

Project Name: National Navy Medical Center
Intersection: Rockville Pike & Tuckerman North
Location: Montgomery County
Date:
Filename: P:\2080-001 NNMC\Analysis\CLVs\MPH Updates for Report\CLV-Background.xls\AM Peak (I1)

Scenario Background
Peak Hour or Period AM Peak Hour (- am)

Northbound Approach Rockville Pike
Southbound Approach Rockville Pike

Split Phase (Y)es/(N)o N

Eastbound Approach Tuckerman (north)
Westbound Approach Tuckerman (north)

Split Phase (Y)es/(N)o Y

Intersection CLV 1234.91
Level of Service C

From NORTH (Southbound)
Rockville Pike

R	Right	Thru	Left	=VPH
^		1,856	264	
R		3	1	=#Lanes

ON LY | | | CLV(N):
 for <- V -> 786.72
 RTOR

<- If Split Phase:N-S!!
 Use "N" or "Y": N

From WEST (Eastbound)
Tuckerman (north)

	VPH	#Lanes
Left	313	0
Thru	505	3
Right	255	1
R	CLV(W)= 302.66	

2 <= WB [receiving lanes]
 CLV (N-S)= 862.29
 CLV (E-W)= 372.62
 SUM CLV= 1234.91 ok
 LOS= C EB => 2

From EAST (Westbound)
Tuckerman (north)

#Lanes	VPH	R
2	132	Right
1	18	Thru
1		Left
CLV(E)= 69.96		

If Split Phase:E-W!!
 Use "N" or "Y": Y

CLV(S): (ok-under 1,525)
 862.29 <- ^ ->
 | | |
 # Lanes=

1	3	0
---	---	---

 VPH=

100	1,536	81
Left	Thru	Right

E2,N9,K19,A13 RTOR=R
 If # Lanes=0, then
 Rights use Thru Lane
 Left Turns use Thru Lane
 MUST hit CALC-F9

Rockville Pike
From SOUTH (Northbound)

Project Name: National Navy Medical Center
Intersection: Rockville Pike & Tuckerman North
Location: Montgomery County
Date: 0
Filename: P:\2080-001 NNMC\Analysis\CLVs\MPH Updates for Report\CLV-Background.xls\PM Peak (11)

Scenario Background
Peak Hour or Period PM Peak Hour (- pm)
Northbound Approach Rockville Pike
Southbound Approach Rockville Pike
Eastbound Approach Tuckerman (north)
Westbound Approach Tuckerman (north)

Split Phase (Y)es/(N)o N
Split Phase (Y)es/(N)o Y

Intersection CLV 1283
Level of Service C/D

From NORTH (Southbound)
Rockville Pike

R	Right	Thru	Left
^		1,652	168
R		3	1

 =VPH
 =#Lanes
 ON LY | | | CLV(N):
 for <- V -> 803.24
 RTOR

<- If Split Phase:N-S!!
 Use "N" or "Y": N

From WEST (Eastbound)
Tuckerman (north)

	VPH	#Lanes
Left	489	0
Thru	199	3
Right	151	1
R	CLV(W)=	254.56

2 <= WB [receiving lanes]
 CLV (N-S)= 863.6
 CLV (E-W)= 419.39
 SUM CLV= 1283 ok
 LOS= C/D EB => 2

From EAST (Westbound)
Tuckerman (north)

	#Lanes	VPH	R
NB			Right
<--	2	311	Thru
v--	1	41	Left
	CLV(E)=	164.83	

If Split Phase:E-W!!
 Use "N" or "Y": Y

CLV(S): (ok-under 1,525)
 863.6 <- ^ ->
 | | |
 # Lanes=

1	3	0
---	---	---

 VPH=

192	1,859	21
Left	Thru	Right

 R
Rockville Pike
From SOUTH (Northbound)

E2,N9,K19,A13 RTOR=R
 If # Lanes=0, then
 Rights use Thru Lane
 Left Turns use Thru Lane
 MUST hit CALC-F9

Project Name: National Navy Medical Center
Intersection: Rockville Pike & Tuckerman (south)
Location: Montgomery County
Date:
Filename: P:\2080-001 NNMC\Analysis\CLVs\MPH Updates for Report\CLV-Background.xls\AM Peak (13)

Scenario Background
Peak Hour or Period AM Peak Hour (- am)

