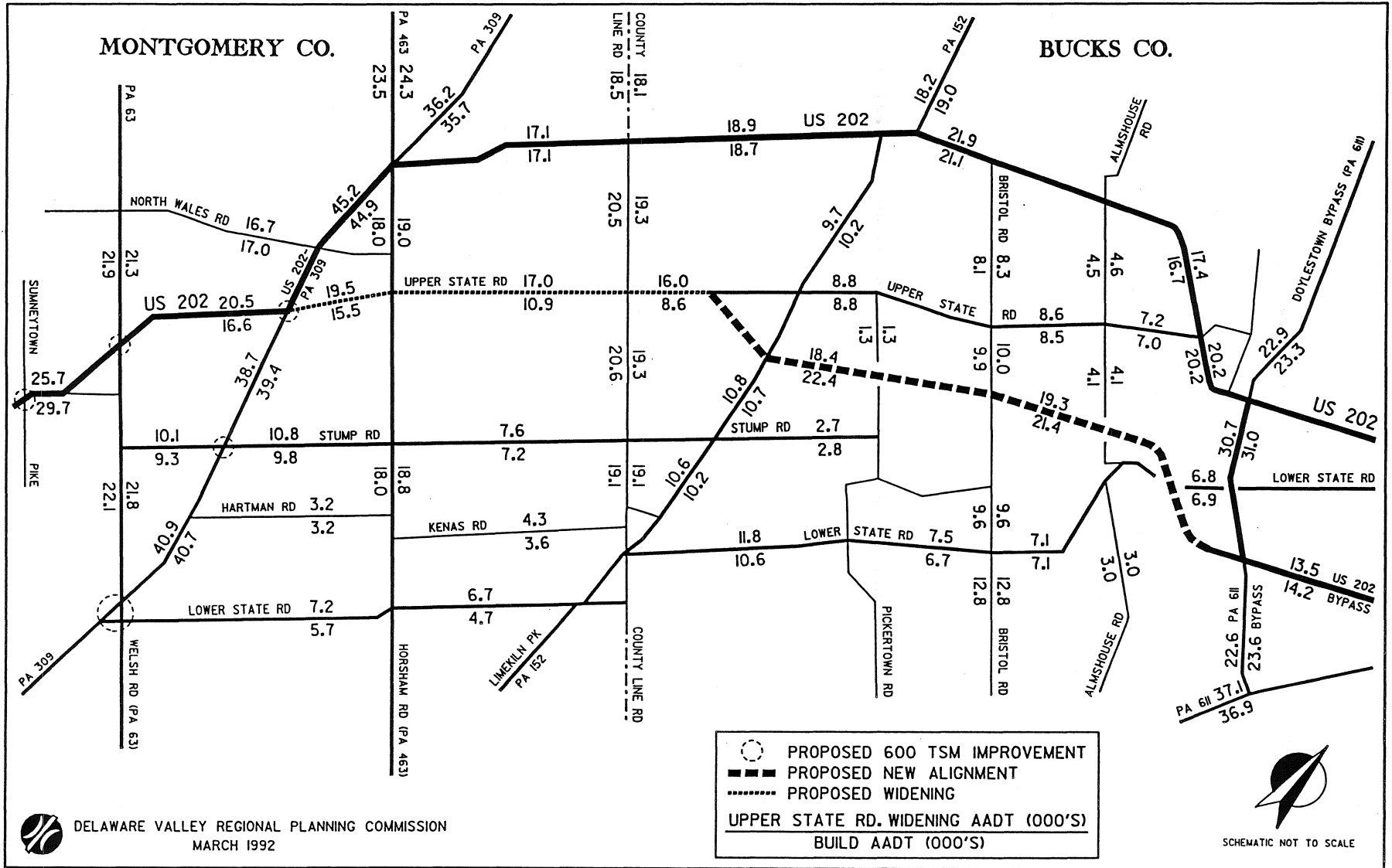
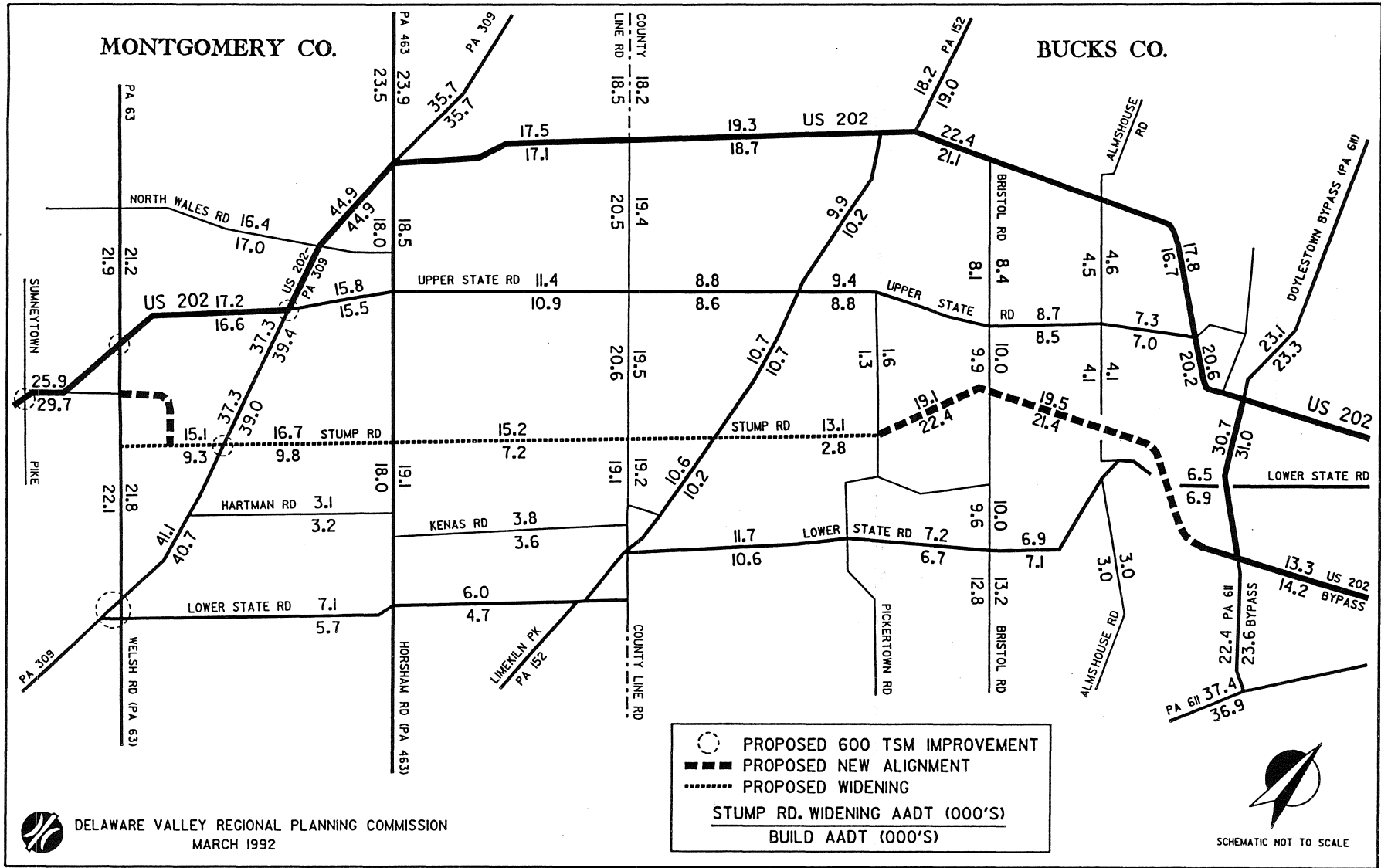
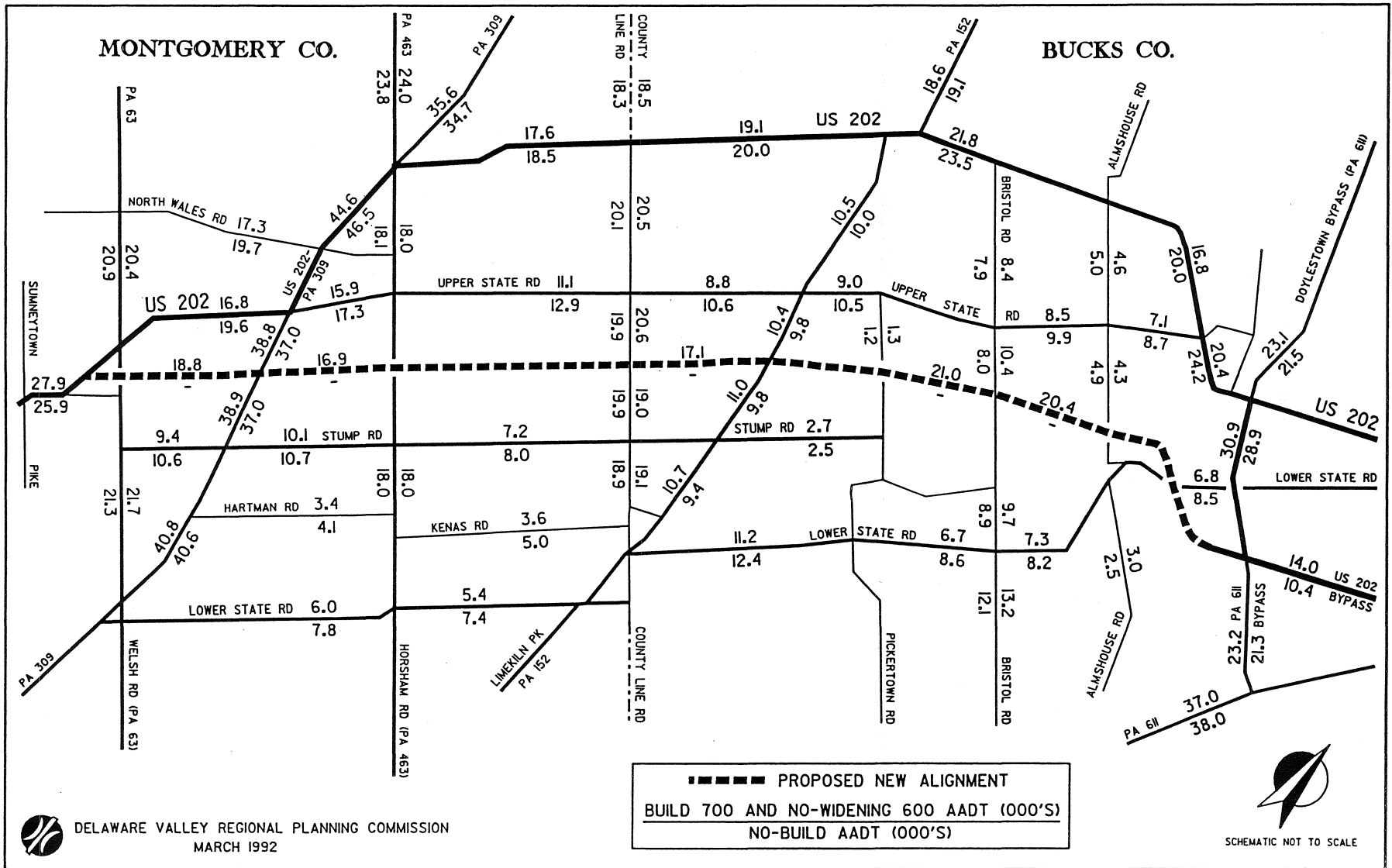


Figure 16: 1998 STUMP ROAD WIDENING AND BUILD ALTERNATIVE TRAFFIC VOLUMES



1998 BUILD SECTION 700 WITH NO-WIDENING SECTION 600

Figure 17: AND NO-BUILD ALTERNATIVE TRAFFIC VOLUMES



APPENDIX A

MACHINE TRAFFIC COUNTS

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Stump Road	TR 309 & TR 63 Welsh Road	A-48
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DELAWARE VALLEY REGIONAL PLANNING COMMISSION
24-HOUR TRAFFIC COUNT RECORD

COUNTY: MONTGOMERY
MUNICIPALITY: MONTGOMERY

ROAD COUNTED ON: TR 463 HORSHAM RD
BETWEEN: TR 309 & MARY ST
DIRECTION: BOTH

RECORDER NO: 5329
SET BY: JD
DATE: 07/17/91
DAY MACHINE SET: WED

COUNTS

DAY: DATE:	MON.	TUES.	WED. 07/17	THURS. 07/18	FRI. 07/19
12:00- 1:00 AM	0	0	0	197	198
1:00- 2:00 AM	0	0	0	79	75
2:00- 3:00 AM	0	0	0	51	66
3:00- 4:00 AM	0	0	0	62	54
4:00- 5:00 AM	0	0	0	74	69
5:00- 6:00 AM	0	0	0	241	240
6:00- 7:00 AM	0	0	0	877	831
7:00- 8:00 AM	0	0	0	1377	1278
8:00- 9:00 AM	0	0	167	1091	1040
9:00-10:00 AM	0	0	962	975	985
10:00-11:00 AM	0	0	1063	1107	1084
11:00-12:00 PM	0	0	1178	1157	1181
12:00- 1:00 PM	0	0	1224	1268	1323
1:00- 2:00 PM	0	0	1072	1174	0
2:00- 3:00 PM	0	0	1183	1169	0
3:00- 4:00 PM	0	0	1326	1349	0
4:00- 5:00 PM	0	0	1450	1471	0
5:00- 6:00 PM	0	0	1588	1653	0
6:00- 7:00 PM	0	0	1304	1322	0
7:00- 8:00 PM	0	0	1261	1263	0
8:00- 9:00 PM	0	0	1049	1056	0
9:00-10:00 PM	0	0	728	772	0
10:00-11:00 PM	0	0	425	453	0
11:00-12:00 AM	0	0	317	311	0
TOTALS	0	0	16297	20549	8424

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: MONTGOMERY
MUNICIPALITY: MONTGOMERY

ROAD COUNTED ON: TR 309 BETHLEHEM PK SB
BETWEEN: MORGAN ST & TAYLOR RD
DIRECTION: SOUTH

RECORDER NO: 13816
SET BY: JD
DATE: 07/16/91
DAY MACHINE SET: TUE

COUNTS

DAY: DATE:	MON.	TUES. 07/16	WED. 07/17	THURS. 07/18	FRI.
12:00- 1:00 AM	0	0	120	125	124
1:00- 2:00 AM	0	0	50	77	77
2:00- 3:00 AM	0	0	59	72	52
3:00- 4:00 AM	0	0	88	71	82
4:00- 5:00 AM	0	0	160	144	165
5:00- 6:00 AM	0	0	398	413	394
6:00- 7:00 AM	0	0	1013	1006	1000
7:00- 8:00 AM	0	0	1313	1220	1239
8:00- 9:00 AM	0	0	1127	1027	977
9:00-10:00 AM	0	0	857	836	848
10:00-11:00 AM	0	798	844	768	852
11:00-12:00 PM	0	897	917	885	883
12:00- 1:00 PM	0	902	936	892	992
1:00- 2:00 PM	0	875	866	857	0
2:00- 3:00 PM	0	891	918	854	0
3:00- 4:00 PM	0	918	862	875	0
4:00- 5:00 PM	0	995	950	1053	0
5:00- 6:00 PM	0	1040	1007	1027	0
6:00- 7:00 PM	0	831	815	847	0
7:00- 8:00 PM	0	740	720	773	0
8:00- 9:00 PM	0	537	546	572	0
9:00-10:00 PM	0	392	404	439	0
10:00-11:00 PM	0	289	291	287	0
11:00-12:00 AM	0	193	214	237	0
TOTALS	0	10298	15475	15357	7685

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: MONTGOMERY
MUNICIPALITY: MONTGOMERY

ROAD COUNTED ON: TR 309 BETHLEHEM PK NB
BETWEEN: MORGAN ST & TAYLOR RD
DIRECTION: NORTH

RECORDER NO: 12372
SET BY: JD
DATE: 07/16/91
DAY MACHINE SET: TUE

COUNTS

DAY: DATE:	MON.	TUES. 07/16	WED. 07/17	THURS. 07/18	FRI.
12:00- 1:00 AM	0	0	175	199	171
1:00- 2:00 AM	0	0	85	114	121
2:00- 3:00 AM	0	0	64	54	74
3:00- 4:00 AM	0	0	58	78	77
4:00- 5:00 AM	0	0	63	56	61
5:00- 6:00 AM	0	0	153	146	119
6:00- 7:00 AM	0	0	390	386	406
7:00- 8:00 AM	0	0	748	723	736
8:00- 9:00 AM	0	0	631	604	612
9:00-10:00 AM	0	0	688	687	663
10:00-11:00 AM	0	737	704	679	676
11:00-12:00 PM	0	727	764	753	811
12:00- 1:00 PM	0	865	872	899	865
1:00- 2:00 PM	0	799	818	848	0
2:00- 3:00 PM	0	888	855	840	0
3:00- 4:00 PM	0	1093	1055	1047	0
4:00- 5:00 PM	0	1273	1208	1249	0
5:00- 6:00 PM	0	1264	1205	1280	0
6:00- 7:00 PM	0	918	986	987	0
7:00- 8:00 PM	0	733	759	764	0
8:00- 9:00 PM	0	622	678	761	0
9:00-10:00 PM	0	631	659	643	0
10:00-11:00 PM	0	413	416	389	0
11:00-12:00 AM	0	284	286	262	0
TOTALS	0	11247	14320	14448	5392

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: MONTGOMERY
MUNICIPALITY: MONTGOMERY

ROAD COUNTED ON: TR 309 BETHLEHEM PK NB
BETWEEN: N WALES RD & HORSHAM RD
DIRECTION: NORTH

RECORDER NO: 12371
SET BY: JD
DATE: 07/16/91
DAY MACHINE SET: TUE

COUNTS

DAY: DATE:	MON.	TUES. 07/16	WED. 07/17	THURS. 07/18	FRI.
12:00- 1:00 AM	0	0	192	236	232
1:00- 2:00 AM	0	0	109	137	146
2:00- 3:00 AM	0	0	93	94	89
3:00- 4:00 AM	0	0	67	86	77
4:00- 5:00 AM	0	0	71	90	89
5:00- 6:00 AM	0	0	190	162	162
6:00- 7:00 AM	0	0	509	454	502
7:00- 8:00 AM	0	0	881	887	867
8:00- 9:00 AM	0	846	752	763	842
9:00-10:00 AM	0	837	911	849	853
10:00-11:00 AM	0	1033	945	1014	970
11:00-12:00 PM	0	1018	1147	1088	1225
12:00- 1:00 PM	0	1247	1246	1350	1310
1:00- 2:00 PM	0	1193	1175	1196	0
2:00- 3:00 PM	0	1260	1247	1221	0
3:00- 4:00 PM	0	1442	1394	1418	0
4:00- 5:00 PM	0	1654	1709	1755	0
5:00- 6:00 PM	0	1753	1642	1812	0
6:00- 7:00 PM	0	1387	1477	1497	0
7:00- 8:00 PM	0	1190	1181	1220	0
8:00- 9:00 PM	0	987	999	1123	0
9:00-10:00 PM	0	1013	1002	997	0
10:00-11:00 PM	0	598	601	602	0
11:00-12:00 AM	0	387	390	353	0
TOTALS	0	17845	19930	20404	7364

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: MONTGOMERY
MUNICIPALITY: MONTGOMERY

ROAD COUNTED ON: TR 309 BETHLEHEM PK SB
BETWEEN: N WALES RD & HORSHAM RD
DIRECTION: SOUTH

RECORDER NO: 14304
SET BY: JD
DATE: 07/16/91
DAY MACHINE SET: TUE

COUNTS

DAY: DATE:	MON.	TUES. 07/16	WED. 07/17	THURS. 07/18	FRI.
12:00- 1:00 AM	0	0	171	183	199
1:00- 2:00 AM	0	0	76	94	88
2:00- 3:00 AM	0	0	64	72	74
3:00- 4:00 AM	0	0	102	89	75
4:00- 5:00 AM	0	0	132	131	138
5:00- 6:00 AM	0	0	394	418	399
6:00- 7:00 AM	0	0	1201	1190	1162
7:00- 8:00 AM	0	0	1771	1789	1719
8:00- 9:00 AM	0	0	1504	1367	1397
9:00-10:00 AM	0	1167	1143	1123	1063
10:00-11:00 AM	0	1148	1163	1168	1268
11:00-12:00 PM	0	1323	1286	1256	1229
12:00- 1:00 PM	0	1318	1337	1293	1453
1:00- 2:00 PM	0	1243	1170	1278	0
2:00- 3:00 PM	0	1258	1216	1203	0
3:00- 4:00 PM	0	1287	1306	1280	0
4:00- 5:00 PM	0	1343	1267	1328	0
5:00- 6:00 PM	0	1411	1313	1433	0
6:00- 7:00 PM	0	1210	1214	1283	0
7:00- 8:00 PM	0	1160	1239	1249	0
8:00- 9:00 PM	0	897	919	988	0
9:00-10:00 PM	0	728	717	722	0
10:00-11:00 PM	0	418	429	419	0
11:00-12:00 AM	0	288	326	332	0
TOTALS	0	16199	21460	21688	10264

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: MONTGOMERY
MUNICIPALITY: MONTGOMERY

ROAD COUNTED ON: TR 463 HORSHAM RD
BETWEEN: N WALES RD & TR 202 DOYLESTOWN RD
DIRECTION: BOTH

RECORDER NO: 14292
SET BY: JD
DATE: 07/16/91
DAY MACHINE SET: TUE

COUNTS

DAY: DATE:	MON.	TUES. 07/16	WED. 07/17	THURS. 07/18	FRI.
12:00- 1:00 AM	0	0	139	177	178
1:00- 2:00 AM	0	0	43	80	64
2:00- 3:00 AM	0	0	41	42	56
3:00- 4:00 AM	0	0	48	68	53
4:00- 5:00 AM	0	0	93	70	87
5:00- 6:00 AM	0	0	257	241	225
6:00- 7:00 AM	0	0	709	731	681
7:00- 8:00 AM	0	0	958	1001	918
8:00- 9:00 AM	0	0	866	812	781
9:00-10:00 AM	0	762	815	786	817
10:00-11:00 AM	0	947	837	776	806
11:00-12:00 PM	0	882	852	831	910
12:00- 1:00 PM	0	1033	972	1002	1035
1:00- 2:00 PM	0	898	862	881	0
2:00- 3:00 PM	0	928	884	881	0
3:00- 4:00 PM	0	1085	1032	1086	0
4:00- 5:00 PM	0	1134	1206	1232	0
5:00- 6:00 PM	0	1195	1251	1205	0
6:00- 7:00 PM	0	997	996	977	0
7:00- 8:00 PM	0	901	909	902	0
8:00- 9:00 PM	0	690	757	750	0
9:00-10:00 PM	0	607	677	624	0
10:00-11:00 PM	0	329	372	374	0
11:00-12:00 AM	0	272	294	251	0
TOTALS	0	12660	15870	15780	6611

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: MONTGOMERY
MUNICIPALITY: MONTGOMERY

ROAD COUNTED ON: COUNTY LINE RD
BETWEEN: UPPER STATE RD & TR 202 DOYLESTOWN RD
DIRECTION: BOTH

RECORDER NO: 13787
SET BY: AC
DATE: 07/10/91
DAY MACHINE SET: WED

COUNTS

DAY: DATE:	MON.	TUES.	WED. 07/10	THURS. 07/11	FRI. 07/12
12:00- 1:00 AM	0	0	0	143	149
1:00- 2:00 AM	0	0	0	62	83
2:00- 3:00 AM	0	0	0	50	65
3:00- 4:00 AM	0	0	0	37	48
4:00- 5:00 AM	0	0	0	80	76
5:00- 6:00 AM	0	0	0	248	230
6:00- 7:00 AM	0	0	0	917	930
7:00- 8:00 AM	0	0	0	1313	1272
8:00- 9:00 AM	0	0	0	1012	0
9:00-10:00 AM	0	0	0	779	0
10:00-11:00 AM	0	0	0	737	0
11:00-12:00 PM	0	0	828	863	0
12:00- 1:00 PM	0	0	911	952	0
1:00- 2:00 PM	0	0	859	871	0
2:00- 3:00 PM	0	0	837	885	0
3:00- 4:00 PM	0	0	1112	1090	0
4:00- 5:00 PM	0	0	1471	1417	0
5:00- 6:00 PM	0	0	1479	1483	0
6:00- 7:00 PM	0	0	1048	1056	0
7:00- 8:00 PM	0	0	826	806	0
8:00- 9:00 PM	0	0	600	674	0
9:00-10:00 PM	0	0	527	578	0
10:00-11:00 PM	0	0	373	403	0
11:00-12:00 AM	0	0	252	278	0
TOTALS	0	0	11123	16734	2853

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

REMARKS:

US 202 TRAFFIC ANALYSIS FOR SECTION 700 - PA 309 to Doylestown Bypass

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
24-HOUR TRAFFIC COUNT RECORD

COUNTY: MONTGOMERY
MUNICIPALITY: MONTGOMERY

ROAD COUNTED ON: UPPER STATE RD
BETWEEN: FAIR ACRES DR & CANTERBURY LA
DIRECTION: BOTH

RECORDER NO: 1308
SET BY: AC
DATE: 07/10/91
DAY MACHINE SET: WED

COUNTS

DAY: DATE:	MON.	TUES.	WED. 07/10	THURS. 07/11	FRI. 07/12
12:00- 1:00 AM	0	0	0	52	66
1:00- 2:00 AM	0	0	0	18	29
2:00- 3:00 AM	0	0	0	20	21
3:00- 4:00 AM	0	0	0	14	12
4:00- 5:00 AM	0	0	0	22	16
5:00- 6:00 AM	0	0	0	76	81
6:00- 7:00 AM	0	0	0	432	434
7:00- 8:00 AM	0	0	0	824	854
8:00- 9:00 AM	0	0	0	644	0
9:00-10:00 AM	0	0	0	485	0
10:00-11:00 AM	0	0	0	432	0
11:00-12:00 PM	0	0	463	535	0
12:00- 1:00 PM	0	0	548	672	0
1:00- 2:00 PM	0	0	513	589	0
2:00- 3:00 PM	0	0	514	545	0
3:00- 4:00 PM	0	0	594	659	0
4:00- 5:00 PM	0	0	765	796	0
5:00- 6:00 PM	0	0	872	976	0
6:00- 7:00 PM	0	0	721	731	0
7:00- 8:00 PM	0	0	647	637	0
8:00- 9:00 PM	0	0	552	551	0
9:00-10:00 PM	0	0	467	437	0
10:00-11:00 PM	0	0	238	235	0
11:00-12:00 AM	0	0	115	138	0
TOTALS	0	0	7009	10520	1513

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: MONTGOMERY
MUNICIPALITY: MONTGOMERY

ROAD COUNTED ON: COUNTY LINE RD
BETWEEN: STUMP RD & UPPER STATE RD
DIRECTION: BOTH

RECORDER NO: 5362
SET BY: AC
DATE: 07/10/91
DAY MACHINE SET: WED

COUNTS

DAY: DATE:	MON.	TUES.	WED. 07/10	THURS. 07/11	FRI. 07/12
12:00- 1:00 AM	0	0	0	142	150
1:00- 2:00 AM	0	0	0	67	81
2:00- 3:00 AM	0	0	0	55	62
3:00- 4:00 AM	0	0	0	37	45
4:00- 5:00 AM	0	0	0	77	74
5:00- 6:00 AM	0	0	0	254	238
6:00- 7:00 AM	0	0	0	915	920
7:00- 8:00 AM	0	0	0	1323	1265
8:00- 9:00 AM	0	0	0	993	0
9:00-10:00 AM	0	0	0	780	0
10:00-11:00 AM	0	0	762	714	0
11:00-12:00 PM	0	0	804	799	0
12:00- 1:00 PM	0	0	819	879	0
1:00- 2:00 PM	0	0	832	834	0
2:00- 3:00 PM	0	0	823	857	0
3:00- 4:00 PM	0	0	1106	1072	0
4:00- 5:00 PM	0	0	1456	1418	0
5:00- 6:00 PM	0	0	1437	1443	0
6:00- 7:00 PM	0	0	1040	1077	0
7:00- 8:00 PM	0	0	822	796	0
8:00- 9:00 PM	0	0	808	670	0
9:00-10:00 PM	2	0	529	571	0
10:00-11:00 PM	0	0	369	421	0
11:00-12:00 AM	0	0	256	310	0
TOTALS	2	0	11863	16504	2835

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: BUCKS
 MUNICIPALITY: WARRINGTON

ROAD COUNTED ON: TR 152 LIMEKILN PIKE
 BETWEEN: WOODLAWN AVE & MILL CREEK RD
 DIRECTION: BOTH

RECORDER NO: 15826
 SET BY: RS
 DATE: 07/29/91
 DAY MACHINE SET: MON

COUNTS

DAY: DATE:	MON. 07/29	TUES. 07/30	WED. 07/31	THURS.	FRI.
12:00- 1:00 AM	0	79	48	0	0
1:00- 2:00 AM	0	11	17	0	0
2:00- 3:00 AM	0	14	7	0	0
3:00- 4:00 AM	0	10	15	0	0
4:00- 5:00 AM	0	18	18	0	0
5:00- 6:00 AM	0	75	78	0	0
6:00- 7:00 AM	0	377	358	0	0
7:00- 8:00 AM	0	559	570	0	0
8:00- 9:00 AM	0	453	461	0	0
9:00-10:00 AM	0	270	0	0	0
10:00-11:00 AM	206	216	0	0	0
11:00-12:00 PM	217	263	0	0	0
12:00- 1:00 PM	292	266	0	0	0
1:00- 2:00 PM	229	293	0	0	0
2:00- 3:00 PM	238	271	0	0	0
3:00- 4:00 PM	388	432	0	0	0
4:00- 5:00 PM	520	578	0	0	0
5:00- 6:00 PM	591	656	0	0	0
6:00- 7:00 PM	354	448	0	0	0
7:00- 8:00 PM	255	249	0	0	0
8:00- 9:00 PM	200	268	0	0	0
9:00-10:00 PM	156	179	0	0	0
10:00-11:00 PM	114	111	0	0	0
11:00-12:00 AM	98	118	0	0	0
TOTALS	3858	6214	1572	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: MONTGOMERY
MUNICIPALITY: MONTGOMERY

ROAD COUNTED ON: STUMP RD
BETWEEN: WILLOW LA & CAMP DR
DIRECTION: BOTH

RECORDER NO: 12402
SET BY: AC
DATE: 07/10/91
DAY MACHINE SET: WED

COUNTS

DAY: DATE:	MON.	TUES.	WED. 07/10	THURS. 07/11	FRI. 07/12
12:00- 1:00 AM	0	0	0	45	36
1:00- 2:00 AM	0	0	0	12	18
2:00- 3:00 AM	0	0	0	11	12
3:00- 4:00 AM	0	0	0	13	10
4:00- 5:00 AM	0	0	0	13	21
5:00- 6:00 AM	0	0	0	50	65
6:00- 7:00 AM	0	0	0	242	234
7:00- 8:00 AM	0	0	0	513	0
8:00- 9:00 AM	0	0	0	389	0
9:00-10:00 AM	0	0	0	261	0
10:00-11:00 AM	0	0	225	223	0
11:00-12:00 PM	0	0	264	278	0
12:00- 1:00 PM	0	0	312	323	0
1:00- 2:00 PM	0	0	272	300	0
2:00- 3:00 PM	0	0	290	288	0
3:00- 4:00 PM	0	0	326	344	0
4:00- 5:00 PM	0	0	488	471	0
5:00- 6:00 PM	0	0	536	543	0
6:00- 7:00 PM	0	0	397	383	0
7:00- 8:00 PM	0	0	302	298	0
8:00- 9:00 PM	0	0	258	248	0
9:00-10:00 PM	0	0	203	200	0
10:00-11:00 PM	0	0	105	120	0
11:00-12:00 AM	0	0	68	94	0
TOTALS	0	0	4046	5662	396

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: MONTGOMERY
MUNICIPALITY: MONTGOMERY

ROAD COUNTED ON: COUNTY LINE RD
BETWEEN: WOODLAWN AVE & STUMP RD
DIRECTION: BOTH

RECORDER NO: 13825
SET BY: AC
DATE: 07/10/91
DAY MACHINE SET: WED

COUNTS

DAY: DATE:	MON.	TUES.	WED. 07/10	THURS. 07/11	FRI. 07/12
12:00- 1:00 AM	0	0	0	147	141
1:00- 2:00 AM	0	0	0	63	86
2:00- 3:00 AM	0	0	0	57	57
3:00- 4:00 AM	0	0	0	44	47
4:00- 5:00 AM	0	0	0	69	68
5:00- 6:00 AM	0	0	0	258	237
6:00- 7:00 AM	0	0	0	905	911
7:00- 8:00 AM	0	0	0	1320	1251
8:00- 9:00 AM	0	0	0	994	0
9:00-10:00 AM	0	0	0	749	0
10:00-11:00 AM	0	0	741	703	0
11:00-12:00 PM	0	0	793	774	0
12:00- 1:00 PM	0	0	833	798	0
1:00- 2:00 PM	0	0	810	807	0
2:00- 3:00 PM	0	0	855	863	0
3:00- 4:00 PM	0	0	1111	1275	0
4:00- 5:00 PM	0	0	1415	1306	0
5:00- 6:00 PM	0	0	1312	1359	0
6:00- 7:00 PM	0	0	976	1006	0
7:00- 8:00 PM	0	0	831	785	0
8:00- 9:00 PM	0	0	627	678	0
9:00-10:00 PM	0	0	598	581	0
10:00-11:00 PM	0	0	394	442	0
11:00-12:00 AM	0	0	258	312	0
TOTALS	0	0	11554	16295	2798

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: MONTGOMERY
MUNICIPALITY: MONTGOMERY

ROAD COUNTED ON: TR 309 BETHLEHEM PK NB
BETWEEN: STUMP RD & TR 202
DIRECTION: NORTH

RECORDER NO: 12405
SET BY: JD
DATE: 07/16/91
DAY MACHINE SET: TUE

COUNTS

DAY: DATE:	MON.	TUES. 07/16	WED. 07/17	THURS. 07/18	FRI.
12:00- 1:00 AM	0	0	142	164	0
1:00- 2:00 AM	0	0	77	91	0
2:00- 3:00 AM	0	0	61	62	0
3:00- 4:00 AM	0	0	38	45	0
4:00- 5:00 AM	0	0	61	56	0
5:00- 6:00 AM	0	0	143	132	0
6:00- 7:00 AM	0	0	453	410	0
7:00- 8:00 AM	0	0	752	747	0
8:00- 9:00 AM	0	703	663	622	0
9:00-10:00 AM	0	785	811	805	0
10:00-11:00 AM	0	818	823	913	0
11:00-12:00 PM	0	901	1003	0	0
12:00- 1:00 PM	0	1071	1106	0	0
1:00- 2:00 PM	0	929	958	0	0
2:00- 3:00 PM	0	930	968	0	0
3:00- 4:00 PM	0	1174	1181	0	0
4:00- 5:00 PM	0	1461	1473	0	0
5:00- 6:00 PM	0	1497	1405	0	0
6:00- 7:00 PM	0	1167	1198	0	0
7:00- 8:00 PM	0	971	983	0	0
8:00- 9:00 PM	0	739	673	0	0
9:00-10:00 PM	0	572	608	0	0
10:00-11:00 PM	0	431	414	0	0
11:00-12:00 AM	0	321	277	0	0
TOTALS	0	14470	16271	4047	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: MONTGOMERY
MUNICIPALITY: MONTGOMERY

ROAD COUNTED ON: TR 309 BETHLEHEM PK SB
BETWEEN: STUMP RD & TR 202
DIRECTION: SOUTH

RECORDER NO: 15828
SET BY: JD
DATE: 07/16/91
DAY MACHINE SET: TUE

COUNTS

DAY: DATE:	MON.	TUES. 07/16	WED. 07/17	THURS. 07/18	FRI.
12:00- 1:00 AM	0	0	125	151	0
1:00- 2:00 AM	0	0	55	77	0
2:00- 3:00 AM	0	0	50	45	0
3:00- 4:00 AM	0	0	80	63	0
4:00- 5:00 AM	0	0	124	118	0
5:00- 6:00 AM	0	0	349	345	0
6:00- 7:00 AM	0	0	1069	1015	0
7:00- 8:00 AM	0	0	1699	1608	0
8:00- 9:00 AM	0	1299	1255	1165	0
9:00-10:00 AM	0	822	862	748	0
10:00-11:00 AM	0	740	796	816	0
11:00-12:00 PM	0	874	996	0	0
12:00- 1:00 PM	0	988	1062	0	0
1:00- 2:00 PM	0	1051	1047	0	0
2:00- 3:00 PM	0	982	953	0	0
3:00- 4:00 PM	0	1115	1068	0	0
4:00- 5:00 PM	0	1137	1047	0	0
5:00- 6:00 PM	0	1039	1014	0	0
6:00- 7:00 PM	0	967	911	0	0
7:00- 8:00 PM	0	814	857	0	0
8:00- 9:00 PM	0	727	751	0	0
9:00-10:00 PM	0	805	823	0	0
10:00-11:00 PM	0	337	367	0	0
11:00-12:00 AM	0	209	244	0	0
TOTALS	0	13906	17604	6151	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: MONTGOMERY
MUNICIPALITY: MONTGOMERY

ROAD COUNTED ON: STUMP RD
BETWEEN: ENTERPRISE RD & TR 309 BETHLEHEM PK
DIRECTION: BOTH

RECORDER NO: 1820
SET BY: AC
DATE: 07/09/91
DAY MACHINE SET: TUE

COUNTS

DAY: DATE:	MON.	TUES. 07/09	WED. 07/10	THURS. 07/11	FRI.
12:00- 1:00 AM	0	0	24	37	0
1:00- 2:00 AM	0	0	23	22	0
2:00- 3:00 AM	0	0	13	23	0
3:00- 4:00 AM	0	0	37	44	0
4:00- 5:00 AM	0	0	138	146	0
5:00- 6:00 AM	0	0	514	500	0
6:00- 7:00 AM	0	875	840	880	0
7:00- 8:00 AM	0	696	686	681	0
8:00- 9:00 AM	0	469	441	429	0
9:00-10:00 AM	0	431	463	0	0
10:00-11:00 AM	0	542	510	0	0
11:00-12:00 PM	0	574	594	0	0
12:00- 1:00 PM	0	537	540	0	0
1:00- 2:00 PM	0	535	531	0	0
2:00- 3:00 PM	0	626	670	0	0
3:00- 4:00 PM	0	799	804	0	0
4:00- 5:00 PM	0	896	903	0	0
5:00- 6:00 PM	0	604	551	0	0
6:00- 7:00 PM	0	421	416	0	0
7:00- 8:00 PM	0	351	339	0	0
8:00- 9:00 PM	0	297	273	0	0
9:00-10:00 PM	0	156	176	0	0
10:00-11:00 PM	0	110	131	0	0
11:00-12:00 AM	0	64	73	0	0
TOTALS	0	8983	9690	2762	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: MONTGOMERY
 MUNICIPALITY: MONTGOMERY

ROAD COUNTED ON: TR 463 HORSHAM RD
 BETWEEN: STUMP RD & KENAS RD
 DIRECTION: BOTH

RECORDER NO: 12406
 SET BY: AC
 DATE: 07/09/91
 DAY MACHINE SET: TUE

COUNTS

DAY: DATE:	MON.	TUES. 07/09	WED. 07/10	THURS. 07/11	FRI.
12:00- 1:00 AM	0	0	143	134	146
1:00- 2:00 AM	0	0	57	62	60
2:00- 3:00 AM	0	0	34	47	45
3:00- 4:00 AM	0	0	44	35	58
4:00- 5:00 AM	0	0	49	62	68
5:00- 6:00 AM	0	0	259	244	263
6:00- 7:00 AM	0	0	779	775	787
7:00- 8:00 AM	0	1302	1257	1211	0
8:00- 9:00 AM	0	995	936	963	0
9:00-10:00 AM	0	746	738	651	0
10:00-11:00 AM	0	698	659	643	0
11:00-12:00 PM	0	720	713	766	0
12:00- 1:00 PM	0	934	831	871	0
1:00- 2:00 PM	0	829	849	835	0
2:00- 3:00 PM	0	895	925	855	0
3:00- 4:00 PM	0	1055	1064	1116	0
4:00- 5:00 PM	0	1246	1240	1332	0
5:00- 6:00 PM	0	1284	1323	1333	0
6:00- 7:00 PM	0	969	988	1048	0
7:00- 8:00 PM	0	796	823	860	0
8:00- 9:00 PM	0	654	779	736	0
9:00-10:00 PM	2	585	613	636	0
10:00-11:00 PM	0	329	330	356	0
11:00-12:00 AM	0	210	242	259	0
TOTALS	2	14247	15675	15830	1427

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: MONTGOMERY
MUNICIPALITY: MONTGOMERY

ROAD COUNTED ON: KENAS RD
BETWEEN: ROSE TWIG LA & TR 463 HORSHAM RD
DIRECTION: BOTH

RECORDER NO: 7303
SET BY: AC
DATE: 07/09/91
DAY MACHINE SET: TUE

COUNTS

DAY: DATE:	MON.	TUES. 07/09	WED. 07/10	THURS. 07/11	FRI.
12:00- 1:00 AM	0	0	26	28	29
1:00- 2:00 AM	0	0	11	10	6
2:00- 3:00 AM	0	0	6	12	12
3:00- 4:00 AM	0	0	12	13	15
4:00- 5:00 AM	0	0	22	28	16
5:00- 6:00 AM	0	0	66	62	70
6:00- 7:00 AM	0	0	218	228	216
7:00- 8:00 AM	0	0	297	316	0
8:00- 9:00 AM	0	254	226	238	0
9:00-10:00 AM	0	158	165	167	0
10:00-11:00 AM	0	115	141	129	0
11:00-12:00 PM	0	123	143	155	0
12:00- 1:00 PM	0	126	128	125	0
1:00- 2:00 PM	0	155	159	173	0
2:00- 3:00 PM	0	155	161	163	0
3:00- 4:00 PM	0	265	257	258	0
4:00- 5:00 PM	0	279	281	307	0
5:00- 6:00 PM	0	328	324	322	0
6:00- 7:00 PM	0	227	262	228	0
7:00- 8:00 PM	0	148	167	157	0
8:00- 9:00 PM	0	146	140	147	0
9:00-10:00 PM	2	125	127	146	0
10:00-11:00 PM	0	77	65	78	0
11:00-12:00 AM	0	39	45	45	0
TOTALS	2	2720	3449	3535	364

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: MONTGOMERY
MUNICIPALITY: HORSHAM

ROAD COUNTED ON: LOWER STATE RD
BETWEEN: GOODWIN LA & TR 152 LIMEKILN PK
DIRECTION: BOTH

RECORDER NO: 8914
SET BY: AC
DATE: 07/09/91
DAY MACHINE SET: TUE

COUNTS

DAY: DATE:	MON.	TUES. 07/09	WED. 07/10	THURS. 07/11	FRI.
12:00- 1:00 AM	0	0	38	25	0
1:00- 2:00 AM	0	0	15	14	0
2:00- 3:00 AM	0	0	6	13	0
3:00- 4:00 AM	0	0	7	10	0
4:00- 5:00 AM	0	0	13	9	0
5:00- 6:00 AM	0	0	58	58	0
6:00- 7:00 AM	0	0	256	225	0
7:00- 8:00 AM	0	0	377	406	0
8:00- 9:00 AM	0	0	347	317	0
9:00-10:00 AM	0	0	185	0	0
10:00-11:00 AM	0	0	126	0	0
11:00-12:00 PM	0	25	144	0	0
12:00- 1:00 PM	0	163	169	0	0
1:00- 2:00 PM	0	151	162	0	0
2:00- 3:00 PM	0	195	190	0	0
3:00- 4:00 PM	0	259	253	0	0
4:00- 5:00 PM	0	373	343	0	0
5:00- 6:00 PM	0	429	344	0	0
6:00- 7:00 PM	0	298	313	0	0
7:00- 8:00 PM	0	199	189	0	0
8:00- 9:00 PM	0	161	145	0	0
9:00-10:00 PM	0	124	112	0	0
10:00-11:00 PM	0	93	100	0	0
11:00-12:00 AM	0	52	62	0	0
TOTALS	0	2522	3954	1077	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: MONTGOMERY
MUNICIPALITY: MONTGOMERY

ROAD COUNTED ON: HARTMAN RD
BETWEEN: DOMORAH RD & TR 309
DIRECTION: BOTH

RECORDER NO: 6333
SET BY: AC
DATE: 07/09/91
DAY MACHINE SET: TUE

COUNTS

DAY: DATE:	MON.	TUES. 07/09	WED. 07/10	THURS. 07/11	FRI.
12:00- 1:00 AM	0	0	14	14	15
1:00- 2:00 AM	0	0	3	6	4
2:00- 3:00 AM	0	0	3	3	2
3:00- 4:00 AM	0	0	8	7	9
4:00- 5:00 AM	0	0	6	11	11
5:00- 6:00 AM	0	0	59	54	64
6:00- 7:00 AM	0	0	125	116	118
7:00- 8:00 AM	0	0	153	156	0
8:00- 9:00 AM	0	126	133	139	0
9:00-10:00 AM	0	66	79	92	0
10:00-11:00 AM	0	72	72	63	0
11:00-12:00 PM	0	83	88	76	0
12:00- 1:00 PM	0	80	97	81	0
1:00- 2:00 PM	0	103	100	94	0
2:00- 3:00 PM	0	86	91	108	0
3:00- 4:00 PM	0	164	171	134	0
4:00- 5:00 PM	0	139	138	119	0
5:00- 6:00 PM	0	159	156	143	0
6:00- 7:00 PM	0	73	74	71	0
7:00- 8:00 PM	0	68	49	53	0
8:00- 9:00 PM	0	37	37	44	0
9:00-10:00 PM	0	22	32	27	0
10:00-11:00 PM	0	16	15	25	0
11:00-12:00 AM	0	26	27	31	0
TOTALS	0	1320	1730	1667	223

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: MONTGOMERY
MUNICIPALITY: HORSHAM

ROAD COUNTED ON: LOWER STATE RD
BETWEEN: VILLAGE DR & HORSHAM RD
DIRECTION: BOTH

RECORDER NO: 5340
SET BY: AC
DATE: 07/09/91
DAY MACHINE SET: TUE

COUNTS

DAY: DATE:	MON.	TUES. 07/09	WED. 07/10	THURS. 07/11	FRI.
12:00- 1:00 AM	0	0	33	48	0
1:00- 2:00 AM	0	0	28	17	0
2:00- 3:00 AM	0	0	10	7	0
3:00- 4:00 AM	0	0	8	9	0
4:00- 5:00 AM	0	0	14	13	0
5:00- 6:00 AM	0	0	85	63	0
6:00- 7:00 AM	0	0	265	291	0
7:00- 8:00 AM	0	0	453	0	0
8:00- 9:00 AM	0	95	364	0	0
9:00-10:00 AM	0	221	223	0	0
10:00-11:00 AM	0	174	185	0	0
11:00-12:00 PM	0	160	179	0	0
12:00- 1:00 PM	0	220	219	0	0
1:00- 2:00 PM	0	156	184	0	0
2:00- 3:00 PM	0	221	245	0	0
3:00- 4:00 PM	0	290	297	0	0
4:00- 5:00 PM	0	389	421	0	0
5:00- 6:00 PM	0	507	462	0	0
6:00- 7:00 PM	0	317	339	0	0
7:00- 8:00 PM	0	226	248	0	0
8:00- 9:00 PM	0	193	204	0	0
9:00-10:00 PM	0	150	145	0	0
10:00-11:00 PM	0	116	115	0	0
11:00-12:00 AM	0	64	83	0	0
TOTALS	0	3499	4809	448	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: BUCKS
MUNICIPALITY: NEW BRITAIN

ROAD COUNTED ON: TR 202 BUTLER AVE
BETWEEN: IRON HILL RD & EVERGREEN AVE
DIRECTION: BOTH

RECORDER NO: 13787
SET BY: AC
DATE: 07/15/91
DAY MACHINE SET: MON

COUNTS

DAY: DATE:	MON. 07/15	TUES. 07/16	WED. 07/17	THURS.	FRI.
12:00- 1:00 AM	0	148	154	0	0
1:00- 2:00 AM	0	80	76	0	0
2:00- 3:00 AM	0	68	55	0	0
3:00- 4:00 AM	0	63	49	0	0
4:00- 5:00 AM	0	109	115	0	0
5:00- 6:00 AM	0	291	246	0	0
6:00- 7:00 AM	0	898	908	0	0
7:00- 8:00 AM	0	1384	1399	0	0
8:00- 9:00 AM	0	1473	1456	0	0
9:00-10:00 AM	1276	1259	0	0	0
10:00-11:00 AM	1156	1147	0	0	0
11:00-12:00 PM	1300	1276	0	0	0
12:00- 1:00 PM	1345	1290	0	0	0
1:00- 2:00 PM	1269	1259	0	0	0
2:00- 3:00 PM	1298	1240	0	0	0
3:00- 4:00 PM	1453	1400	0	0	0
4:00- 5:00 PM	1524	1484	0	0	0
5:00- 6:00 PM	1588	1571	0	0	0
6:00- 7:00 PM	1352	1308	0	0	0
7:00- 8:00 PM	1069	1045	0	0	0
8:00- 9:00 PM	842	880	0	0	0
9:00-10:00 PM	806	794	0	0	0
10:00-11:00 PM	441	457	0	0	0
11:00-12:00 AM	286	294	0	0	0
TOTALS	17005	21218	4458	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: BUCKS
MUNICIPALITY: DOYLESTOWN

ROAD COUNTED ON: TR 611 EASTON RD SB
BETWEEN: ALMSHOUSE RD & EDISON FURLONG RD
DIRECTION: SOUTH

RECORDER NO: 1308
SET BY: AC
DATE: 07/16/91
DAY MACHINE SET: TUE

COUNTS

DAY: DATE:	MON.	TUES. 07/16	WED. 07/17	THURS. 07/18	FRI.
12:00- 1:00 AM	0	0	168	175	0
1:00- 2:00 AM	0	0	76	83	0
2:00- 3:00 AM	0	0	58	42	0
3:00- 4:00 AM	0	0	46	38	0
4:00- 5:00 AM	0	0	89	67	0
5:00- 6:00 AM	0	0	246	231	0
6:00- 7:00 AM	0	0	863	799	0
7:00- 8:00 AM	0	0	1403	1387	0
8:00- 9:00 AM	0	1210	1196	0	0
9:00-10:00 AM	0	991	988	0	0
10:00-11:00 AM	0	942	927	0	0
11:00-12:00 PM	0	946	963	0	0
12:00- 1:00 PM	0	1072	1059	0	0
1:00- 2:00 PM	0	1010	991	0	0
2:00- 3:00 PM	0	1034	1020	0	0
3:00- 4:00 PM	0	1213	1225	0	0
4:00- 5:00 PM	0	1246	1257	0	0
5:00- 6:00 PM	0	1272	1257	0	0
6:00- 7:00 PM	0	906	897	0	0
7:00- 8:00 PM	0	765	724	0	0
8:00- 9:00 PM	0	722	714	0	0
9:00-10:00 PM	0	653	636	0	0
10:00-11:00 PM	0	402	437	0	0
11:00-12:00 AM	0	276	286	0	0
TOTALS	0	14660	17526	2822	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: BUCKS
MUNICIPALITY: DOYLESTOWN

ROAD COUNTED ON: TR 611 EASTON RD NB
BETWEEN: ALMSHOUSE RD & EDISON FURLONG RD
DIRECTION: NORTH

RECORDER NO: 5362
SET BY: AC
DATE: 07/16/91
DAY MACHINE SET: TUE

COUNTS

DAY: DATE:	MON.	TUES. 07/16	WED. 07/17	THURS. 07/18	FRI.
12:00- 1:00 AM	0	0	132	146	0
1:00- 2:00 AM	0	0	81	92	0
2:00- 3:00 AM	0	0	48	56	0
3:00- 4:00 AM	0	0	28	24	0
4:00- 5:00 AM	0	0	48	33	0
5:00- 6:00 AM	0	0	155	141	0
6:00- 7:00 AM	0	0	540	522	0
7:00- 8:00 AM	0	0	960	947	0
8:00- 9:00 AM	0	0	1197	1203	0
9:00-10:00 AM	0	0	976	1002	0
10:00-11:00 AM	0	0	860	874	0
11:00-12:00 PM	0	0	910	898	0
12:00- 1:00 PM	0	942	923	0	0
1:00- 2:00 PM	0	933	921	0	0
2:00- 3:00 PM	0	912	901	0	0
3:00- 4:00 PM	0	987	1095	0	0
4:00- 5:00 PM	0	1282	1315	0	0
5:00- 6:00 PM	0	1321	1346	0	0
6:00- 7:00 PM	0	1111	1128	0	0
7:00- 8:00 PM	0	867	804	0	0
8:00- 9:00 PM	0	621	608	0	0
9:00-10:00 PM	0	504	534	0	0
10:00-11:00 PM	0	432	455	0	0
11:00-12:00 AM	0	291	270	0	0
TOTALS	0	10203	16235	5938	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: BUCKS
MUNICIPALITY: DOYLESTOWN

ROAD COUNTED ON: ALMSHOUSE RD
BETWEEN: LOWER STATE RD & MILITIA HILL RD
DIRECTION: BOTH

RECORDER NO: 7303
SET BY: AC
DATE: 08/19/91
DAY MACHINE SET: MON

COUNTS

DAY: DATE:	MON. 08/19	TUES. 08/20	WED. 08/21	THURS.	FRI.
12:00- 1:00 AM	0	8	7	0	0
1:00- 2:00 AM	0	2	3	0	0
2:00- 3:00 AM	0	2	0	0	0
3:00- 4:00 AM	0	0	0	0	0
4:00- 5:00 AM	0	6	4	0	0
5:00- 6:00 AM	0	3	5	0	0
6:00- 7:00 AM	0	25	27	0	0
7:00- 8:00 AM	0	59	65	0	0
8:00- 9:00 AM	0	74	65	0	0
9:00-10:00 AM	0	51	48	0	0
10:00-11:00 AM	0	40	0	0	0
11:00-12:00 PM	0	52	0	0	0
12:00- 1:00 PM	0	48	0	0	0
1:00- 2:00 PM	58	53	0	0	0
2:00- 3:00 PM	64	61	0	0	0
3:00- 4:00 PM	75	72	0	0	0
4:00- 5:00 PM	104	68	0	0	0
5:00- 6:00 PM	96	77	0	0	0
6:00- 7:00 PM	72	64	0	0	0
7:00- 8:00 PM	56	56	0	0	0
8:00- 9:00 PM	43	32	0	0	0
9:00-10:00 PM	28	28	0	0	0
10:00-11:00 PM	19	17	0	0	0
11:00-12:00 AM	17	14	0	0	0
TOTALS	632	912	224	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: BUCKS
MUNICIPALITY: NEW BRITAIN

ROAD COUNTED ON: TAMENEND AVE
BETWEEN: BEULAH RD & AARON AVE W
DIRECTION: BOTH

RECORDER NO: 13825
SET BY: AC
DATE: 07/16/91
DAY MACHINE SET: TUE

COUNTS

DAY: DATE:	MON.	TUES. 07/16	WED. 07/17	THURS. 07/18	FRI.
12:00- 1:00 AM	0	0	16	16	7
1:00- 2:00 AM	0	0	5	6	9
2:00- 3:00 AM	0	0	1	9	2
3:00- 4:00 AM	0	0	1	2	2
4:00- 5:00 AM	0	0	4	7	5
5:00- 6:00 AM	0	0	22	29	23
6:00- 7:00 AM	0	0	93	95	97
7:00- 8:00 AM	0	0	203	210	0
8:00- 9:00 AM	0	0	159	154	0
9:00-10:00 AM	0	103	96	111	0
10:00-11:00 AM	0	86	96	93	0
11:00-12:00 PM	0	101	103	104	0
12:00- 1:00 PM	0	136	111	131	0
1:00- 2:00 PM	0	111	136	120	0
2:00- 3:00 PM	0	102	104	109	0
3:00- 4:00 PM	0	126	130	135	0
4:00- 5:00 PM	0	200	229	228	0
5:00- 6:00 PM	0	286	281	247	0
6:00- 7:00 PM	0	191	165	165	0
7:00- 8:00 PM	0	122	153	149	0
8:00- 9:00 PM	0	122	130	135	0
9:00-10:00 PM	0	102	98	76	0
10:00-11:00 PM	0	45	63	49	0
11:00-12:00 AM	0	33	23	21	0
TOTALS	0	1866	2422	2401	145

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: BUCKS
MUNICIPALITY: DOYLESTOWN
ROAD COUNTED ON: LOWER STATE RD
BETWEEN: OLD NEW RD & ALMSHOUSE RD
DIRECTION: BOTH
RECORDER NO: 15888
SET BY: JD
DATE: 07/17/91
DAY MACHINE SET: WED

COUNTS

DAY: DATE:	MON.	TUES.	WED. 07/17	THURS. 07/18	FRI. 07/19
12:00- 1:00 AM	0	0	0	20	13
1:00- 2:00 AM	0	0	0	14	11
2:00- 3:00 AM	0	0	0	17	15
3:00- 4:00 AM	0	0	0	16	21
4:00- 5:00 AM	0	0	0	36	26
5:00- 6:00 AM	0	0	0	287	301
6:00- 7:00 AM	0	0	0	480	466
7:00- 8:00 AM	0	0	0	451	441
8:00- 9:00 AM	0	0	0	264	230
9:00-10:00 AM	0	0	241	200	0
10:00-11:00 AM	0	0	266	223	0
11:00-12:00 PM	0	0	316	243	0
12:00- 1:00 PM	0	0	324	272	0
1:00- 2:00 PM	0	0	299	248	0
2:00- 3:00 PM	0	0	351	332	0
3:00- 4:00 PM	0	0	510	504	0
4:00- 5:00 PM	0	0	652	617	0
5:00- 6:00 PM	0	0	412	384	0
6:00- 7:00 PM	0	0	315	256	0
7:00- 8:00 PM	0	0	264	241	0
8:00- 9:00 PM	0	0	222	196	0
9:00-10:00 PM	0	0	156	135	0
10:00-11:00 PM	0	0	101	77	0
11:00-12:00 AM	0	0	51	43	0
TOTALS	0	0	4480	5556	1524

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: BUCKS
MUNICIPALITY: WARRINGTON

ROAD COUNTED ON: BRISTOL RD
BETWEEN: DELL HAVEN DR & STUMP RD
DIRECTION: BOTH

RECORDER NO: 1336
SET BY: JD
DATE: 07/17/91
DAY MACHINE SET: WED

COUNTS

DAY: DATE:	MON.	TUES.	WED. 07/17	THURS. 07/18	FRI. 07/19
12:00- 1:00 AM	0	0	0	57	45
1:00- 2:00 AM	0	0	0	28	31
2:00- 3:00 AM	0	0	0	16	15
3:00- 4:00 AM	0	0	0	15	18
4:00- 5:00 AM	0	0	0	25	22
5:00- 6:00 AM	0	0	0	78	64
6:00- 7:00 AM	0	0	0	345	366
7:00- 8:00 AM	0	0	0	677	644
8:00- 9:00 AM	0	0	0	520	500
9:00-10:00 AM	0	0	0	323	369
10:00-11:00 AM	0	0	0	300	321
11:00-12:00 PM	0	0	321	314	0
12:00- 1:00 PM	0	0	388	403	0
1:00- 2:00 PM	0	0	345	392	0
2:00- 3:00 PM	0	0	356	329	0
3:00- 4:00 PM	0	0	425	412	0
4:00- 5:00 PM	0	0	564	607	0
5:00- 6:00 PM	0	0	721	731	0
6:00- 7:00 PM	0	0	569	546	0
7:00- 8:00 PM	0	0	402	376	0
8:00- 9:00 PM	0	0	316	288	0
9:00-10:00 PM	0	0	251	275	0
10:00-11:00 PM	0	0	199	178	0
11:00-12:00 AM	0	0	111	132	0

TOTALS 0 0 4968 7367 2395

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: BUCKS
 MUNICIPALITY: NEW BRITAIN
 ROAD COUNTED ON: BRISTOL RD
 BETWEEN: UNAMI TR & FOREST DR
 DIRECTION: BOTH
 RECORDER NO: 12405
 SET BY: JD
 DATE: 07/17/91
 DAY MACHINE SET: WED

COUNTS

DAY: DATE:	MON.	TUES.	WED. 07/17	THURS. 07/18	FRI. 07/19
12:00- 1:00 AM	0	0	0	46	56
1:00- 2:00 AM	0	0	0	19	18
2:00- 3:00 AM	0	0	0	14	5
3:00- 4:00 AM	0	0	0	11	11
4:00- 5:00 AM	0	0	0	18	22
5:00- 6:00 AM	0	0	0	69	76
6:00- 7:00 AM	0	0	0	303	356
7:00- 8:00 AM	0	0	0	598	633
8:00- 9:00 AM	0	0	0	456	501
9:00-10:00 AM	0	0	0	327	369
10:00-11:00 AM	0	0	0	276	341
11:00-12:00 PM	0	0	321	297	0
12:00- 1:00 PM	0	0	391	404	0
1:00- 2:00 PM	0	0	269	259	0
2:00- 3:00 PM	0	0	312	319	0
3:00- 4:00 PM	0	0	425	391	0
4:00- 5:00 PM	0	0	541	560	0
5:00- 6:00 PM	0	0	601	671	0
6:00- 7:00 PM	0	0	555	508	0
7:00- 8:00 PM	0	0	361	359	0
8:00- 9:00 PM	0	0	316	288	0
9:00-10:00 PM	0	0	264	242	0
10:00-11:00 PM	0	0	188	163	0
11:00-12:00 AM	0	0	109	99	0
TOTALS	0	0	4653	6697	2388

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: BUCKS
MUNICIPALITY: NEW BRITAIN

ROAD COUNTED ON: TR 202 BUTLER AVE NB
BETWEEN: KERNS AVE & BRISTOL RD
DIRECTION: NORTH

RECORDER NO: 7302
SET BY: JD
DATE: 07/17/91
DAY MACHINE SET: WED

COUNTS

DAY: DATE:	MON.	TUES.	WED. 07/17	THURS. 07/18	FRI. 07/19
12:00- 1:00 AM	0	0	0	76	59
1:00- 2:00 AM	0	0	0	49	52
2:00- 3:00 AM	0	0	0	37	40
3:00- 4:00 AM	0	0	0	39	42
4:00- 5:00 AM	0	0	0	48	35
5:00- 6:00 AM	0	0	0	140	152
6:00- 7:00 AM	0	0	0	423	403
7:00- 8:00 AM	0	0	0	650	644
8:00- 9:00 AM	0	0	0	629	631
9:00-10:00 AM	0	0	541	555	569
10:00-11:00 AM	0	0	584	579	592
11:00-12:00 PM	0	0	599	572	564
12:00- 1:00 PM	0	0	651	648	0
1:00- 2:00 PM	0	0	596	583	0
2:00- 3:00 PM	0	0	542	572	0
3:00- 4:00 PM	0	0	611	622	0
4:00- 5:00 PM	0	0	652	705	0
5:00- 6:00 PM	0	0	799	804	0
6:00- 7:00 PM	0	0	694	645	0
7:00- 8:00 PM	0	0	561	576	0
8:00- 9:00 PM	0	0	506	498	0
9:00-10:00 PM	0	0	364	377	0
10:00-11:00 PM	0	0	222	231	0
11:00-12:00 AM	0	0	143	176	0
TOTALS	0	0	8065	10234	3783

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: BUCKS
MUNICIPALITY: NEW BRITAIN

ROAD COUNTED ON: TR 202 BUTLER AVE SB
BETWEEN: KERNS AVE & BRISTOL RD
DIRECTION: SOUTH

RECORDER NO: 5060
SET BY: JD
DATE: 07/17/91
DAY MACHINE SET: WED

COUNTS

DAY: DATE:	MON.	TUES.	WED. 07/17	THURS. 07/18	FRI. 07/19
12:00- 1:00 AM	0	0	0	86	77
1:00- 2:00 AM	0	0	0	62	52
2:00- 3:00 AM	0	0	0	63	74
3:00- 4:00 AM	0	0	0	36	42
4:00- 5:00 AM	0	0	0	50	44
5:00- 6:00 AM	0	0	0	111	152
6:00- 7:00 AM	0	0	0	336	369
7:00- 8:00 AM	0	0	0	543	598
8:00- 9:00 AM	0	0	0	539	521
9:00-10:00 AM	0	0	541	567	0
10:00-11:00 AM	0	0	584	626	0
11:00-12:00 PM	0	0	599	617	0
12:00- 1:00 PM	0	0	861	871	0
1:00- 2:00 PM	0	0	719	734	0
2:00- 3:00 PM	0	0	633	617	0
3:00- 4:00 PM	0	0	756	776	0
4:00- 5:00 PM	0	0	875	891	0
5:00- 6:00 PM	0	0	1116	1102	0
6:00- 7:00 PM	0	0	906	891	0
7:00- 8:00 PM	0	0	584	612	0
8:00- 9:00 PM	0	0	666	602	0
9:00-10:00 PM	0	0	421	447	0
10:00-11:00 PM	0	0	312	349	0
11:00-12:00 AM	0	0	143	163	0
TOTALS	0	0	9716	11691	1929

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: BUCKS
MUNICIPALITY: WARRINGTON

ROAD COUNTED ON: PICKERTOWN RD
BETWEEN: STUMP RD & UPPER STATE RD
DIRECTION: BOTH

RECORDER NO: 5289
SET BY: JD
DATE: 07/16/91
DAY MACHINE SET: TUE

COUNTS

DAY: DATE:	MON.	TUES. 07/16	WED. 07/17	THURS. 07/18	FRI.
12:00- 1:00 AM	0	0	7	9	0
1:00- 2:00 AM	0	0	1	2	0
2:00- 3:00 AM	0	0	2	1	0
3:00- 4:00 AM	0	0	0	0	0
4:00- 5:00 AM	0	0	2	4	0
5:00- 6:00 AM	0	0	3	4	0
6:00- 7:00 AM	0	0	23	27	0
7:00- 8:00 AM	0	0	70	72	0
8:00- 9:00 AM	0	0	50	56	0
9:00-10:00 AM	0	0	30	21	0
10:00-11:00 AM	0	0	24	34	0
11:00-12:00 PM	0	35	27	44	0
12:00- 1:00 PM	0	43	41	38	0
1:00- 2:00 PM	0	32	42	0	0
2:00- 3:00 PM	0	43	35	0	0
3:00- 4:00 PM	0	46	57	0	0
4:00- 5:00 PM	0	76	73	0	0
5:00- 6:00 PM	0	89	94	0	0
6:00- 7:00 PM	0	47	56	0	0
7:00- 8:00 PM	0	43	45	0	0
8:00- 9:00 PM	0	40	43	0	0
9:00-10:00 PM	0	33	26	0	0
10:00-11:00 PM	0	21	19	0	0
11:00-12:00 AM	0	12	13	0	0
TOTALS	0	560	783	312	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: BUCKS
MUNICIPALITY: WARRINGTON

ROAD COUNTED ON: UPPER STATE RD
BETWEEN: TR 152 LIMEKILN PK & PICKERTOWN RD
DIRECTION: BOTH

RECORDER NO: 7302
SET BY: JD
DATE: 10/7/91
DAY MACHINE SET: MON

COUNTS

DAY: DATE:	MON. 10/07	TUES. 10/08	WED. 10/09	THURS.	FRI.
12:00- 1:00 AM	0	25	18	0	0
1:00- 2:00 AM	0	13	14	0	0
2:00- 3:00 AM	0	14	14	0	0
3:00- 4:00 AM	0	10	5	0	0
4:00- 5:00 AM	0	20	22	0	0
5:00- 6:00 AM	0	61	66	0	0
6:00- 7:00 AM	0	334	308	0	0
7:00- 8:00 AM	0	735	714	0	0
8:00- 9:00 AM	0	610	613	0	0
9:00-10:00 AM	0	387	317	0	0
10:00-11:00 AM	0	290	0	0	0
11:00-12:00 PM	274	322	0	0	0
12:00- 1:00 PM	319	350	0	0	0
1:00- 2:00 PM	331	328	0	0	0
2:00- 3:00 PM	389	452	0	0	0
3:00- 4:00 PM	521	551	0	0	0
4:00- 5:00 PM	644	717	0	0	0
5:00- 6:00 PM	892	888	0	0	0
6:00- 7:00 PM	560	606	0	0	0
7:00- 8:00 PM	381	359	0	0	0
8:00- 9:00 PM	246	266	0	0	0
9:00-10:00 PM	225	241	0	0	0
10:00-11:00 PM	114	130	0	0	0
11:00-12:00 AM	77	53	0	0	0
TOTALS	4973	7762	2091	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: BUCKS
MUNICIPALITY: NEW BRITAIN

ROAD COUNTED ON: TR 152 LIMEKILN PIKE
BETWEEN: NAOMI LANE & AIRVIEW CIRCLE
DIRECTION: BOTH

RECORDER NO: 13829
SET BY: JD
DATE: 07/17/91
DAY MACHINE SET: WED

COUNTS

DAY: DATE:	MON.	TUES.	WED. 07/17	THURS. 07/18	FRI. 07/19
12:00- 1:00 AM	0	0	0	51	78
1:00- 2:00 AM	0	0	0	29	33
2:00- 3:00 AM	0	0	0	19	26
3:00- 4:00 AM	0	0	0	5	11
4:00- 5:00 AM	0	0	0	22	18
5:00- 6:00 AM	0	0	0	80	96
6:00- 7:00 AM	0	0	0	438	456
7:00- 8:00 AM	0	0	0	615	633
8:00- 9:00 AM	0	0	0	470	501
9:00-10:00 AM	0	0	0	347	369
10:00-11:00 AM	0	0	0	327	364
11:00-12:00 PM	0	0	365	335	0
12:00- 1:00 PM	0	0	391	363	0
1:00- 2:00 PM	0	0	399	367	0
2:00- 3:00 PM	0	0	312	323	0
3:00- 4:00 PM	0	0	501	475	0
4:00- 5:00 PM	0	0	612	632	0
5:00- 6:00 PM	0	0	601	613	0
6:00- 7:00 PM	0	0	600	561	0
7:00- 8:00 PM	0	0	415	378	0
8:00- 9:00 PM	0	0	126	400	0
9:00-10:00 PM	0	0	264	241	0
10:00-11:00 PM	0	0	188	162	0
11:00-12:00 AM	0	0	134	115	0
TOTALS	0	0	4908	7368	2585

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: BUCKS
 MUNICIPALITY: WARRINGTON

ROAD COUNTED ON: LOWER STATE RD
 BETWEEN: BRADLEY RD & STREET RD
 DIRECTION: BOTH

RECORDER NO: 13833
 SET BY: RS
 DATE: 07/29/91
 DAY MACHINE SET: MON

COUNTS

DAY: DATE:	MON. 07/29	TUES. 07/30	WED. 07/31	THURS.	FRI.
12:00- 1:00 AM	0	57	104	0	0
1:00- 2:00 AM	0	57	65	0	0
2:00- 3:00 AM	0	46	50	0	0
3:00- 4:00 AM	0	43	52	0	0
4:00- 5:00 AM	0	69	62	0	0
5:00- 6:00 AM	0	171	197	0	0
6:00- 7:00 AM	0	629	629	0	0
7:00- 8:00 AM	0	937	940	0	0
8:00- 9:00 AM	0	717	755	0	0
9:00-10:00 AM	0	525	0	0	0
10:00-11:00 AM	423	486	0	0	0
11:00-12:00 PM	432	480	0	0	0
12:00- 1:00 PM	474	475	0	0	0
1:00- 2:00 PM	476	516	0	0	0
2:00- 3:00 PM	469	526	0	0	0
3:00- 4:00 PM	691	737	0	0	0
4:00- 5:00 PM	850	963	0	0	0
5:00- 6:00 PM	974	1014	0	0	0
6:00- 7:00 PM	680	759	0	0	0
7:00- 8:00 PM	452	462	0	0	0
8:00- 9:00 PM	354	422	0	0	0
9:00-10:00 PM	331	351	0	0	0
10:00-11:00 PM	209	180	0	0	0
11:00-12:00 AM	125	169	0	0	0
TOTALS	6940	10791	2854	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: BUCKS
MUNICIPALITY: NEW BRITAIN

ROAD COUNTED ON: TR 202 BUTLER AVE NB
BETWEEN: SCHOOL HOUSE RD & COUNTY LINE RD
DIRECTION: NORTH

RECORDER NO: 7302
SET BY: JD
DATE: 07/16/91
DAY MACHINE SET: TUE

COUNTS

DAY: DATE:	MON.	TUES. 07/16	WED. 07/17	THURS. 07/18	FRI.
12:00- 1:00 AM	0	0	56	65	0
1:00- 2:00 AM	0	0	26	34	0
2:00- 3:00 AM	0	0	25	29	0
3:00- 4:00 AM	0	0	18	26	0
4:00- 5:00 AM	0	0	29	26	0
5:00- 6:00 AM	0	0	73	58	0
6:00- 7:00 AM	0	0	184	180	0
7:00- 8:00 AM	0	0	260	275	0
8:00- 9:00 AM	0	0	313	303	0
9:00-10:00 AM	0	0	393	333	0
10:00-11:00 AM	0	0	436	416	0
11:00-12:00 PM	0	495	467	499	0
12:00- 1:00 PM	0	496	489	0	0
1:00- 2:00 PM	0	519	477	0	0
2:00- 3:00 PM	0	475	484	0	0
3:00- 4:00 PM	0	504	470	0	0
4:00- 5:00 PM	0	612	620	0	0
5:00- 6:00 PM	0	748	758	0	0
6:00- 7:00 PM	0	689	538	0	0
7:00- 8:00 PM	0	498	525	0	0
8:00- 9:00 PM	0	447	453	0	0
9:00-10:00 PM	0	429	429	0	0
10:00-11:00 PM	0	216	222	0	0
11:00-12:00 AM	0	122	134	0	0
TOTALS	0	6250	7879	2244	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: BUCKS
 MUNICIPALITY: NEW BRITAIN
 ROAD COUNTED ON: TR 202 BUTLER AVE SB
 BETWEEN: SCHOOL HOUSE RD & COUNTY LINE RD
 DIRECTION: SOUTH
 RECORDER NO: 5060
 SET BY: JD
 DATE: 07/16/91
 DAY MACHINE SET: TUE

COUNTS

DAY: DATE:	MON.	TUES. 07/16	WED. 07/17	THURS. 07/18	FRI.
12:00- 1:00 AM	0	0	47	60	0
1:00- 2:00 AM	0	0	35	23	0
2:00- 3:00 AM	0	0	28	56	0
3:00- 4:00 AM	0	0	46	57	0
4:00- 5:00 AM	0	0	35	31	0
5:00- 6:00 AM	0	0	116	116	0
6:00- 7:00 AM	0	0	461	466	0
7:00- 8:00 AM	0	0	728	765	0
8:00- 9:00 AM	0	0	602	580	0
9:00-10:00 AM	0	0	498	518	0
10:00-11:00 AM	0	0	564	547	0
11:00-12:00 PM	0	590	595	546	0
12:00- 1:00 PM	0	616	555	0	0
1:00- 2:00 PM	0	577	522	0	0
2:00- 3:00 PM	0	603	557	0	0
3:00- 4:00 PM	0	518	565	0	0
4:00- 5:00 PM	0	519	544	0	0
5:00- 6:00 PM	0	611	565	0	0
6:00- 7:00 PM	0	477	545	0	0
7:00- 8:00 PM	0	518	595	0	0
8:00- 9:00 PM	0	435	388	0	0
9:00-10:00 PM	0	461	312	0	0
10:00-11:00 PM	0	269	211	0	0
11:00-12:00 AM	0	113	125	0	0
TOTALS	0	6307	9239	3765	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: BUCKS
MUNICIPALITY: DOYLESTOWN

ROAD COUNTED ON: TR 202/TR 611 NB
BETWEEN: TR 202 & SOUTH OF TR 202
DIRECTION: NORTH

RECORDER NO: 9168
SET BY: JD
DATE: 12/10/91
DAY MACHINE SET: TUE

COUNTS

DAY: DATE:	MON.	TUES. 12/10	WED. 12/11	THURS. 12/12	FRI.
12:00- 1:00 AM	0	0	72	75	105
1:00- 2:00 AM	0	0	34	59	33
2:00- 3:00 AM	0	0	42	41	46
3:00- 4:00 AM	0	0	29	28	35
4:00- 5:00 AM	0	0	35	38	45
5:00- 6:00 AM	0	0	102	97	138
6:00- 7:00 AM	0	0	394	443	418
7:00- 8:00 AM	0	0	849	850	28
8:00- 9:00 AM	0	837	846	824	0
9:00-10:00 AM	0	726	647	676	0
10:00-11:00 AM	0	626	587	581	0
11:00-12:00 PM	0	643	639	632	0
12:00- 1:00 PM	0	729	612	643	0
1:00- 2:00 PM	0	730	619	657	0
2:00- 3:00 PM	0	771	737	711	0
3:00- 4:00 PM	0	880	927	937	0
4:00- 5:00 PM	0	1095	1100	1132	0
5:00- 6:00 PM	0	1050	1075	1073	0
6:00- 7:00 PM	0	863	839	868	0
7:00- 8:00 PM	0	502	533	558	0
8:00- 9:00 PM	0	387	409	409	0
9:00-10:00 PM	0	303	344	355	0
10:00-11:00 PM	0	285	292	276	0
11:00-12:00 AM	0	155	171	173	0
TOTALS	0	10582	11934	12136	848

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: BUCKS
MUNICIPALITY: DOYLESTOWN

ROAD COUNTED ON: TR 202/TR 611 SB
BETWEEN: TR 202 & SOUTH OF TR 202
DIRECTION: SOUTH

RECORDER NO: 9168
SET BY: JD
DATE: 12/10/91
DAY MACHINE SET: TUE

COUNTS

DAY: DATE:	MON.	TUES. 12/10	WED. 12/11	THURS. 12/12	FRI.
12:00- 1:00 AM	0	0	63	76	79
1:00- 2:00 AM	0	0	46	40	51
2:00- 3:00 AM	0	0	34	39	38
3:00- 4:00 AM	0	0	51	37	40
4:00- 5:00 AM	0	0	54	85	66
5:00- 6:00 AM	0	0	229	232	252
6:00- 7:00 AM	0	0	745	746	721
7:00- 8:00 AM	0	0	1147	1123	62
8:00- 9:00 AM	0	1006	938	962	0
9:00-10:00 AM	0	793	663	691	0
10:00-11:00 AM	0	660	601	664	0
11:00-12:00 PM	0	641	658	669	0
12:00- 1:00 PM	0	675	719	691	0
1:00- 2:00 PM	0	698	731	650	0
2:00- 3:00 PM	0	726	731	713	0
3:00- 4:00 PM	0	837	841	914	0
4:00- 5:00 PM	0	943	914	949	0
5:00- 6:00 PM	0	942	1005	897	0
6:00- 7:00 PM	0	630	701	723	0
7:00- 8:00 PM	0	445	455	468	0
8:00- 9:00 PM	0	418	414	387	0
9:00-10:00 PM	0	312	388	347	0
10:00-11:00 PM	0	225	254	284	0
11:00-12:00 AM	0	148	154	150	0
TOTALS	0	10099	12536	12537	1309

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: BUCKS
MUNICIPALITY: CHALFONT

ROAD COUNTED ON: TR 152 MAIN ST
BETWEEN: TR 202 BUTLER AVE & PARK AVE
DIRECTION: BOTH

RECORDER NO: 14304
SET BY: JD
DATE: 12/11/91
DAY MACHINE SET: WED

COUNTS

DAY: DATE:	MON.	TUES.	WED. 12/11	THURS. 12/12	FRI. 12/13
12:00- 1:00 AM	0	0	0	112	129
1:00- 2:00 AM	0	0	0	54	62
2:00- 3:00 AM	0	0	0	37	44
3:00- 4:00 AM	0	0	0	25	29
4:00- 5:00 AM	0	0	0	56	59
5:00- 6:00 AM	0	0	0	193	214
6:00- 7:00 AM	0	0	0	902	832
7:00- 8:00 AM	0	0	0	1529	1540
8:00- 9:00 AM	0	0	0	1176	1197
9:00-10:00 AM	0	0	0	745	766
10:00-11:00 AM	0	0	0	738	757
11:00-12:00 PM	0	0	0	783	804
12:00- 1:00 PM	0	0	802	793	811
1:00- 2:00 PM	0	0	726	751	0
2:00- 3:00 PM	0	0	849	859	0
3:00- 4:00 PM	0	0	1014	1091	0
4:00- 5:00 PM	0	0	1279	1322	0
5:00- 6:00 PM	0	0	1442	1372	0
6:00- 7:00 PM	0	0	1193	1130	0
7:00- 8:00 PM	0	0	805	805	0
8:00- 9:00 PM	0	0	661	578	0
9:00-10:00 PM	0	0	541	558	0
10:00-11:00 PM	0	0	366	353	0
11:00-12:00 AM	0	0	233	217	0

TOTALS 0 0 9911 16179 7244

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: MONTGOMERY
MUNICIPALITY: MONTGOMERY

ROAD COUNTED ON: TR 309 NB
BETWEEN: TR 63 & STUMP ROAD
DIRECTION: NORTH

RECORDER NO: 12405
SET BY: JD
DATE: 12/11/91
DAY MACHINE SET: WED

COUNTS

DAY: DATE:	MON.	TUES.	WED. 12/11	THURS. 12/12	FRI. 12/13
12:00- 1:00 AM	0	0	0	157	126
1:00- 2:00 AM	0	0	0	74	81
2:00- 3:00 AM	0	0	0	55	51
3:00- 4:00 AM	0	0	0	51	61
4:00- 5:00 AM	0	0	0	77	65
5:00- 6:00 AM	0	0	0	205	140
6:00- 7:00 AM	0	0	0	350	358
7:00- 8:00 AM	0	0	0	672	641
8:00- 9:00 AM	0	0	0	630	623
9:00-10:00 AM	0	0	0	809	820
10:00-11:00 AM	0	0	0	817	831
11:00-12:00 PM	0	0	0	1071	1093
12:00- 1:00 PM	0	0	0	1191	1203
1:00- 2:00 PM	0	0	875	749	770
2:00- 3:00 PM	0	0	948	1066	0
3:00- 4:00 PM	0	0	1317	1387	0
4:00- 5:00 PM	0	0	1466	1662	0
5:00- 6:00 PM	0	0	1655	1671	0
6:00- 7:00 PM	0	0	1616	1407	0
7:00- 8:00 PM	0	0	1130	982	0
8:00- 9:00 PM	0	0	709	634	0
9:00-10:00 PM	0	0	600	465	0
10:00-11:00 PM	0	0	391	287	0
11:00-12:00 AM	0	0	197	247	0
TOTALS	0	0	10904	16716	6863

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: MONTGOMERY
MUNICIPALITY: MONTGOMERY

ROAD COUNTED ON: TR 309 SB
BETWEEN: TR 63 & STUMP ROAD
DIRECTION: SOUTH

RECORDER NO: 13829
SET BY: JD
DATE: 12/11/91
DAY MACHINE SET: WED

COUNTS

DAY: DATE:	MON.	TUES.	WED. 12/11	THURS. 12/12	FRI. 12/13
12:00- 1:00 AM	0	0	0	141	148
1:00- 2:00 AM	0	0	0	60	75
2:00- 3:00 AM	0	0	0	48	55
3:00- 4:00 AM	0	0	0	54	69
4:00- 5:00 AM	0	0	0	111	100
5:00- 6:00 AM	0	0	0	299	306
6:00- 7:00 AM	0	0	0	1131	1057
7:00- 8:00 AM	0	0	0	2012	1912
8:00- 9:00 AM	0	0	0	1573	1595
9:00-10:00 AM	0	0	0	883	901
10:00-11:00 AM	0	0	0	809	830
11:00-12:00 PM	0	0	0	1002	1013
12:00- 1:00 PM	0	0	0	1188	1193
1:00- 2:00 PM	0	0	1300	1247	1263
2:00- 3:00 PM	0	0	1279	1268	0
3:00- 4:00 PM	0	0	1341	1387	0
4:00- 5:00 PM	0	0	1522	1452	0
5:00- 6:00 PM	0	0	1522	1415	0
6:00- 7:00 PM	0	0	1133	1081	0
7:00- 8:00 PM	0	0	989	862	0
8:00- 9:00 PM	0	0	948	766	0
9:00-10:00 PM	0	0	953	697	0
10:00-11:00 PM	0	0	748	495	0
11:00-12:00 AM	0	0	384	258	0

TOTALS 0 0 12119 20239 10517

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: MONTGOMERY
MUNICIPALITY: MONTGOMERY

ROAD COUNTED ON: UPPER STATE ROAD
BETWEEN: TR 309 & TR 463 HORSHAM RD
DIRECTION: BOTH

RECORDER NO: 12405
SET BY: JD
DATE: 12/9/91
DAY MACHINE SET: MON

COUNTS

DAY: DATE:	MON. 12/09	TUES. 12/10	WED. 12/11	THURS.	FRI.
12:00- 1:00 AM	0	63	68	0	0
1:00- 2:00 AM	0	16	24	0	0
2:00- 3:00 AM	0	15	20	0	0
3:00- 4:00 AM	0	8	11	0	0
4:00- 5:00 AM	0	22	21	0	0
5:00- 6:00 AM	0	78	79	0	0
6:00- 7:00 AM	0	472	457	0	0
7:00- 8:00 AM	0	961	954	0	0
8:00- 9:00 AM	0	853	959	0	0
9:00-10:00 AM	0	713	780	0	0
10:00-11:00 AM	0	818	808	0	0
11:00-12:00 PM	0	825	834	0	0
12:00- 1:00 PM	937	941	952	0	0
1:00- 2:00 PM	881	932	0	0	0
2:00- 3:00 PM	872	919	0	0	0
3:00- 4:00 PM	937	1009	0	0	0
4:00- 5:00 PM	1010	1101	0	0	0
5:00- 6:00 PM	1092	1294	0	0	0
6:00- 7:00 PM	1051	1128	0	0	0
7:00- 8:00 PM	814	958	0	0	0
8:00- 9:00 PM	631	828	0	0	0
9:00-10:00 PM	503	679	0	0	0
10:00-11:00 PM	295	426	0	0	0
11:00-12:00 AM	101	125	0	0	0
TOTALS	9124	15184	5967	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: BUCKS
MUNICIPALITY: DOYLESTOWN

ROAD COUNTED ON: UPPER STATE ROAD
BETWEEN: BRISTOL RD & ALMSHOUSE RD
DIRECTION: BOTH

RECORDER NO: 2185
SET BY: JD
DATE: 12/10/91
DAY MACHINE SET: TUE

COUNTS

DAY: DATE:	MON.	TUES. 12/10	WED. 12/11	THURS. 12/12	FRI.
12:00- 1:00 AM	0	0	21	37	0
1:00- 2:00 AM	0	0	20	16	0
2:00- 3:00 AM	0	0	10	16	0
3:00- 4:00 AM	0	0	10	12	0
4:00- 5:00 AM	0	0	17	13	0
5:00- 6:00 AM	0	0	58	45	0
6:00- 7:00 AM	0	0	273	291	0
7:00- 8:00 AM	0	0	671	659	0
8:00- 9:00 AM	0	589	548	515	0
9:00-10:00 AM	0	369	362	0	0
10:00-11:00 AM	0	332	367	0	0
11:00-12:00 PM	0	334	355	0	0
12:00- 1:00 PM	0	361	371	0	0
1:00- 2:00 PM	0	387	387	0	0
2:00- 3:00 PM	0	456	484	0	0
3:00- 4:00 PM	0	496	523	0	0
4:00- 5:00 PM	0	634	686	0	0
5:00- 6:00 PM	0	724	739	0	0
6:00- 7:00 PM	0	519	565	0	0
7:00- 8:00 PM	0	376	392	0	0
8:00- 9:00 PM	0	259	309	0	0
9:00-10:00 PM	0	238	263	0	0
10:00-11:00 PM	0	165	224	0	0
11:00-12:00 AM	0	56	78	0	0

TOTALS 0 6295 7733 1604 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: MONTGOMERY
MUNICIPALITY: MONTGOMERY

ROAD COUNTED ON: STUMP RD
BETWEEN: TR 309 & TR 63 WELSH RD
DIRECTION: BOTH

RECORDER NO: 14892
SET BY: JD
DATE: 12/9/91
DAY MACHINE SET: MON

COUNTS

DAY: DATE:	MON. 12/09	TUES. 12/10	WED. 12/11	THURS.	FRI.
12:00- 1:00 AM	0	38	49	0	0
1:00- 2:00 AM	0	17	15	0	0
2:00- 3:00 AM	0	10	7	0	0
3:00- 4:00 AM	0	10	10	0	0
4:00- 5:00 AM	0	20	30	0	0
5:00- 6:00 AM	0	103	99	0	0
6:00- 7:00 AM	0	374	382	0	0
7:00- 8:00 AM	0	752	777	0	0
8:00- 9:00 AM	0	719	758	0	0
9:00-10:00 AM	0	392	438	0	0
10:00-11:00 AM	0	348	367	0	0
11:00-12:00 PM	0	449	447	0	0
12:00- 1:00 PM	513	553	581	0	0
1:00- 2:00 PM	477	423	0	0	0
2:00- 3:00 PM	446	466	0	0	0
3:00- 4:00 PM	584	563	0	0	0
4:00- 5:00 PM	657	701	0	0	0
5:00- 6:00 PM	817	836	0	0	0
6:00- 7:00 PM	555	567	0	0	0
7:00- 8:00 PM	352	366	0	0	0
8:00- 9:00 PM	269	290	0	0	0
9:00-10:00 PM	193	236	0	0	0
10:00-11:00 PM	152	159	0	0	0
11:00-12:00 AM	72	90	0	0	0
TOTALS	5087	8481	3960	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: BUCKS
MUNICIPALITY: WARRINGTON

ROAD COUNTED ON: STUMP RD
BETWEEN: TR 152 & PICKERTOWN RD
DIRECTION: BOTH

RECORDER NO: 7302
SET BY: JD
DATE: 12/10/91
DAY MACHINE SET: TUE

COUNTS

DAY: DATE:	MON.	TUES. 12/10	WED. 12/11	THURS. 12/12	FRI.
12:00- 1:00 AM	0	0	6	4	0
1:00- 2:00 AM	0	0	3	3	0
2:00- 3:00 AM	0	0	3	3	0
3:00- 4:00 AM	0	0	1	0	0
4:00- 5:00 AM	0	0	2	2	0
5:00- 6:00 AM	0	0	7	12	0
6:00- 7:00 AM	0	0	44	44	0
7:00- 8:00 AM	0	0	118	126	0
8:00- 9:00 AM	0	0	85	84	0
9:00-10:00 AM	0	37	45	55	0
10:00-11:00 AM	0	41	41	0	0
11:00-12:00 PM	0	45	43	0	0
12:00- 1:00 PM	0	57	48	0	0
1:00- 2:00 PM	0	57	50	0	0
2:00- 3:00 PM	0	71	56	0	0
3:00- 4:00 PM	0	67	72	0	0
4:00- 5:00 PM	0	117	95	0	0
5:00- 6:00 PM	0	125	123	0	0
6:00- 7:00 PM	0	63	78	0	0
7:00- 8:00 PM	0	54	55	0	0
8:00- 9:00 PM	0	34	35	0	0
9:00-10:00 PM	0	35	30	0	0
10:00-11:00 PM	0	12	23	0	0
11:00-12:00 AM	0	10	15	0	0
TOTALS	0	825	1078	333	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: MONTGOMERY
MUNICIPALITY: LOWER GWYNEDD

ROAD COUNTED ON: TR 202 DEKALB PIKE SB
BETWEEN: HANCOCK RD & MEETINGHOUSE RD
DIRECTION: SOUTH

RECORDER NO: 6370
SET BY: RS
DATE: 07/24/91
DAY MACHINE SET: WED

COUNTS

DAY: DATE:	MON.	TUES.	WED. 07/24	THURS. 07/25	FRI. 07/26
12:00- 1:00 AM	0	0	0	107	110
1:00- 2:00 AM	0	0	0	44	44
2:00- 3:00 AM	0	0	0	37	27
3:00- 4:00 AM	0	0	0	28	43
4:00- 5:00 AM	0	0	0	42	38
5:00- 6:00 AM	0	0	0	152	142
6:00- 7:00 AM	0	0	0	640	608
7:00- 8:00 AM	0	0	0	1134	1128
8:00- 9:00 AM	0	0	0	921	0
9:00-10:00 AM	0	0	0	571	0
10:00-11:00 AM	0	0	0	541	0
11:00-12:00 PM	0	0	0	631	0
12:00- 1:00 PM	0	0	699	711	0
1:00- 2:00 PM	0	0	681	688	0
2:00- 3:00 PM	0	0	657	740	0
3:00- 4:00 PM	0	0	773	766	0
4:00- 5:00 PM	0	0	883	874	0
5:00- 6:00 PM	0	0	888	924	0
6:00- 7:00 PM	0	0	696	666	0
7:00- 8:00 PM	0	0	537	531	0
8:00- 9:00 PM	0	0	535	510	0
9:00-10:00 PM	0	0	503	409	0
10:00-11:00 PM	0	0	268	267	0
11:00-12:00 AM	0	0	180	166	0
TOTALS	0	0	7300	12100	2140

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: MONTGOMERY
MUNICIPALITY: LOWER GWYNEDD

ROAD COUNTED ON: TR 202 DEKALB PIKE NB
BETWEEN: HANCOCK RD & MEETINGHOUSE RD
DIRECTION: NORTH

RECORDER NO: 15800
SET BY: RS
DATE: 07/24/91
DAY MACHINE SET: WED

COUNTS

DAY: DATE:	MON.	TUES.	WED. 07/24	THURS. 07/25	FRI. 07/26
12:00- 1:00 AM	0	0	0	121	136
1:00- 2:00 AM	0	0	0	55	43
2:00- 3:00 AM	0	0	0	52	35
3:00- 4:00 AM	0	0	0	34	37
4:00- 5:00 AM	0	0	0	46	41
5:00- 6:00 AM	0	0	0	128	110
6:00- 7:00 AM	0	0	0	341	332
7:00- 8:00 AM	0	0	0	513	494
8:00- 9:00 AM	0	0	0	512	0
9:00-10:00 AM	0	0	0	572	0
10:00-11:00 AM	0	0	0	607	0
11:00-12:00 PM	0	0	0	707	0
12:00- 1:00 PM	0	0	758	737	0
1:00- 2:00 PM	0	0	638	655	0
2:00- 3:00 PM	0	0	642	692	0
3:00- 4:00 PM	0	0	797	861	0
4:00- 5:00 PM	0	0	1094	1050	0
5:00- 6:00 PM	0	0	1193	1224	0
6:00- 7:00 PM	0	0	851	840	0
7:00- 8:00 PM	0	0	643	647	0
8:00- 9:00 PM	0	0	539	527	0
9:00-10:00 PM	0	0	436	426	0
10:00-11:00 PM	0	0	308	292	0
11:00-12:00 AM	0	0	187	187	0
TOTALS	0	0	8086	11826	1228

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: MONTGOMERY
MUNICIPALITY: MONTGOMERY

ROAD COUNTED ON: TR 63 WELSH RD
BETWEEN: KEYSTONE RD & STUMP RD
DIRECTION: BOTH

RECORDER NO: 15800
SET BY: RS
DATE: 07/22/91
DAY MACHINE SET: MON

COUNTS

DAY: DATE:	MON. 07/22	TUES. 07/23	WED. 07/24	THURS.	FRI.
12:00- 1:00 AM	0	154	114	0	0
1:00- 2:00 AM	0	66	72	0	0
2:00- 3:00 AM	0	51	52	0	0
3:00- 4:00 AM	0	33	39	0	0
4:00- 5:00 AM	0	69	63	0	0
5:00- 6:00 AM	0	229	238	0	0
6:00- 7:00 AM	0	909	905	0	0
7:00- 8:00 AM	0	1437	1409	0	0
8:00- 9:00 AM	0	1239	1195	0	0
9:00-10:00 AM	0	752	693	0	0
10:00-11:00 AM	676	709	0	0	0
11:00-12:00 PM	889	872	0	0	0
12:00- 1:00 PM	1038	988	0	0	0
1:00- 2:00 PM	913	970	0	0	0
2:00- 3:00 PM	938	940	0	0	0
3:00- 4:00 PM	1203	1213	0	0	0
4:00- 5:00 PM	1383	1460	0	0	0
5:00- 6:00 PM	1408	1441	0	0	0
6:00- 7:00 PM	957	917	0	0	0
7:00- 8:00 PM	802	744	0	0	0
8:00- 9:00 PM	615	521	0	0	0
9:00-10:00 PM	497	550	0	0	0
10:00-11:00 PM	299	311	0	0	0
11:00-12:00 AM	217	241	0	0	0
TOTALS	11835	16816	4780	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: MONTGOMERY
MUNICIPALITY: MONTGOMERY

ROAD COUNTED ON: TR 63 WELSH ROAD EB
BETWEEN: SANDYS LA & TR 202
DIRECTION: EAST

RECORDER NO: 13833
SET BY: RS
DATE: 07/24/91
DAY MACHINE SET: WED

COUNTS

DAY: DATE:	MON.	TUES.	WED. 07/24	THURS. 07/25	FRI. 07/26
12:00- 1:00 AM	0	0	0	67	70
1:00- 2:00 AM	0	0	0	29	30
2:00- 3:00 AM	0	0	0	23	22
3:00- 4:00 AM	0	0	0	20	25
4:00- 5:00 AM	0	0	0	32	36
5:00- 6:00 AM	0	0	0	114	107
6:00- 7:00 AM	0	0	0	479	476
7:00- 8:00 AM	0	0	0	827	774
8:00- 9:00 AM	0	0	0	606	0
9:00-10:00 AM	0	0	0	384	0
10:00-11:00 AM	0	0	0	397	0
11:00-12:00 PM	0	0	0	478	0
12:00- 1:00 PM	0	0	547	541	0
1:00- 2:00 PM	0	0	460	506	0
2:00- 3:00 PM	0	0	450	473	0
3:00- 4:00 PM	0	0	567	599	0
4:00- 5:00 PM	0	0	534	543	0
5:00- 6:00 PM	0	0	588	553	0
6:00- 7:00 PM	0	0	424	436	0
7:00- 8:00 PM	0	0	327	356	0
8:00- 9:00 PM	0	0	328	320	0
9:00-10:00 PM	0	0	308	245	0
10:00-11:00 PM	0	0	169	146	0
11:00-12:00 AM	0	0	113	108	0
TOTALS	0	0	4815	8282	1540

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: MONTGOMERY
MUNICIPALITY: MONTGOMERY

ROAD COUNTED ON: TR 63 WELSH ROAD WB
BETWEEN: SANDYS LA & TR 202
DIRECTION: WEST

RECORDER NO: 13661
SET BY: SP
DATE: 07/24/91
DAY MACHINE SET: WED

COUNTS

DAY: DATE:	MON.	TUES.	WED. 07/24	THURS. 07/25	FRI. 07/26
12:00- 1:00 AM	0	0	0	92	89
1:00- 2:00 AM	0	0	0	43	37
2:00- 3:00 AM	0	0	0	25	34
3:00- 4:00 AM	0	0	0	19	23
4:00- 5:00 AM	0	0	0	32	38
5:00- 6:00 AM	0	0	0	83	93
6:00- 7:00 AM	0	0	0	281	286
7:00- 8:00 AM	0	0	0	409	365
8:00- 9:00 AM	0	0	0	403	0
9:00-10:00 AM	0	0	0	418	0
10:00-11:00 AM	0	0	0	483	0
11:00-12:00 PM	0	0	0	508	0
12:00- 1:00 PM	0	0	523	534	0
1:00- 2:00 PM	0	0	520	501	0
2:00- 3:00 PM	0	0	538	555	0
3:00- 4:00 PM	0	0	571	636	0
4:00- 5:00 PM	0	0	784	780	0
5:00- 6:00 PM	0	0	806	814	0
6:00- 7:00 PM	0	0	620	596	0
7:00- 8:00 PM	0	0	480	475	0
8:00- 9:00 PM	0	0	374	377	0
9:00-10:00 PM	0	0	333	328	0
10:00-11:00 PM	0	0	214	218	0
11:00-12:00 AM	0	0	145	147	0
TOTALS	0	0	5908	8757	965

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: MONTGOMERY
MUNICIPALITY: MONTGOMERY

ROAD COUNTED ON: TR 202 SB
BETWEEN: KNAPP RD & WELSH RD
DIRECTION: SOUTH

RECORDER NO: 13833
SET BY: RS
DATE: 07/22/91
DAY MACHINE SET: MON

COUNTS

DAY: DATE:	MON. 07/22	TUES. 07/23	WED. 07/24	THURS.	FRI.
12:00- 1:00 AM	0	32	59	0	0
1:00- 2:00 AM	0	26	22	0	0
2:00- 3:00 AM	0	22	22	0	0
3:00- 4:00 AM	0	19	20	0	0
4:00- 5:00 AM	0	26	32	0	0
5:00- 6:00 AM	0	94	84	0	0
6:00- 7:00 AM	0	404	399	0	0
7:00- 8:00 AM	0	814	805	0	0
8:00- 9:00 AM	0	631	637	0	0
9:00-10:00 AM	0	417	395	0	0
10:00-11:00 AM	384	403	403	0	0
11:00-12:00 PM	432	490	0	0	0
12:00- 1:00 PM	439	495	0	0	0
1:00- 2:00 PM	439	460	0	0	0
2:00- 3:00 PM	456	507	0	0	0
3:00- 4:00 PM	491	544	0	0	0
4:00- 5:00 PM	494	486	0	0	0
5:00- 6:00 PM	535	581	0	0	0
6:00- 7:00 PM	478	422	0	0	0
7:00- 8:00 PM	412	339	0	0	0
8:00- 9:00 PM	359	309	0	0	0
9:00-10:00 PM	321	326	0	0	0
10:00-11:00 PM	144	163	0	0	0
11:00-12:00 AM	86	95	0	0	0
TOTALS	5470	8105	2878	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: MONTGOMERY
MUNICIPALITY: MONTGOMERY

ROAD COUNTED ON: TR 202 NB
BETWEEN: KNAPP RD & WELSH RD
DIRECTION: NORTH

RECORDER NO: 13661
SET BY: RS
DATE: 07/22/91
DAY MACHINE SET: MON

COUNTS

DAY: DATE:	MON. 07/22	TUES. 07/23	WED. 07/24	THURS.	FRI.
12:00- 1:00 AM	0	50	72	0	0
1:00- 2:00 AM	0	26	31	0	0
2:00- 3:00 AM	0	25	22	0	0
3:00- 4:00 AM	0	24	32	0	0
4:00- 5:00 AM	0	39	33	0	0
5:00- 6:00 AM	0	89	66	0	0
6:00- 7:00 AM	0	225	207	0	0
7:00- 8:00 AM	0	350	323	0	0
8:00- 9:00 AM	0	369	394	0	0
9:00-10:00 AM	0	407	372	0	0
10:00-11:00 AM	411	424	467	0	0
11:00-12:00 PM	492	503	0	0	0
12:00- 1:00 PM	525	559	0	0	0
1:00- 2:00 PM	481	480	0	0	0
2:00- 3:00 PM	461	445	0	0	0
3:00- 4:00 PM	536	538	0	0	0
4:00- 5:00 PM	712	701	0	0	0
5:00- 6:00 PM	826	811	0	0	0
6:00- 7:00 PM	639	561	0	0	0
7:00- 8:00 PM	429	447	0	0	0
8:00- 9:00 PM	382	332	0	0	0
9:00-10:00 PM	263	245	0	0	0
10:00-11:00 PM	181	259	0	0	0
11:00-12:00 AM	95	136	0	0	0
TOTALS	6433	8045	2019	0	0

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

REMARKS:

APPENDIX B

MANUAL TURNING MOVEMENT TRAFFIC COUNTS

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DELAWARE VALLEY REGIONAL PLANNING COMMISSION
TRAFFIC COUNTING

COUNTY: MONTGOMERY
MUNICIPALITY: UPPER GWYNEDD

INTERSECTION: North-South Street East-West Street
STREETS: TR 202 DEKALB PIKE & TR 63 WELSH RD

DATE: 12/19/91
DAY: THU
WEATHER: FAIR

INTERVAL COUNTS

STARTING TIME	TR 202 DEKALB PIKE								TR 63 WELSH RD								N-S TOTAL	E-W TOTAL	TOTAL
	1-NORTHBOUND				2-SOUTHBOUND				3-EASTBOUND				4-WESTBOUND						
	L	S	R	TOTAL	L	S	R	TOTAL	L	S	R	TOTAL	L	S	R	TOTAL			
7:00 7:15	15	55	6	76	29	174	3	206	7	140	15	162	7	110	6	123	282	285	567
7:15 7:30	18	59	7	84	31	186	0	217	5	148	21	174	5	102	7	114	301	288	589
7:30 7:45	17	66	8	91	28	182	1	211	2	171	14	187	8	92	9	109	302	296	598
7:45 8:00	13	74	4	91	39	212	1	252	2	217	27	246	8	140	9	157	343	403	746
8:00 8:15	16	72	6	94	27	180	4	211	2	186	24	212	17	135	14	166	305	378	683
8:15 8:30	17	68	10	95	24	157	5	186	4	151	18	173	20	118	11	149	281	322	603
8:30 8:45	13	71	29	113	17	129	1	147	3	120	14	137	28	114	10	152	260	289	549
8:45 9:00	27	64	14	105	11	106	6	123	3	118	14	135	12	114	3	129	228	264	492
9:00 9:30	34	170	66	270	16	146	8	170	18	194	36	248	52	114	16	182	440	430	870
9:30 10:00	47	170	51	268	25	121	14	160	8	166	27	201	26	161	14	201	428	402	830
10:00 10:30	55	187	36	278	15	201	11	227	12	154	33	199	25	203	21	249	505	448	953
10:30 11:00	49	206	37	292	21	161	17	199	15	172	43	230	24	178	30	232	491	462	953
11:00 11:30	52	192	38	282	8	236	2	246	18	167	36	221	8	246	16	270	528	491	1019
11:30 12:00	48	200	28	276	11	213	8	232	12	148	48	208	8	249	12	269	508	477	985
TOTALS	421	1654	340	2415	302	2404	81	2787	111	2252	370	2733	248	2076	178	2502	5202	5235	10437

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
TRAFFIC COUNTING

COUNTY: MONTGOMERY
MUNICIPALITY: UPPER GWYNEDD

INTERSECTION: North-South Street East-West Street
STREETS: TR 202 DEKALB PIKE & TR 63 WELSH RD

DATE: 12/5/91
DAY: THU
WEATHER: FAIR

INTERVAL COUNTS

STARTING TIME	TR 202 DEKALB PIKE								TR 63 WELSH RD								N-S TOTAL	E-W TOTAL	TOTAL
	1-NORTHBOUND				2-SOUTHBOUND				3-EASTBOUND				4-WESTBOUND						
	L	S	R	TOTAL	L	S	R	TOTAL	L	S	R	TOTAL	L	S	R	TOTAL			
12:00 12:30	52	219	12	283	16	157	8	181	22	203	42	267	25	201	62	288	464	555	1019
12:30 1:00	38	186	16	240	42	214	14	270	18	186	42	246	24	216	38	278	510	524	1034
1:00 1:30	43	187	17	247	48	202	19	269	23	188	43	254	20	207	53	280	516	534	1050
1:30 2:00	49	240	6	295	30	256	20	306	14	206	46	266	26	189	44	259	601	525	1126
2:00 2:30	33	190	8	231	31	197	19	247	17	174	63	254	19	194	27	240	478	494	972
2:30 3:00	40	214	13	267	32	217	22	271	23	191	46	260	25	191	29	245	538	505	1043
3:00 3:30	41	207	12	260	35	208	15	258	12	230	31	273	23	197	28	248	518	521	1039
3:30 4:00	58	226	16	300	24	226	15	265	15	263	55	333	28	218	31	277	565	610	1175
4:00 4:15	31	135	2	168	13	114	10	137	4	112	22	138	11	172	36	219	305	357	662
4:15 4:30	23	134	0	157	11	90	5	106	4	115	24	143	22	148	23	193	263	336	599
4:30 4:45	32	167	2	201	13	134	6	153	7	121	35	163	21	162	38	221	354	384	738
4:45 5:00	31	151	3	185	15	115	4	134	8	136	16	160	23	177	36	236	319	396	715
5:00 5:15	37	166	4	207	16	113	3	132	3	117	21	141	27	157	46	230	339	371	710
5:15 5:30	22	176	2	200	14	117	8	139	4	128	23	155	23	172	45	240	339	395	734
5:30 5:45	34	181	3	218	11	121	6	138	5	121	20	146	26	176	41	243	356	389	745
5:45 6:00	29	179	5	213	9	123	4	136	4	126	22	152	24	180	47	251	349	403	752
TOTALS	593	2958	121	3672	360	2604	178	3142	183	2617	551	3351	367	2957	624	3948	6814	7299	14113

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
TRAFFIC COUNTING

COUNTY: MONTGOMERY
MUNICIPALITY: MONTGOMERY

INTERSECTION: North-South Street East-West Street
STREETS: TR 309 BETHLEHEM PK & TR 202 DEKALB PK/UPPER ST RD

DATE: 07/11/91
DAY: THU
WEATHER: FAIR

INTERVAL COUNTS

STARTING TIME	TR 309 BETHLEHEM PK				TR 202 DEKALB PK/UPPER ST RD				N-S TOTAL	E-W TOTAL	TOTAL								
	1-NORTHBOUND		2-SOUTHBOUND		3-EASTBOUND		4-WESTBOUND												
	L	S	R	TOTAL	L	S	R	TOTAL	L	S	R	TOTAL							
7:00 7:15	7	225	12	244	3	350	90	443	29	59	9	97	46	121	3	170	687	267	954
7:15 7:30	11	245	15	271	4	370	95	469	30	60	7	97	51	130	4	185	740	282	1022
7:30 7:45	5	200	11	216	3	347	86	436	35	50	6	91	47	111	2	160	652	251	903
7:45 8:00	10	143	15	168	2	316	55	373	42	42	12	96	81	98	3	182	541	278	819
8:00 8:15	8	165	15	188	6	354	86	446	26	38	9	73	55	87	5	147	634	220	854
8:15 8:30	5	122	10	137	4	241	74	319	34	35	8	77	57	77	1	135	456	212	668
8:30 8:45	4	154	9	167	5	214	62	281	32	35	9	76	30	63	0	93	448	169	617
8:45 9:00	11	114	10	135	2	206	51	259	36	50	8	94	37	79	2	118	394	212	606
9:00 9:30	35	279	22	336	5	275	89	369	59	49	12	120	41	128	15	184	705	304	1009
9:30 10:00	44	301	27	372	8	267	94	369	81	68	26	175	30	164	4	198	741	373	1114
10:00 10:30	51	334	25	410	14	294	94	402	111	74	16	201	36	132	9	177	812	378	1190
10:30 11:00	57	350	26	433	29	300	118	447	93	91	31	215	35	120	3	158	880	373	1253
11:00 11:30	59	436	35	530	35	321	72	428	114	129	35	278	56	166	14	236	958	514	1472
11:30 12:00	53	364	27	444	27	262	80	369	86	129	23	238	47	158	18	223	813	461	1274
TOTALS	360	3432	259	4051	147	4117	1146	5410	808	909	211	1928	649	1634	83	2366	9461	4294	13755

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
TRAFFIC COUNTING

COUNTY: MONTGOMERY
MUNICIPALITY: MONTGOMERY

INTERSECTION: North-South Street East-West Street
STREETS: TR 309 BETHLEHEM PK & TR 202 DEKALB PK/UPPER ST RD

DATE: 07/11/91
DAY: THU
WEATHER: FAIR

INTERVAL COUNTS

STARTING TIME	TR 309 BETHLEHEM PK								TR 202 DEKALB PK/UPPER ST RD								N-S TOTAL	E-W TOTAL	TOTAL
	1-NORTHBOUND				2-SOUTHBOUND				3-EASTBOUND				4-WESTBOUND						
TIME	L	S	R	TOTAL	L	S	R	TOTAL	L	S	R	TOTAL	L	S	R	TOTAL	TOTAL	TOTAL	TOTAL
12:00 12:30	84	439	18	541	31	379	102	512	131	185	43	359	69	152	11	232	1053	591	1644
12:30 1:00	64	424	19	507	30	441	113	584	123	157	46	326	66	154	19	239	1091	565	1656
1:00 1:30	58	410	25	493	31	407	107	545	113	163	59	335	57	173	10	240	1038	575	1613
1:30 2:00	57	351	14	422	26	413	77	516	101	155	36	292	58	136	7	201	938	493	1431
2:00 2:30	49	417	41	507	37	409	90	536	106	144	47	297	62	141	9	212	1043	509	1552
2:30 3:00	53	407	24	484	29	417	103	549	117	171	38	326	85	142	16	243	1033	569	1602
3:00 3:30	41	395	23	459	22	396	93	511	107	181	43	331	47	146	16	209	970	540	1510
3:30 4:00	42	549	20	611	28	488	97	613	134	185	46	365	50	153	6	209	1224	574	1798
4:00 4:15	21	305	17	343	8	214	44	266	73	106	17	196	26	73	3	102	609	298	907
4:15 4:30	27	264	32	323	17	230	39	286	58	96	19	173	23	78	3	104	609	277	886
4:30 4:45	23	252	25	300	9	266	43	318	70	117	19	206	26	83	7	116	618	322	940
4:45 5:00	24	298	28	350	17	220	53	290	67	98	12	177	23	115	4	142	640	319	959
5:00 5:15	37	310	21	368	21	257	56	334	99	115	16	230	24	111	5	140	702	370	1072
5:15 5:30	47	341	31	419	14	261	56	331	76	103	9	188	21	92	9	122	750	310	1060
5:30 5:45	53	366	28	447	11	279	61	351	83	112	12	207	27	115	11	153	798	360	1158
5:45 6:00	49	352	33	434	9	261	58	328	79	124	11	214	25	94	6	125	762	339	1101
TOTALS	729	5880	399	7008	340	5338	1192	6870	1537	2212	473	4222	689	1958	142	2789	13878	7011	20889

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
TRAFFIC COUNTING

COUNTY: MONTGOMERY
MUNICIPALITY: MONTGOMERY

INTERSECTION: North-South Street East-West Street
STREETS: NORTH WALES RD & TR 202/TR 309

DATE: 08/13/91
DAY: TUE
WEATHER: FAIR

INTERVAL COUNTS

STARTING TIME	NORTH WALES RD				TR 202/TR 309				N-S TOTAL	E-W TOTAL	TOTAL								
	1-NORTHBOUND		2-SOUTHBOUND		3-EASTBOUND		4-WESTBOUND												
	L	S	R	TOTAL	L	S	R	TOTAL	L	S	R	TOTAL							
7:00 7:15	21	22	5	48	8	29	0	37	4	307	16	327	4	221	3	228	85	555	640
7:15 7:30	24	30	2	56	7	17	1	25	6	355	12	373	3	216	0	219	81	592	673
7:30 7:45	35	32	7	74	8	34	2	44	2	391	23	416	1	258	2	261	118	677	795
7:45 8:00	22	37	4	63	21	60	5	86	7	390	32	429	6	297	1	304	149	733	882
8:00 8:15	25	23	9	57	8	47	2	57	11	372	19	402	5	254	0	259	114	661	775
8:15 8:30	26	33	7	66	7	51	2	60	7	268	33	308	5	271	2	278	126	586	712
8:30 8:45	25	25	7	57	9	37	2	48	3	304	24	331	1	207	4	212	105	543	648
8:45 9:00	38	20	7	65	11	44	0	55	9	259	32	300	4	156	0	160	120	460	580
9:00 9:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9:30 10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00 10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30 11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00 11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	216	222	48	486	79	319	14	412	49	2646	191	2886	29	1880	12	1921	898	4807	5705

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
TRAFFIC COUNTING

COUNTY: MONTGOMERY
MUNICIPALITY: MONTGOMERY

INTERSECTION: North-South Street East-West Street
STREETS: NORTH WALES RD & TR 202/TR 309

DATE: 08/13/91
DAY: TUE
WEATHER: FAIR

INTERVAL COUNTS

STARTING TIME	NORTH WALES RD								TR 202/TR 309				N-S TOTAL	E-W TOTAL	TOTAL					
	1-NORTHBOUND				2-SOUTHBOUND				3-EASTBOUND							4-WESTBOUND				
	L	S	R	TOTAL	L	S	R	TOTAL	L	S	R	TOTAL	L	S	R	TOTAL				
12:00 12:30	0	0	0	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	0	0	0
1:00 1:30	0	0	0	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	0	0	0
2:00 2:30	0	0	0	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	0	0	0
3:00 3:30	0	0	0	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	0	0	0
4:00 4:15	55	58	7	120	7	33	18	58	17	252	43	312	11	342	3	356	178	668	846	
4:15 4:30	39	47	3	89	8	39	13	60	21	224	47	292	13	348	6	367	149	659	808	
4:30 4:45	46	50	9	105	9	46	20	75	15	286	42	343	10	285	7	302	180	645	825	
4:45 5:00	53	68	11	132	12	69	25	106	18	260	39	317	14	301	7	322	238	639	877	
5:00 5:15	58	70	10	138	9	46	26	81	23	280	43	346	15	358	7	380	219	726	945	
5:15 5:30	54	67	6	127	2	47	11	60	18	233	51	302	23	382	4	409	187	711	898	
5:30 5:45	56	61	4	121	12	48	23	83	28	312	52	392	11	403	7	421	204	813	1017	
5:45 6:00	51	59	5	115	10	70	16	96	24	237	46	307	32	383	6	421	211	728	939	
TOTALS	412	480	55	947	69	398	152	619	164	2084	363	2611	129	2802	47	2978	1566	5589	7155	

US 202 TRAFFIC ANALYSIS FOR SECTION 700 - PA 63 to Doylestown Bypass

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
TRAFFIC COUNTING

COUNTY: MONTGOMERY
MUNICIPALITY: MONTGOMERY

INTERSECTION: TR 309/TR 202/TR 463

DATE: 07/25/91
DAY: THU
WEATHER: RAIN

INTERVAL COUNTS

STARTING TIME	1- TR 202,309 NORTH					2- TR 309 SOUTH					3- TR 463 EAST					4- TR 463 WEST					5- TR 202 WEST					TOTAL
	3	2	5	4	TOTAL	5	4	1	3	TOTAL	2	5	4	1	TOTAL	1	3	2	5	TOTAL	4	1	3	2	TOTAL	TOTAL
7:00 7:15	47	151	39	3	237	2	36	238	2	278	1	12	74	58	145	1	22	22	6	51	7	74	33	2	116	827
7:15 7:30	64	264	66	3	397	5	35	269	1	310	0	31	100	82	213	0	57	32	3	92	6	101	24	5	136	1148
7:30 7:45	74	251	56	4	381	3	63	269	2	337	1	25	118	76	220	0	57	18	6	81	6	116	47	7	176	1195
7:45 8:00	29	180	38	2	249	1	33	189	2	225	2	24	83	59	168	1	56	32	69	158	14	93	47	3	157	957
8:00 8:15	37	164	37	4	242	6	41	250	1	298	1	20	77	49	147	1	51	27	4	83	5	96	47	7	155	925
8:15 8:30	50	146	30	3	229	5	39	213	2	259	0	35	71	53	159	0	43	28	4	75	15	100	45	2	162	884
8:30 8:45	49	133	36	4	222	9	37	169	5	220	0	28	64	61	153	4	59	25	7	95	6	61	31	3	101	791
8:45 9:00	77	140	39	5	261	8	33	233	3	277	0	28	44	48	120	1	46	27	10	84	10	74	34	11	129	871
9:00 9:30	88	263	63	6	420	8	66	364	4	442	4	44	101	59	208	4	79	69	18	170	16	123	87	16	242	1482
9:30 10:00	84	299	79	6	468	16	85	327	4	432	7	72	109	91	279	5	90	41	18	154	36	114	69	29	248	1581
10:00 10:30	65	301	120	11	497	22	60	293	4	379	14	50	92	89	245	5	92	43	11	151	47	126	79	24	276	1548
10:30 11:00	118	289	131	10	548	12	52	285	6	355	9	54	98	92	253	6	97	44	21	168	28	130	52	27	237	1561
11:00 11:30	111	364	130	4	609	12	56	323	3	394	10	62	104	96	272	8	104	48	25	185	36	141	65	31	273	1733
11:30 12:00	125	401	145	6	677	14	62	341	6	423	15	75	112	102	304	9	99	54	28	190	39	157	71	40	307	1901
TOTALS	1018	3346	1009	71	5437	123	698	3763	45	4629	64	560	1247	1015	2886	45	952	510	230	1737	271	1506	731	207	2715	17404

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
 TRAFFIC COUNTING

COUNTY: MONTGOMERY
 MUNICIPALITY: MONTGOMERY

INTERSECTION: TR 309/TR 202/TR 463

DATE: 07/18/91
 DAY: THU
 WEATHER: FAIR

INTERVAL COUNTS

STARTING TIME	1- TR 202/TR 309 NORTH					2- TR 309 SOUTH					3- TR 463 EAST					4- TR 463 WEST					5- TR 202 SOUTH					TOTAL
	3	2	5	4	TOTAL	5	4	1	3	TOTAL	2	5	4	1	TOTAL	1	3	2	5	TOTAL	4	1	3	2	TOTAL	TOTAL
12:00 12:30	105	296	148	7	549	22	30	324	2	378	4	71	123	86	284	8	137	55	26	226	17	152	68	32	269	1706
12:30 1:00	98	283	154	10	545	17	39	307	4	367	7	88	110	90	295	5	148	72	22	247	22	143	76	26	267	1721
1:00 1:30	107	325	95	4	527	12	43	337	2	394	14	69	110	85	278	13	128	39	29	209	30	139	68	28	265	1673
1:30 2:00	119	347	133	7	606	22	51	314	8	395	14	81	119	90	304	4	112	42	27	185	23	116	93	27	259	1749
2:00 2:30	114	303	104	5	526	18	57	300	10	385	17	76	128	86	307	11	146	31	42	230	28	124	65	26	243	1691
2:30 3:00	131	344	133	3	611	21	59	340	12	432	8	78	116	73	275	10	152	51	20	233	22	91	76	23	212	1763
3:00 3:30	98	352	118	10	578	19	56	322	5	402	7	77	121	119	324	7	139	64	22	232	26	134	83	29	272	1808
3:30 4:00	114	455	156	8	733	23	71	374	6	474	8	82	146	76	312	12	171	85	16	284	34	132	70	16	252	2055
4:00 4:15	72	234	75	2	383	5	27	190	4	226	1	37	69	45	152	3	87	34	8	132	9	52	32	9	102	995
4:15 4:30	53	248	97	1	399	10	33	191	4	238	4	52	74	56	186	16	86	46	6	154	15	57	39	9	120	1097
4:30 4:45	62	229	81	2	374	19	24	249	3	295	3	42	69	47	161	12	96	38	10	156	19	56	39	16	130	1116
4:45 5:00	65	265	82	3	415	15	32	232	2	281	4	44	73	50	171	3	96	42	5	146	14	58	34	13	119	1132
5:00 5:15	68	256	93	1	418	8	38	208	2	256	3	76	93	64	236	2	120	55	5	182	18	69	46	8	141	1233
5:15 5:30	60	275	108	0	443	11	37	210	4	262	5	56	72	56	189	5	104	37	9	155	12	66	36	14	128	1177
5:30 5:45	64	283	113	2	462	14	41	215	3	273	4	67	84	61	216	4	110	42	10	166	17	73	41	12	143	1260
5:45 6:00	55	251	84	2	392	9	36	200	4	249	6	52	69	54	181	3	91	39	6	139	10	58	36	9	113	1074
TOTALS	1385	4746	1774	67	7961	245	674	4313	75	5307	109	1048	1576	1138	3871	118	1923	772	263	3076	316	1520	902	297	3035	23250

US 202 TRAFFIC ANALYSIS FOR SECTION 700 - PA 63 to Doylestown Bypass

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
TRAFFIC COUNTING

COUNTY: MONTGOMERY
MUNICIPALITY: MONTGOMERY

INTERSECTION: North-South Street East-West Street
STREETS: STUMP RD & TR 309

DATE: 08/13/91
DAY: TUE
WEATHER: FAIR

INTERVAL COUNTS

STARTING TIME	STUMP RD				2-SOUTHBOUND				TR 309				4-WESTBOUND				N-S TOTAL	E-W TOTAL	TOTAL
	1-NORTHBOUND	L	S	R	L	S	R	TOTAL	L	S	R	TOTAL	L	S	R	TOTAL			
7:00 7:15	1	55	2	58	71	42	1	114	16	375	2	393	0	154	23	177	172	570	742
7:15 7:30	2	69	5	76	71	42	3	116	17	366	1	384	1	183	29	213	192	597	789
7:30 7:45	1	52	5	58	89	42	4	135	13	369	1	383	2	228	20	250	193	633	826
7:45 8:00	1	52	5	58	87	45	5	137	13	400	1	414	4	198	15	217	195	631	826
8:00 8:15	2	58	6	66	85	46	3	134	14	379	1	394	2	189	14	205	200	599	799
8:15 8:30	2	47	4	53	74	37	4	115	12	343	1	356	2	158	18	178	168	534	702
8:30 8:45	3	33	3	39	65	28	6	99	10	275	1	286	1	128	25	154	138	440	578
8:45 9:00	3	31	7	41	62	31	5	98	11	294	2	307	3	134	19	156	139	463	602
9:00 9:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9:30 10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00 10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30 11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00 11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	15	397	37	449	604	313	31	948	106	2801	10	2917	15	1372	163	1550	1397	4467	5864

US 202 TRAFFIC ANALYSIS FOR SECTION 700 - PA 63 to Doylestown Bypass

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
TRAFFIC COUNTING

COUNTY: MONTGOMERY
MUNICIPALITY: MONTGOMERY

INTERSECTION: North-South Street East-West Street
STREETS: STUMP RD & TR 309

DATE: 08/15/91
DAY: THU
WEATHER: FAIR

INTERVAL COUNTS

STARTING TIME	STUMP RD				TR 309				N-S TOTAL	E-W TOTAL	TOTAL								
	1-NORTHBOUND		2-SOUTHBOUND		3-EASTBOUND		4-WESTBOUND												
	L	S	R	TOTAL	L	S	R	TOTAL	L	S	R	TOTAL							
12:00 12:30	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			
1:00 1:30	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			
2:00 2:30	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			
3:00 3:30	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			
4:00 4:15	8	44	5	57	41	58	50	149	9	229	2	240	2	335	33	370	206	610	816
4:15 4:30	7	51	6	64	25	54	43	122	9	224	0	233	2	315	40	357	186	590	776
4:30 4:45	7	43	4	54	23	51	47	121	8	258	6	272	1	340	39	380	175	652	827
4:45 5:00	8	39	4	51	19	49	38	106	6	247	6	259	3	340	33	376	157	635	792
5:00 5:15	15	59	2	76	28	61	35	124	4	283	5	292	7	362	47	416	200	708	908
5:15 5:30	9	64	3	76	25	55	34	114	5	307	3	315	6	370	60	436	190	751	941
5:30 5:45	10	57	4	71	27	58	37	122	6	289	4	299	6	375	54	435	193	734	927
5:45 6:00	8	58	3	69	26	51	35	112	5	284	4	293	5	367	51	423	181	716	897
TOTALS	72	415	31	518	214	437	319	970	52	2121	30	2203	32	2804	357	3193	1488	5396	6884

US 202 TRAFFIC ANALYSIS FOR SECTION 700 - PA 63 to Doylestown Bypass

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
TRAFFIC COUNTING

COUNTY: BUCKS
MUNICIPALITY: NEW BRITAIN

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

DATE: 08/07/91
DAY: WED
WEATHER: FAIR

INTERVAL COUNTS

STARTING TIME	TR 202				2-SOUTHBOUND				COUNTY LINE RD				4-WESTBOUND				N-S TOTAL	E-W TOTAL	TOTAL
	1-NORTHBOUND	L	S	R	L	S	R	TOTAL	3-EASTBOUND	L	S	R	TOTAL	L	S	R			
7:00 7:15	9	37	7	53	19	88	10	117	12	120	6	138	13	67	4	84	170	222	392
7:15 7:30	9	43	14	66	26	122	29	177	11	118	3	132	9	100	4	113	243	245	488
7:30 7:45	18	66	12	96	29	132	49	210	9	151	4	164	17	114	14	145	306	309	615
7:45 8:00	25	68	15	108	21	111	20	152	17	105	7	129	7	92	2	101	260	230	490
8:00 8:15	14	49	11	74	16	105	24	145	24	122	13	159	8	86	6	100	219	259	478
8:15 8:30	8	67	7	82	16	87	13	116	22	93	6	121	9	85	4	98	198	219	417
8:30 8:45	12	53	13	78	8	88	10	106	24	89	7	120	13	73	6	92	184	212	396
8:45 9:00	7	56	7	70	10	90	23	123	18	67	5	90	12	71	12	95	193	185	378
9:00 9:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9:30 10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00 10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30 11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00 11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	102	439	86	627	145	823	178	1146	137	865	51	1053	88	688	52	828	1773	1881	3654

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
 TRAFFIC COUNTING

COUNTY: BUCKS
 MUNICIPALITY: NEW BRITAIN

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

DATE: 08/07/91
 DAY: WED
 WEATHER: FAIR

INTERVAL COUNTS

STARTING TIME	TR 202				COUNTY LINE RD								N-S TOTAL	E-W TOTAL	TOTAL				
	1-NORTHBOUND		2-SOUTHBOUND		3-EASTBOUND				4-WESTBOUND										
TIME	L	S	R	TOTAL	L	S	R	TOTAL	L	S	R	TOTAL	L	S	R	TOTAL	TOTAL	TOTAL	TOTAL
12:00 12:30	0	0	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	0	0
1:00 1:30	0	0	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	0	0
2:00 2:30	0	0	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	0	0
3:00 3:30	0	0	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	0	0
4:00 4:15	5	62	6	73	3	100	16	119	19	82	18	119	13	88	9	110	192	229	421
4:15 4:30	14	97	5	116	6	81	15	102	23	86	14	123	18	120	9	147	218	270	488
4:30 4:45	15	101	13	129	7	106	22	135	18	116	11	145	25	127	15	167	264	312	576
4:45 5:00	14	109	12	135	7	111	21	139	28	117	11	156	22	165	10	197	274	353	627
5:00 5:15	12	106	11	129	9	80	33	122	24	125	16	165	26	145	11	182	251	347	598
5:15 5:30	11	109	13	133	12	117	18	147	25	128	14	167	30	139	16	185	280	352	632
5:30 5:45	17	121	12	150	14	108	24	146	12	106	7	125	28	124	28	180	296	305	601
5:45 6:00	15	106	13	134	8	84	19	111	25	104	16	145	32	141	21	194	245	339	584
TOTALS	103	811	85	999	66	787	168	1021	174	864	107	1145	194	1049	119	1362	2020	2507	4527

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
TRAFFIC COUNTING

COUNTY: BUCKS
MUNICIPALITY: CHALFONT

INTERSECTION: North-South Street East-West Street
STREETS: TR 152 LIMEKILN PK & TR 202 BUTLER AVE

DATE: 07/12/91
DAY: FRI
WEATHER: FAIR

INTERVAL COUNTS

STARTING TIME	TR 152 LIMEKILN PK				TR 202 BUTLER AVE				N-S TOTAL	E-W TOTAL	TOTAL								
	1-NORTHBOUND		2-SOUTHBOUND		3-EASTBOUND		4-WESTBOUND												
	L	S	R	TOTAL	L	S	R	TOTAL	L	S	R	TOTAL							
7:00 7:15	6	0	22	28	0	0	0	0	0	62	10	72	111	78	0	189	28	261	289
7:15 7:30	9	0	19	28	0	0	0	0	0	73	5	78	93	83	0	176	28	254	282
7:30 7:45	0	0	7	7	0	0	0	0	0	49	8	57	82	59	0	141	7	198	205
7:45 8:00	16	0	28	44	0	0	0	0	0	99	8	107	107	87	0	194	44	301	345
8:00 8:15	5	0	34	39	0	0	0	0	0	75	4	79	109	85	0	194	39	273	312
8:15 8:30	10	0	41	51	0	0	0	0	0	112	10	122	100	102	0	202	51	324	375
8:30 8:45	6	0	17	23	0	0	0	0	0	71	1	72	38	61	0	99	23	171	194
8:45 9:00	9	0	26	35	0	0	0	0	0	102	10	112	38	104	0	142	35	254	289
9:00 9:30	10	0	51	61	0	0	0	0	0	122	4	126	64	175	0	239	61	365	426
9:30 10:00	18	0	47	65	0	0	0	0	0	190	4	194	52	194	0	246	65	440	505
10:00 10:30	15	0	52	67	0	0	0	0	0	205	14	219	55	213	0	268	67	487	554
10:30 11:00	17	0	54	71	0	0	0	0	0	205	12	217	57	228	0	285	71	502	573
11:00 11:30	14	0	62	76	0	0	0	0	0	186	10	196	54	187	0	241	76	437	513
11:30 12:00	11	0	58	69	0	0	0	0	0	193	10	203	54	198	0	252	69	455	524
TOTALS	146	0	518	664	0	0	0	0	0	1744	110	1854	1014	1854	0	2868	664	4722	5386

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
TRAFFIC COUNTING

COUNTY: BUCKS
MUNICIPALITY: CHALFONT

INTERSECTION: North-South Street East-West Street
STREETS: TR 152 LIMEKILN PK & TR 202 BUTLER AVE

DATE: 07/18/91
DAY: THU
WEATHER: FAIR

INTERVAL COUNTS

STARTING TIME	TR 152 LIMEKILN PK								TR 202 BUTLER AVE								N-S TOTAL	E-W TOTAL	TOTAL
	1-NORTHBOUND				2-SOUTHBOUND				3-EASTBOUND				4-WESTBOUND						
TIME	L	S	R	TOTAL	L	S	R	TOTAL	L	S	R	TOTAL	L	S	R	TOTAL	TOTAL	TOTAL	TOTAL
12:00 12:30	30	0	65	95	0	0	0	0	0	230	25	255	65	242	0	307	95	562	657
12:30 1:00	24	0	70	94	0	0	0	0	0	222	21	243	59	230	0	289	94	532	626
1:00 1:30	21	0	61	82	0	0	0	0	0	201	15	216	52	205	0	257	82	473	555
1:30 2:00	17	0	70	87	0	0	0	0	0	209	10	219	46	198	0	244	87	463	550
2:00 2:30	16	0	64	80	0	0	0	0	0	185	7	192	51	204	0	255	80	447	527
2:30 3:00	15	0	60	75	0	0	0	0	0	189	8	197	47	189	0	236	75	433	508
3:00 3:30	14	0	80	94	0	0	0	0	0	180	20	200	53	205	0	258	94	458	552
3:30 4:00	23	0	115	138	0	0	0	0	0	220	12	232	62	250	0	312	138	544	682
4:00 4:15	12	0	72	84	0	0	0	0	0	115	10	125	36	130	0	166	84	291	375
4:15 4:30	20	0	97	117	0	0	0	0	0	112	7	119	41	143	0	184	117	303	420
4:30 4:45	15	0	95	110	0	0	0	0	0	113	8	121	50	136	0	186	110	307	417
4:45 5:00	17	0	93	110	0	0	0	0	0	118	8	126	45	129	0	174	110	300	410
5:00 5:15	16	0	104	120	0	0	0	0	0	153	12	165	40	137	0	177	120	342	462
5:15 5:30	18	0	105	123	0	0	0	0	0	150	10	160	43	141	0	184	123	344	467
5:30 5:45	20	0	115	135	0	0	0	0	0	154	13	167	45	148	0	193	135	360	495
5:45 6:00	22	0	111	133	0	0	0	0	0	163	8	171	38	136	0	174	133	345	478
TOTALS	300	0	1377	1677	0	0	0	0	0	2714	194	2908	773	2823	0	3596	1677	6504	8181

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
TRAFFIC COUNTING

COUNTY: BUCKS
MUNICIPALITY: CHALFONT

INTERSECTION: North-South Street East-West Street
STREETS: TR 152 MAIN ST & TR 202 BUTLER AVE

DATE: 07/10/91
DAY: WED
WEATHER: FAIR

INTERVAL COUNTS

STARTING TIME	TR 152 MAIN ST				TR 202 BUTLER AVE				N-S TOTAL	E-W TOTAL	TOTAL								
	1-NORTHBOUND		2-SOUTHBOUND		3-EASTBOUND		4-WESTBOUND												
	L	S	R	TOTAL	L	S	R	TOTAL	L	S	R	TOTAL							
7:00 7:15	0	0	0	0	70	0	120	190	25	56	0	81	0	72	27	99	190	180	370
7:15 7:30	0	0	0	0	56	0	109	165	19	47	0	66	0	96	18	114	165	180	345
7:30 7:45	0	0	0	0	76	0	133	209	40	83	0	123	0	86	50	136	209	259	468
7:45 8:00	0	0	0	0	68	0	97	165	23	56	0	79	0	52	20	72	165	151	316
8:00 8:15	0	0	0	0	53	0	88	141	33	68	0	101	0	66	25	91	141	192	333
8:15 8:30	0	0	0	0	42	0	72	114	41	84	0	125	0	74	29	103	114	228	342
8:30 8:45	0	0	0	0	46	0	60	106	42	70	0	112	0	79	26	105	106	217	323
8:45 9:00	0	0	0	0	68	0	66	134	38	71	0	109	0	73	36	109	134	218	352
9:00 9:30	0	0	0	0	83	0	112	195	81	109	0	190	0	144	62	206	195	396	591
9:30 10:00	0	0	0	0	101	0	92	193	67	124	0	191	0	166	22	188	193	379	572
10:00 10:30	0	0	0	0	66	0	80	146	105	115	0	220	0	181	53	234	146	454	600
10:30 11:00	0	0	0	0	61	0	73	134	60	109	0	169	0	162	47	209	134	378	512
11:00 11:30	0	0	0	0	72	0	74	146	92	111	0	203	0	177	39	216	146	419	565
11:30 12:00	0	0	0	0	96	0	90	186	82	136	0	218	0	204	58	262	186	480	666
TOTALS	0	0	0	0	958	0	1266	2224	748	1239	0	1987	0	1632	512	2144	2224	4131	6355

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
TRAFFIC COUNTING

COUNTY: BUCKS
MUNICIPALITY: CHALFONT

INTERSECTION: North-South Street East-West Street
STREETS: TR 152 MAIN ST & TR 202 BUTLER AVE

DATE: 07/11/91
DAY: THU
WEATHER: FAIR

INTERVAL COUNTS

STARTING TIME	TR 152 MAIN ST				TR 202 BUTLER AVE				N-S TOTAL	E-W TOTAL	TOTAL								
	1-NORTHBOUND		2-SOUTHBOUND		3-EASTBOUND		4-WESTBOUND												
	L	S	R	TOTAL	L	S	R	TOTAL	L	S	R	TOTAL							
12:00 12:30	0	0	0	0	90	0	94	184	91	213	0	304	0	292	80	372	184	676	860
12:30 1:00	0	0	0	0	101	0	103	204	86	220	0	306	0	294	83	377	204	683	887
1:00 1:30	0	0	0	0	81	0	114	195	86	166	0	252	0	246	74	320	195	572	767
1:30 2:00	0	0	0	0	106	0	117	223	87	248	0	335	0	275	80	355	223	690	913
2:00 2:30	0	0	0	0	87	0	101	188	105	192	0	297	0	230	85	315	188	612	800
2:30 3:00	0	0	0	0	102	0	104	206	98	232	0	330	0	224	79	303	206	633	839
3:00 3:30	0	0	0	0	90	0	97	187	104	187	0	291	0	268	90	358	187	649	836
3:30 4:00	0	0	0	0	112	0	129	241	115	202	0	317	0	237	89	326	241	643	884
4:00 4:15	0	0	0	0	56	0	79	135	80	123	0	203	0	113	59	172	135	375	510
4:15 4:30	0	0	0	0	61	0	50	111	86	96	0	182	0	115	55	170	111	352	463
4:30 4:45	0	0	0	0	76	0	64	140	90	101	0	191	0	114	65	179	140	370	510
4:45 5:00	0	0	0	0	81	0	67	148	88	107	0	195	0	115	83	198	148	393	541
5:00 5:15	0	0	0	0	69	0	67	136	106	100	0	206	0	109	79	188	136	394	530
5:15 5:30	0	0	0	0	76	0	70	146	116	131	0	247	0	110	75	185	146	432	578
5:30 5:45	0	0	0	0	89	0	77	166	105	125	0	230	0	119	81	200	166	430	596
5:45 6:00	0	0	0	0	81	0	72	153	94	138	0	232	0	121	73	194	153	426	579
TOTALS	0	0	0	0	1358	0	1405	2763	1537	2581	0	4118	0	2982	1230	4212	2763	8330	11093

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
TRAFFIC COUNTING

COUNTY: BUCKS
MUNICIPALITY: NEW BRITAIN

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

DATE: 07/30/91
DAY: TUE
WEATHER: FAIR

INTERVAL COUNTS

STARTING TIME	TR 202				BRISTOL RD				N-S TOTAL	E-W TOTAL	TOTAL									
	1-NORTHBOUND		2-SOUTHBOUND		3-EASTBOUND		4-WESTBOUND													
	L	S	R	TOTAL	L	S	R	TOTAL	L	S	R	TOTAL								
7:00 7:15	0	118	57	175	22	107	0	129	0	0	0	0	30	0	12	42	304	42	346	
7:15 7:30	0	120	63	183	24	110	0	134	0	0	0	0	32	0	11	43	317	43	360	
7:30 7:45	0	115	66	181	24	115	0	139	0	0	0	0	30	0	14	44	320	44	364	
7:45 8:00	0	130	69	199	27	107	0	134	0	0	0	0	28	0	21	49	333	49	382	
8:00 8:15	0	129	57	186	23	114	0	137	0	0	0	0	27	0	16	43	323	43	366	
8:15 8:30	0	115	46	161	17	96	0	113	0	0	0	0	22	0	14	36	274	36	310	
8:30 8:45	0	114	32	146	20	109	0	129	0	0	0	0	21	0	12	33	275	33	308	
8:45 9:00	0	112	31	143	18	103	0	121	0	0	0	0	22	0	14	36	264	36	300	
9:00 9:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9:30 10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00 10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30 11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00 11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	0	953	421	1374	175	861	0	1036	0	0	0	0	212	0	114	326	2410	326	2736	

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
TRAFFIC COUNTING

COUNTY: BUCKS
MUNICIPALITY: NEW BRITAIN

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

DATE: 07/30/91
DAY: TUE
WEATHER: FAIR

INTERVAL COUNTS

STARTING TIME	TR 202				BRISTOL RD				N-S TOTAL	E-W TOTAL	TOTAL								
	1-NORTHBOUND		2-SOUTHBOUND		3-EASTBOUND		4-WESTBOUND												
TIME	L	S	R	TOTAL	L	S	R	TOTAL	L	S	R	TOTAL							
12:00 12:30	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				
1:00 1:30	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				
2:00 2:30	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				
3:00 3:30	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				
4:00 4:15	0	116	31	147	20	108	0	128	0	0	0	0	35	0	31	66	275	66	341
4:15 4:30	0	120	29	149	19	114	0	133	0	0	0	0	39	0	35	74	282	74	356
4:30 4:45	0	146	37	183	19	126	0	145	0	0	0	0	51	0	40	91	328	91	419
4:45 5:00	0	143	48	191	19	118	0	137	0	0	0	0	56	0	34	90	328	90	418
5:00 5:15	0	145	51	196	23	120	0	143	0	0	0	0	49	0	32	81	339	81	420
5:15 5:30	0	143	47	190	38	111	0	149	0	0	0	0	50	0	42	92	339	92	431
5:30 5:45	0	150	48	198	35	113	0	148	0	0	0	0	48	0	44	92	346	92	438
5:45 6:00	0	145	47	192	38	120	0	158	0	0	0	0	49	0	46	95	350	95	445
TOTALS	0	1108	338	1446	211	930	0	1141	0	0	0	0	377	0	304	681	2587	681	3268

US 202 TRAFFIC ANALYSIS FOR SECTION 700 - PA 63 to Doylestown Bypass

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
TRAFFIC COUNTING

COUNTY: BUCKS
MUNICIPALITY: NEW BRITAIN

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

DATE: 08/02/91
DAY: FRI
WEATHER: FAIR

INTERVAL COUNTS

STARTING TIME	TR 202				2-SOUTHBOUND				TAMENEND RD				4-WESTBOUND				N-S TOTAL	E-W TOTAL	TOTAL
	1-NORTHBOUND				3-EASTBOUND														
	L	S	R	TOTAL	L	S	R	TOTAL	L	S	R	TOTAL	L	S	R	TOTAL			
7:00 7:15	1	104	6	111	19	99	0	118	5	1	6	12	2	1	1	4	229	16	245
7:15 7:30	1	111	5	117	18	94	0	112	6	0	7	13	1	0	1	2	229	15	244
7:30 7:45	0	115	4	119	18	96	0	114	4	1	5	10	1	2	1	4	233	14	247
7:45 8:00	1	134	6	141	24	100	1	125	6	2	9	17	1	4	1	6	266	23	289
8:00 8:15	0	131	5	136	21	98	0	119	4	1	8	13	3	3	0	6	255	19	274
8:15 8:30	0	121	6	127	21	104	0	125	4	0	6	10	2	1	1	4	252	14	266
8:30 8:45	1	118	6	125	20	101	1	122	5	1	7	13	1	2	2	5	247	18	265
8:45 9:00	2	120	5	127	22	100	1	123	6	0	8	14	1	1	2	4	250	18	268
9:00 9:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9:30 10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00 10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30 11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00 11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	6	954	43	1003	163	792	3	958	40	6	56	102	12	14	9	35	1961	137	2098

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
TRAFFIC COUNTING

COUNTY: BUCKS
MUNICIPALITY: NEW BRITAIN

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

DATE: 08/02/91
DAY: FRI
WEATHER: FAIR

INTERVAL COUNTS

STARTING TIME	TR 202				TAMENEND RD				N-S TOTAL	E-W TOTAL	TOTAL								
	1-NORTHBOUND		2-SOUTHBOUND		3-EASTBOUND		4-WESTBOUND												
	L	S	R	TOTAL	L	S	R	TOTAL	L	S	R	TOTAL							
12:00 12:30	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			
1:00 1:30	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			
2:00 2:30	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			
3:00 3:30	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			
4:00 4:15	2	111	9	122	12	118	5	135	0	2	1	3	9	3	14	26	257	29	286
4:15 4:30	0	107	13	120	7	111	4	122	3	0	1	4	9	6	20	35	242	39	281
4:30 4:45	0	130	15	145	9	129	3	141	2	0	0	2	6	5	20	31	286	33	319
4:45 5:00	1	129	17	147	10	120	2	132	1	1	0	2	6	6	25	37	279	39	318
5:00 5:15	2	136	15	153	15	141	6	162	2	1	1	4	8	5	21	34	315	38	353
5:15 5:30	2	138	13	153	16	132	4	152	0	1	1	2	8	5	14	27	305	29	334
5:30 5:45	1	144	14	159	15	144	5	164	2	0	1	3	9	4	20	33	323	36	359
5:45 6:00	2	141	15	158	16	137	5	158	1	1	2	4	8	5	19	32	316	36	352
TOTALS	10	1036	111	1157	100	1032	34	1166	11	6	7	24	63	39	153	255	2323	279	2602

US 202 TRAFFIC ANALYSIS FOR SECTION 700 - PA 63 to Doylestown Bypass

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
TRAFFIC COUNTING

COUNTY: BUCKS
MUNICIPALITY: NEW BRITAIN

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

DATE: 07/31/91
DAY: WED
WEATHER: FAIR

INTERVAL COUNTS

STARTING TIME	TR 202				SHADY RETREAT RD				N-S TOTAL	E-W TOTAL	TOTAL								
	1-NORTHBOUND		2-SOUTHBOUND		3-EASTBOUND		4-WESTBOUND												
	L	S	R	TOTAL	L	S	R	TOTAL	L	S	R	TOTAL							
7:00 7:15	2	98	5	105	45	86	0	131	0	9	6	15	0	2	25	27	236	42	278
7:15 7:30	2	106	6	114	47	85	0	132	0	8	5	13	1	3	28	32	246	45	291
7:30 7:45	1	117	5	123	61	89	0	150	0	10	7	17	1	1	26	28	273	45	318
7:45 8:00	3	129	0	132	48	85	0	133	0	8	6	14	0	7	41	48	265	62	327
8:00 8:15	2	125	4	131	45	90	0	135	1	7	3	11	0	2	34	36	266	47	313
8:15 8:30	2	125	1	128	39	102	0	141	0	6	3	9	0	3	42	45	269	54	323
8:30 8:45	1	124	4	129	38	94	0	132	1	5	7	13	2	4	39	45	261	58	319
8:45 9:00	2	128	4	134	37	98	0	135	0	6	6	12	1	3	37	41	269	53	322
9:00 9:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9:30 10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00 10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30 11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00 11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	15	952	29	996	360	729	0	1089	2	59	43	104	5	25	272	302	2085	406	2491

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
TRAFFIC COUNTING

COUNTY: BUCKS
MUNICIPALITY: NEW BRITAIN

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

DATE: 07/31/91
DAY: WED
WEATHER: FAIR

INTERVAL COUNTS

STARTING TIME	TR 202				SHADY RETREAT RD				N-S TOTAL	E-W TOTAL	TOTAL								
	1-NORTHBOUND		2-SOUTHBOUND		3-EASTBOUND		4-WESTBOUND												
	L	S	R	TOTAL	L	S	R	TOTAL	L	S	R	TOTAL							
12:00 12:30	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				
1:00 1:30	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				
2:00 2:30	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				
3:00 3:30	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				
4:00 4:15	5	115	2	122	38	121	0	159	0	2	5	7	0	5	43	48	281	55	336
4:15 4:30	6	112	2	120	32	118	1	151	0	2	4	6	0	6	42	48	271	54	325
4:30 4:45	3	126	4	133	43	135	1	179	0	2	4	6	0	5	48	53	312	59	371
4:45 5:00	11	129	2	142	54	123	2	179	0	1	4	5	1	6	58	65	321	70	391
5:00 5:15	4	125	1	130	57	181	0	238	0	1	3	4	1	3	56	60	368	64	432
5:15 5:30	4	120	1	125	59	170	0	229	1	2	5	8	0	6	53	59	354	67	421
5:30 5:45	3	127	1	131	57	174	2	233	0	2	5	7	0	4	54	58	364	65	429
5:45 6:00	4	125	2	131	55	173	1	229	1	2	4	7	0	4	52	56	360	63	423
TOTALS	40	979	15	1034	395	1195	7	1597	2	14	34	50	2	39	406	447	2631	497	3128

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
TRAFFIC COUNTING

COUNTY: BUCKS
MUNICIPALITY: WARRINGTON

INTERSECTION: North-South Street East-West Street
STREETS: UPPER STATE RD & TR 463

DATE: 08/06/91
DAY: TUE
WEATHER: FAIR

INTERVAL COUNTS

STARTING TIME	UPPER STATE RD								TR 463				N-S TOTAL	E-W TOTAL	TOTAL				
	1-NORTHBOUND				2-SOUTHBOUND				3-EASTBOUND							4-WESTBOUND			
	L	S	R	TOTAL	L	S	R	TOTAL	L	S	R	TOTAL	L	S	R	TOTAL			
7:00 7:15	10	80	11	101	48	111	17	176	20	170	21	211	20	105	9	134	277	345	622
7:15 7:30	10	72	12	94	51	115	18	184	22	167	22	211	19	100	8	127	278	338	616
7:30 7:45	9	69	12	90	45	120	18	183	21	158	19	198	22	125	7	154	273	352	625
7:45 8:00	6	61	10	77	39	123	21	183	15	170	24	209	19	126	9	154	260	363	623
8:00 8:15	5	59	11	75	45	119	16	180	20	156	19	195	15	98	4	117	255	312	567
8:15 8:30	7	52	7	66	30	105	10	145	14	130	11	155	15	75	6	96	211	251	462
8:30 8:45	5	55	6	66	33	110	11	154	15	125	10	150	13	77	5	95	220	245	465
8:45 9:00	6	58	4	68	30	109	12	151	13	120	11	144	12	73	5	90	219	234	453
9:00 9:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9:30 10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00 10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30 11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00 11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	58	506	73	637	321	912	123	1356	140	1196	137	1473	135	779	53	967	1993	2440	4433

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
TRAFFIC COUNTING

COUNTY: BUCKS
MUNICIPALITY: WARRINGTON

INTERSECTION: North-South Street East-West Street
STREETS: UPPER STATE RD & TR 463

DATE: 08/06/91
DAY: TUE
WEATHER: FAIR

INTERVAL COUNTS

STARTING TIME	UPPER STATE RD								TR 463				N-S				E-W		TOTAL	
	1-NORTHBOUND				2-SOUTHBOUND				3-EASTBOUND				4-WESTBOUND				TOTAL	TOTAL		
	L	S	R	TOTAL	L	S	R	TOTAL	L	S	R	TOTAL	L	S	R	TOTAL	TOTAL	TOTAL	TOTAL	
12:00 12:30	0	0	0	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	0	0	0
1:00 1:30	0	0	0	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	0	0	0
2:00 2:30	0	0	0	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	0	0	0
3:00 3:30	0	0	0	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	0	0	0
4:00 4:15	13	92	32	137	10	56	15	81	25	114	15	154	26	148	18	192	218	346	564	
4:15 4:30	12	89	29	130	9	57	13	79	31	105	8	144	29	172	21	222	209	366	575	
4:30 4:45	9	87	21	117	7	49	16	72	20	115	11	146	38	149	20	207	189	353	542	
4:45 5:00	10	96	20	126	4	53	19	76	18	119	10	147	25	155	27	207	202	354	556	
5:00 5:15	9	113	26	148	15	66	22	103	27	125	9	161	36	179	32	247	251	408	659	
5:15 5:30	13	114	20	147	8	85	21	114	24	137	9	170	45	169	34	248	261	418	679	
5:30 5:45	14	120	22	156	9	91	23	123	22	140	10	172	43	174	31	248	279	420	699	
5:45 6:00	12	118	21	151	10	93	20	123	21	139	11	171	39	170	32	241	274	412	686	
TOTALS	92	829	191	1112	72	550	149	771	188	994	83	1265	281	1316	215	1812	1883	3077	4960	

US 202 TRAFFIC ANALYSIS FOR SECTION 700 - PA 63 to Doylestown Bypass

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
TRAFFIC COUNTING

COUNTY: MONTGOMERY
MUNICIPALITY: MONTGOMERY

INTERSECTION: North-South Street East-West Street
STREETS: UPPER STATE RD & COUNTY LINE RD

DATE: 05/07/91
DAY: TUE
WEATHER: FAIR

INTERVAL COUNTS

STARTING TIME	UPPER STATE RD								COUNTY LINE RD								N-S TOTAL	E-W TOTAL	TOTAL
	1-NORTHBOUND				2-SOUTHBOUND				3-EASTBOUND				4-WESTBOUND						
	L	S	R	TOTAL	L	S	R	TOTAL	L	S	R	TOTAL	L	S	R	TOTAL			
7:00 7:15	7	24	17	48	14	65	8	87	0	180	12	192	9	70	1	80	135	272	407
7:15 7:30	2	32	23	57	14	66	2	82	5	160	24	189	9	81	1	91	139	280	419
7:30 7:45	7	46	27	80	31	71	7	109	6	148	25	179	8	90	4	102	189	281	470
7:45 8:00	9	45	25	79	16	69	14	99	4	163	19	186	7	95	2	104	178	290	468
8:00 8:15	5	42	16	63	20	74	9	103	2	157	12	171	5	101	4	110	166	281	447
8:15 8:30	6	29	16	51	12	54	8	74	3	126	23	152	8	85	5	98	125	250	375
8:30 8:45	9	28	17	54	10	58	8	76	3	88	14	105	12	79	3	94	130	199	329
8:45 9:00	15	30	19	64	12	58	7	77	8	101	14	123	16	79	9	104	141	227	368
9:00 9:30	14	50	19	83	9	69	10	88	5	114	16	135	21	127	2	150	171	285	456
9:30 10:00	18	33	21	72	14	62	9	85	8	137	28	173	58	136	4	198	157	371	528
10:00 10:30	17	26	17	60	9	42	6	57	2	112	23	137	19	144	5	168	117	305	422
10:30 11:00	20	24	8	52	6	30	4	40	8	142	16	166	18	112	4	134	92	300	392
11:00 11:30	17	49	28	94	5	57	3	65	3	155	27	185	19	123	3	145	159	330	489
11:30 12:00	29	68	14	111	7	64	8	79	5	113	24	142	21	149	4	174	190	316	506
TOTALS	175	526	267	968	179	839	103	1121	62	1896	277	2235	230	1471	51	1752	2089	3987	6076

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
TRAFFIC COUNTING

COUNTY: MONTGOMERY
MUNICIPALITY: MONTGOMERY

INTERSECTION: North-South Street East-West Street
STREETS: UPPER STATE RD & COUNTY LINE RD

DATE: 05/07/91
DAY: MON/FRI
WEATHER: FAIR

INTERVAL COUNTS

STARTING TIME	UPPER STATE RD								COUNTY LINE RD								N-S TOTAL	E-W TOTAL	TOTAL
	1-NORTHBOUND				2-SOUTHBOUND				3-EASTBOUND				4-WESTBOUND						
	L	S	R	TOTAL	L	S	R	TOTAL	L	S	R	TOTAL	L	S	R	TOTAL			
12:00 12:30	19	57	25	101	5	60	5	70	7	113	31	151	17	146	5	168	171	319	490
12:30 1:00	33	63	24	120	8	76	3	87	5	160	28	193	4	176	26	206	207	399	606
1:00 1:30	21	46	14	81	6	57	4	67	8	134	26	168	4	115	16	135	148	303	451
1:30 2:00	21	77	25	123	13	61	14	88	8	144	19	171	5	101	23	129	211	300	511
2:00 2:30	33	80	29	142	4	62	13	79	10	143	28	181	5	161	36	202	221	383	604
2:30 3:00	16	94	40	150	13	71	10	94	9	137	16	162	34	160	4	198	244	360	604
3:00 3:30	22	93	36	151	6	72	12	90	5	197	29	231	40	202	9	251	241	482	723
3:30 4:00	21	76	16	113	11	51	7	69	13	188	11	212	20	190	9	219	182	431	613
4:00 4:15	23	60	15	98	3	47	6	56	5	112	13	130	15	138	10	163	154	293	447
4:15 4:30	24	37	9	70	5	54	4	63	8	104	8	120	14	168	4	186	133	306	439
4:30 4:45	16	57	14	87	8	56	11	75	7	137	14	158	15	202	7	224	162	382	544
4:45 5:00	12	60	10	82	12	62	18	92	4	111	14	129	17	193	9	219	174	348	522
5:00 5:15	36	49	13	98	11	57	10	78	6	95	10	111	15	171	9	195	176	306	482
5:15 5:30	20	58	3	81	14	48	10	72	7	106	7	120	16	184	11	211	153	331	484
5:30 5:45	16	37	0	53	9	36	7	52	5	97	9	111	14	176	9	199	105	310	415
5:45 6:00	7	21	1	29	12	31	4	47	3	86	11	100	12	162	5	179	76	279	355
TOTALS	340	965	274	1579	140	901	138	1179	110	2064	274	2448	247	2645	192	3084	2758	5532	8290

US 202 TRAFFIC ANALYSIS FOR SECTION 700 - PA 63 to Doylestown Bypass

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
TRAFFIC COUNTING

COUNTY: BUCKS
MUNICIPALITY: NEW BRITAIN

INTERSECTION: North-South Street East-West Street
STREETS: UPPER STATE RD & TR 152

DATE: 08/15/91
DAY: WED
WEATHER: FAIR

INTERVAL COUNTS

STARTING TIME	UPPER STATE RD								TR 152				N-S TOTAL	E-W TOTAL	TOTAL				
	1-NORTHBOUND				2-SOUTHBOUND				3-EASTBOUND							4-WESTBOUND			
	L	S	R	TOTAL	L	S	R	TOTAL	L	S	R	TOTAL	L	S	R	TOTAL			
7:00 7:15	2	41	7	50	25	73	0	98	5	125	22	152	2	17	7	26	148	178	326
7:15 7:30	4	44	6	54	24	78	1	103	6	130	19	155	1	21	6	28	157	183	340
7:30 7:45	2	38	4	44	21	65	1	87	8	127	17	152	2	23	5	30	131	182	313
7:45 8:00	3	38	8	49	25	69	3	97	4	129	16	149	6	43	4	53	146	202	348
8:00 8:15	3	40	5	48	20	67	3	90	5	109	15	129	5	40	5	50	138	179	317
8:15 8:30	4	45	3	52	16	60	4	80	4	75	10	89	2	30	4	36	132	125	257
8:30 8:45	5	39	3	47	14	49	2	65	6	69	11	86	1	32	7	40	112	126	238
8:45 9:00	5	38	4	47	13	51	3	67	5	65	10	80	2	31	5	38	114	118	232
9:00 9:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9:30 10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00 10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30 11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00 11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	28	323	40	391	158	512	17	687	43	829	120	992	21	237	43	301	1078	1293	2371

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
TRAFFIC COUNTING

COUNTY: BUCKS
MUNICIPALITY: NEW BRITAIN

INTERSECTION: North-South Street East-West Street
STREETS: UPPER STATE RD & TR 152

DATE: 08/14/91
DAY: WED
WEATHER: FAIR

INTERVAL COUNTS

STARTING TIME	UPPER STATE RD								TR 152				4-WESTBOUND				N-S TOTAL	E-W TOTAL	TOTAL	
	1-NORTHBOUND				2-SOUTHBOUND				3-EASTBOUND				L	S	R	TOTAL				
	L	S	R	TOTAL	L	S	R	TOTAL	L	S	R	TOTAL	L	S	R	TOTAL				
12:00 12:30	0	0	0	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	0	0	0
1:00 1:30	0	0	0	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	0	0	0
2:00 2:30	0	0	0	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	0	0	0
3:00 3:30	0	0	0	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	0	0	0
4:00 4:15	13	50	2	65	3	56	5	64	2	32	11	45	5	85	16	106	129	151	280	
4:15 4:30	13	70	5	88	8	67	7	82	3	29	7	39	5	82	23	110	170	149	319	
4:30 4:45	9	70	2	81	8	75	9	92	2	34	5	41	9	108	26	143	173	184	357	
4:45 5:00	9	69	1	79	7	77	10	94	7	36	4	47	16	99	40	155	173	202	375	
5:00 5:15	14	78	4	96	5	98	6	109	3	38	4	45	13	94	34	141	205	186	391	
5:15 5:30	11	73	3	87	5	87	8	100	4	35	6	45	14	91	31	136	187	181	368	
5:30 5:45	12	75	3	90	4	83	5	92	5	33	4	42	12	87	29	128	182	170	352	
5:45 6:00	8	58	3	69	6	51	5	62	5	36	5	46	5	70	30	105	131	151	282	
TOTALS	89	543	23	655	46	594	55	695	31	273	46	350	79	716	229	1024	1350	1374	2724	

US 202 TRAFFIC ANALYSIS FOR SECTION 700 - PA 63 to Doylestown Bypass

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
TRAFFIC COUNTING

COUNTY: MONTGOMERY
MUNICIPALITY: MONTGOMERY

INTERSECTION: North-South Street East-West Street
STREETS: STUMP RD & TR 463 HORSHAM RD

DATE: 07/17/91
DAY: WED
WEATHER: FAIR

INTERVAL COUNTS

STARTING TIME	STUMP RD				TR 463 HORSHAM RD				N-S TOTAL	E-W TOTAL	TOTAL								
	1-NORTHBOUND		2-SOUTHBOUND		3-EASTBOUND		4-WESTBOUND												
	L	S	R	TOTAL	L	S	R	TOTAL	L	S	R	TOTAL							
7:00 7:15	6	12	16	34	11	89	10	110	5	168	34	207	29	98	2	129	144	336	480
7:15 7:30	4	18	20	42	9	95	15	119	9	180	56	245	38	110	1	149	161	394	555
7:30 7:45	14	21	37	72	14	84	19	117	16	184	48	248	30	112	0	142	189	390	579
7:45 8:00	10	25	24	59	10	83	13	106	10	153	39	202	31	104	2	137	165	339	504
8:00 8:15	10	27	22	59	4	76	20	100	12	144	36	192	30	82	3	115	159	307	466
8:15 8:30	13	16	13	42	7	75	13	95	9	155	50	214	28	85	2	115	137	329	466
8:30 8:45	20	25	21	66	7	37	21	65	11	75	23	109	26	64	1	91	131	200	331
8:45 9:00	9	21	19	49	4	51	17	72	6	82	24	112	15	96	1	112	121	224	345
9:00 9:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9:30 10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00 10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30 11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00 11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	86	165	172	423	66	590	128	784	78	1141	310	1529	227	751	12	990	1207	2519	3726

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
 TRAFFIC COUNTING

COUNTY: MONTGOMERY
 MUNICIPALITY: MONTGOMERY

INTERSECTION: North-South Street East-West Street
 STREETS: STUMP RD & TR 463 HORSHAM RD

DATE: 07/17/91
 DAY: WED
 WEATHER: FAIR

INTERVAL COUNTS

STARTING TIME	STUMP RD				TR 463 HORSHAM RD				N-S TOTAL	E-W TOTAL	TOTAL								
	1-NORTHBOUND		2-SOUTHBOUND		3-EASTBOUND		4-WESTBOUND												
	L	S	R	TOTAL	L	S	R	TOTAL	L	S	R	TOTAL							
12:00 12:30	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			
1:00 1:30	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			
2:00 2:30	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			
3:00 3:30	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			
4:00 4:15	51	46	38	135	4	23	19	46	7	116	11	134	26	147	14	187	181	321	502
4:15 4:30	26	37	26	89	0	21	13	34	17	75	15	107	16	145	7	168	123	275	398
4:30 4:45	58	62	32	152	4	32	13	49	19	101	17	137	20	154	7	181	201	318	519
4:45 5:00	44	64	31	139	2	21	18	41	14	113	10	137	27	179	15	221	180	358	538
5:00 5:15	54	80	45	179	2	26	15	43	12	105	11	128	28	188	17	233	222	361	583
5:15 5:30	42	64	30	136	2	33	17	52	17	144	23	184	27	182	11	220	188	404	592
5:30 5:45	29	45	26	100	2	26	16	44	20	108	11	139	27	179	11	217	144	356	500
5:45 6:00	18	58	15	91	3	35	26	64	11	84	12	107	28	152	9	189	155	296	451
TOTALS	322	456	243	1021	19	217	137	373	117	846	110	1073	199	1326	91	1616	1394	2689	4083

US 202 TRAFFIC ANALYSIS FOR SECTION 700 - PA 63 to Doylestown Bypass

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
TRAFFIC COUNTING

COUNTY: BUCKS
MUNICIPALITY: WARRINGTON

INTERSECTION: North-South Street East-West Street
STREETS: STUMP RD & COUNTY LINE RD

DATE: 08/08/91
DAY: THU
WEATHER: FAIR

INTERVAL COUNTS

STARTING TIME	STUMP RD				COUNTY LINE RD				N-S TOTAL	E-W TOTAL	TOTAL								
	1-NORTHBOUND	2-SOUTHBOUND	3-EASTBOUND	4-WESTBOUND															
	L	S	R	TOTAL	L	S	R	TOTAL	L	S	R	TOTAL							
7:00 7:15	6	22	7	35	2	47	4	53	2	179	20	201	13	109	0	122	88	323	411
7:15 7:30	7	20	9	36	2	45	5	52	0	203	23	226	18	116	0	134	88	360	448
7:30 7:45	6	16	7	29	1	44	3	48	1	187	17	205	11	129	1	141	77	346	423
7:45 8:00	4	15	6	25	2	49	4	55	1	165	14	180	16	121	2	139	80	319	399
8:00 8:15	8	13	6	27	2	50	5	57	2	166	11	179	12	116	1	129	84	308	392
8:15 8:30	8	11	8	27	1	47	4	52	2	151	10	163	14	98	1	113	79	276	355
8:30 8:45	7	14	7	28	2	45	3	50	1	150	12	163	13	105	2	120	78	283	361
8:45 9:00	8	13	6	27	3	48	5	56	1	148	13	162	11	101	1	113	83	275	358
9:00 9:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9:30 10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00 10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30 11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00 11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	54	124	56	234	15	375	33	423	10	1349	120	1479	108	895	8	1011	657	2490	3147

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
 TRAFFIC COUNTING

COUNTY: BUCKS
 MUNICIPALITY: WARRINGTON

INTERSECTION: North-South Street East-West Street
 STREETS: STUMP RD & COUNTY LINE RD

DATE: 08/08/91
 DAY: THU
 WEATHER: FAIR

INTERVAL COUNTS

STARTING TIME	STUMP RD				COUNTY LINE RD				N-S TOTAL	E-W TOTAL	TOTAL								
	1-NORTHBOUND	2-SOUTHBOUND	3-EASTBOUND	4-WESTBOUND															
	L	S	R	TOTAL	L	S	R	TOTAL	L	S	R	TOTAL							
12:00 12:30	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				
1:00 1:30	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				
2:00 2:30	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				
3:00 3:30	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				
4:00 4:15	19	21	17	57	0	11	3	14	5	102	17	124	9	177	2	188	71	312	383
4:15 4:30	22	31	8	61	0	8	1	9	3	103	21	127	11	172	0	183	70	310	380
4:30 4:45	29	29	12	70	0	8	2	10	1	104	14	119	18	188	0	206	80	325	405
4:45 5:00	30	24	12	66	0	15	2	17	5	139	11	155	19	192	2	213	83	368	451
5:00 5:15	41	37	10	88	0	16	3	19	2	120	11	133	13	204	1	218	107	351	458
5:15 5:30	39	35	5	79	2	15	3	20	2	119	15	136	20	195	4	219	99	355	454
5:30 5:45	40	37	7	84	2	14	3	19	3	120	14	137	18	190	3	211	103	348	451
5:45 6:00	38	35	8	81	1	16	2	19	2	113	13	128	19	187	2	208	100	336	436
TOTALS	258	249	79	586	5	103	19	127	23	920	116	1059	127	1505	14	1646	713	2705	3418

US 202 TRAFFIC ANALYSIS FOR SECTION 700 - PA 63 to Doylestown Bypass

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
TRAFFIC COUNTING

COUNTY: BUCKS
MUNICIPALITY: WARRINGTON

INTERSECTION: North-South Street East-West Street
STREETS: TR 152 LIMEKILN PIKE & STUMP ROAD

DATE: 05/09/91
DAY: THU
WEATHER: FAIR

INTERVAL COUNTS

STARTING TIME	TR 152 LIMEKILN PIKE								STUMP RD				N-S TOTAL	E-W TOTAL	TOTAL				
	1-NORTHBOUND				2-SOUTHBOUND				3-EASTBOUND							4-WESTBOUND			
	L	S	R	TOTAL	L	S	R	TOTAL	L	S	R	TOTAL	L	S	R	TOTAL			
7:00 7:15	8	22	1	31	0	136	25	161	2	7	8	17	1	8	0	9	192	26	218
7:15 7:30	6	26	1	33	0	132	32	164	3	9	7	19	1	11	0	12	197	31	228
7:30 7:45	10	20	0	30	1	107	39	147	5	12	10	27	1	17	0	18	177	45	222
7:45 8:00	10	45	2	57	1	113	29	143	6	10	7	23	5	18	0	23	200	46	246
8:00 8:15	8	29	0	37	0	118	36	154	6	8	10	24	2	10	0	12	191	36	227
8:15 8:30	8	28	1	37	0	102	16	118	3	4	6	13	2	12	1	15	155	28	183
8:30 8:45	2	33	0	35	2	98	9	109	2	10	4	16	1	12	0	13	144	29	173
8:45 9:00	4	27	0	31	0	58	12	70	4	5	6	15	1	12	0	13	101	28	129
9:00 9:30	7	55	0	62	0	99	19	118	10	13	9	32	2	11	0	13	180	45	225
9:30 10:00	2	45	0	47	2	54	5	61	3	12	5	20	1	7	0	8	108	28	136
10:00 10:30	7	44	0	51	0	62	8	70	4	7	6	17	3	13	0	16	121	33	154
10:30 11:00	2	49	2	53	1	63	8	72	11	6	5	22	1	10	1	12	125	34	159
11:00 11:30	2	46	1	49	1	59	6	66	8	6	4	18	1	9	0	10	115	28	143
11:30 12:00	5	54	0	59	1	66	9	76	6	9	6	21	2	12	0	14	135	35	170
TOTALS	81	523	8	612	9	1267	253	1529	73	118	93	284	24	162	2	188	2141	472	2613

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
TRAFFIC COUNTING

COUNTY: BUCKS
MUNICIPALITY: WARRINGTON

INTERSECTION: North-South Street East-West Street
STREETS: TR 152 LIMEKILN PIKE & STUMP ROAD

DATE: 05/14/91
DAY: TUE
WEATHER: FAIR

INTERVAL COUNTS

STARTING TIME	TR 152 LIMEKILN PIKE								STUMP ROAD				N-S TOTAL	E-W TOTAL	TOTAL				
	1-NORTHBOUND				2-SOUTHBOUND				3-EASTBOUND							4-WESTBOUND			
TIME	L	S	R	TOTAL	L	S	R	TOTAL	L	S	R	TOTAL	L	S	R	TOTAL	TOTAL	TOTAL	TOTAL
12:00 12:30	10	77	3	90	1	61	7	69	4	9	10	23	0	9	1	10	159	33	192
12:30 1:00	2	61	5	68	1	5	6	12	3	5	3	11	0	5	0	5	80	16	96
1:00 1:30	6	65	3	74	0	68	7	75	1	5	3	9	4	9	0	13	149	22	171
1:30 2:00	1	58	3	62	1	52	5	58	0	11	2	13	0	16	0	16	120	29	149
2:00 2:30	2	60	2	64	0	72	7	79	10	11	2	23	3	12	1	16	143	39	182
2:30 3:00	4	78	0	82	0	70	4	74	6	10	12	28	3	8	1	12	156	40	196
3:00 3:30	3	109	1	113	0	56	9	65	10	9	5	24	0	12	1	13	178	37	215
3:30 4:00	14	141	2	157	2	49	3	54	19	12	7	38	0	12	1	13	211	51	262
4:00 4:15	10	87	2	99	0	29	2	31	15	7	3	25	2	3	1	6	130	31	161
4:15 4:30	7	114	4	125	1	31	8	40	9	13	4	26	2	5	0	7	165	33	198
4:30 4:45	7	103	3	113	1	44	6	51	3	14	5	22	0	5	1	6	164	28	192
4:45 5:00	22	123	4	149	1	33	4	38	10	25	5	40	0	8	1	9	187	49	236
5:00 5:15	11	119	6	136	0	34	2	36	18	18	5	41	0	5	2	7	172	48	220
5:15 5:30	16	143	2	161	0	39	5	44	10	21	2	33	1	8	1	10	205	43	248
5:30 5:45	19	139	5	163	2	44	7	53	15	24	6	45	0	6	1	7	216	52	268
5:45 6:00	12	128	3	143	1	49	9	59	13	19	3	35	1	7	2	10	202	45	247
TOTALS	146	1605	48	1799	11	736	91	838	146	213	77	436	16	130	14	160	2637	596	3233

US 202 TRAFFIC ANALYSIS FOR SECTION 700 - PA 63 to Doylestown Bypass

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
TRAFFIC COUNTING

COUNTY: BUCKS
MUNICIPALITY: NEW BRITAIN

INTERSECTION: North-South Street East-West Street
STREETS: UPPER STATE RD & BRISTOL RD

DATE: 07/12/91
DAY: TUE
WEATHER: FAIR

INTERVAL COUNTS

STARTING TIME	UPPER STATE RD				BRISTOL RD				N-S TOTAL	E-W TOTAL	TOTAL								
	1-NORTHBOUND		2-SOUTHBOUND		3-EASTBOUND		4-WESTBOUND												
	L	S	R	TOTAL	L	S	R	TOTAL	L	S	R	TOTAL							
7:00 7:15	7	37	5	49	4	55	5	64	4	71	11	86	4	36	4	44	113	130	243
7:15 7:30	5	30	8	43	4	67	8	79	7	83	14	104	2	49	7	58	122	162	284
7:30 7:45	3	36	8	47	3	59	3	65	2	69	7	78	1	26	4	31	112	109	221
7:45 8:00	5	51	8	64	7	73	4	84	9	61	10	80	8	34	8	50	148	130	278
8:00 8:15	3	15	4	22	0	17	1	18	1	39	4	44	5	21	5	31	40	75	115
8:15 8:30	0	13	3	16	0	16	0	16	9	34	7	50	0	20	1	21	32	71	103
8:30 8:45	0	15	3	18	2	25	2	29	2	23	4	29	1	22	4	27	47	56	103
8:45 9:00	8	43	6	57	4	43	6	53	4	38	7	49	2	24	8	34	110	83	193
9:00 9:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9:30 10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00 10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30 11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00 11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	31	240	45	316	24	355	29	408	38	418	64	520	23	232	41	296	724	816	1540

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
 TRAFFIC COUNTING

COUNTY: BUCKS
 MUNICIPALITY: NEW BRITAIN

INTERSECTION: North-South Street East-West Street
 STREETS: UPPER STATE RD & BRISTOL RD

DATE: 07/16/91
 DAY: TUE
 WEATHER: FAIR

INTERVAL COUNTS

STARTING TIME	UPPER STATE RD								BRISTOL RD								N-S TOTAL	E-W TOTAL	TOTAL	
	1-NORTHBOUND				2-SOUTHBOUND				3-EASTBOUND				4-WESTBOUND							
	L	S	R	TOTAL	L	S	R	TOTAL	L	S	R	TOTAL	L	S	R	TOTAL				
12:00 12:30	0	0	0	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	0	0	0
1:00 1:30	0	0	0	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	0	0	0
2:00 2:30	0	0	0	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	0	0	0
3:00 3:30	0	0	0	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	0	0	0
4:00 4:15	10	52	9	71	7	51	9	67	5	40	7	52	7	47	7	61	138	113	251	
4:15 4:30	24	59	6	89	2	39	2	43	7	37	10	54	7	61	15	83	132	137	269	
4:30 4:45	20	52	8	80	6	60	10	76	10	46	16	72	11	59	16	86	156	158	314	
4:45 5:00	23	57	13	93	6	62	11	79	4	46	12	62	10	62	14	86	172	148	320	
5:00 5:15	17	68	9	94	6	62	8	76	4	63	17	84	12	60	13	85	170	169	339	
5:15 5:30	14	63	12	89	2	69	10	81	12	54	12	78	11	79	15	105	170	183	353	
5:30 5:45	12	72	14	98	7	52	8	67	9	66	11	86	14	58	15	87	165	173	338	
5:45 6:00	27	76	3	106	3	61	3	67	15	56	14	85	14	77	11	102	173	187	360	
TOTALS	147	499	74	720	39	456	61	556	66	408	99	573	86	503	106	695	1276	1268	2544	

DELAWARE VALLEY REGIONAL PLANNING COMMISSION
TRAFFIC COUNTING

COUNTY: BUCKS
MUNICIPALITY: DOYLESTOWN

INTERSECTION: North-South Street East-West Street
STREETS: BURPEE RD/BYPASS RAMPs & TR 202

DATE: 12/20/90
DAY: THU
WEATHER: FAIR

AM INTERVAL COUNTS

HOURLY VOLUMES	BYPASS RAMP 1-NORTHBOUND				BURPEE ROAD 2-SOUTHBOUND				TR 202 3-EASTBOUND				4-WESTBOUND				N-S TOTAL	E-W TOTAL	TOTAL
	L	S	R	TOTAL	L	S	R	TOTAL	L	S	R	TOTAL	L	S	R	TOTAL			
7:00 8:00	104	15	39	158	20	96	12	128	42	398	171	611	147	465	47	659	286	1270	1556
8:00 9:00	123	25	56	204	25	54	38	117	59	484	199	742	172	502	60	734	321	1476	1797
9:00 10:00	62	17	43	122	19	33	8	60	20	312	111	443	118	365	32	515	182	958	1140
10:00 11:00	101	13	47	161	27	28	6	61	20	395	151	566	84	407	56	547	222	1113	1335
11:00 12:00	102	9	38	149	39	32	6	77	27	457	199	683	97	441	43	581	226	1264	1490
TOTALS	492	79	223	794	130	243	70	443	168	2046	831	3045	618	2180	238	3036	1237	6081	7318

PM INTERVAL COUNTS

HOURLY VOLUMES	BYPASS RAMP 1-NORTHBOUND				BURPEE ROAD 2-SOUTHBOUND				TR 202 3-EASTBOUND				4-WESTBOUND				N-S TOTAL	E-W TOTAL	TOTAL
	L	S	R	TOTAL	L	S	R	TOTAL	L	S	R	TOTAL	L	S	R	TOTAL			
12:00- 1:00	134	12	41	187	46	41	9	96	17	411	136	564	17	456	24	497	283	1061	1344
1:00- 2:00	120	15	52	187	26	34	6	66	5	423	192	620	123	464	37	624	253	1244	1497
2:00- 3:00	121	17	45	183	26	35	10	71	21	376	200	597	114	422	41	577	254	1174	1428
3:00- 4:00	132	16	61	209	36	51	6	93	39	726	299	1064	155	665	99	919	302	1983	2285
4:00- 5:00	163	0	71	234	39	95	10	144	35	553	253	841	180	606	91	877	378	1718	2096
5:00- 6:00	177	0	73	250	67	130	14	211	27	630	294	951	182	603	96	881	461	1832	2293
TOTALS	847	60	343	1250	240	386	55	681	144	3119	1374	4637	771	3216	388	4375	1931	9012	10943