Northbound Approach Rockville Pike
Southbound Approach Rockville Pike

Split Phase (Y)es/(N)o N

Eastbound Approach Tuckerman (south)
Westbound Approach Tuckerman (south)

Split Phase (Y)es/(N)o N

Intersection CLV 1076
Level of Service B

From NORTH (Southbound)
Rockville Pike

R	Right	Thru	Left	=VPH
^	-	2,391	4	
R	0	3	1	=#Lanes

ON LY | | | CLV(N):
 for <- V -> 884.67
 RTOR

<- If Split Phase:N-S!!
 Use "N" or "Y": N

From WEST (Eastbound)
Tuckerman (south)

	VPH	#Lanes	
Left	-	0	--^
Thru	-	0	-->
Right	-	0	--v
R	CLV(W)=	191.33	

2 <= WB [receiving lanes]
 ^
 ||
 NB ^--
 <--
 v--
 2 LOS= B EB => 2

From EAST (Westbound)
Tuckerman (south)

	#Lanes	VPH	R
1	13	Right	
0	-	Thru	
2	361	Left	
CLV(E)=	0		

If Split Phase:E-W!!
 Use "N" or "Y": N

CLV(S): (ok-under 1,525)
 581.2 <- ^ ->
 | | |
 # Lanes= 0 3
 VPH= - 1,560
 Left Thru Right R

E2,N9,K19,A13 RTOR=R
 If # Lanes=0, then
 Rights use Thru Lane
 Left Turns use Thru Lane
 MUST hit CALC-F9

Rockville Pike
From SOUTH (Northbound)

Project Name: National Navy Medical Center
Intersection: Rockville Pike & Tuckerman (south)
Location: Montgomery County
Date: 0
Filename: P:\2080-001 NNCM\Analysis\CLVs\MPH Updates for Report\CLV-Background.xls\PM Peak (13)

Scenario Background
Peak Hour or Period PM Peak Hour (- pm)
Northbound Approach Rockville Pike
Southbound Approach Rockville Pike
Eastbound Approach Tuckerman (south)
Westbound Approach Tuckerman (south)

Split Phase (Y)es/(N)o N
Split Phase (Y)es/(N)o N

Intersection CLV 1117.8
Level of Service B

From NORTH (Southbound)
Rockville Pike

R	Right	Thru	Left	=VPH
^	-	1,986	10	
R	0	3	1	=#Lanes

 ON LY | | | CLV(N):
 for <- V -> 734.82
 RTOR

<- If Split Phase:N-S!!
 Use "N" or "Y": N

From WEST (Eastbound)
Tuckerman (south)

	VPH	#Lanes	
Left	-	0	--^
Thru	-	0	-->
Right	-	0	--v

 R CLV(W)= 120.31

2 <= WB [receiving lanes]
 ^
 ||
 NB ^--
 <--
 v--
 2 LOS= B EB => 2
 CLV(S): (ok-under 1,525)
 997.53 <- ^ ->
 | | |
 # Lanes= 0 3
 VPH= - 2,432 237

Left	Thru	Right	R
------	------	-------	---

From EAST (Westbound)
Tuckerman (south)

#Lanes	VPH	R
1	6	Right
0	-	Thru
2	227	Left

 CLV(E)= 0

If Split Phase:E-W!!
 Use "N" or "Y": N

From SOUTH (Northbound)
Rockville Pike

E2,N9,K19,A13 RTOR=R
 If # Lanes=0, then
 Rights use Thru Lane
 Left Turns use Thru Lane
 MUST hit CALC-F9

Project Name: National Navy Medical Center
Intersection: Rockville Pike & Grosvenor Lane
Location: Montgomery County
Date:
Filename: P:\2080-001 NNMC\Analysis\CLVs\MPH Updates for Report\CLV-Background.xls\AM Peak (12)

Scenario Background
Peak Hour or Period AM Peak Hour (- am)

Northbound Approach Rockville Pike
Southbound Approach Rockville Pike

Split Phase (Y)es/(N)o N

Eastbound Approach Grosvenor Lane
Westbound Approach Gorsvenor Lane

Split Phase (Y)es/(N)o N

Intersection CLV 1308
Level of Service C/D

From NORTH (Southbound)
Rockville Pike

R	Right	Thru	Left	=VPH
^	246	2,472	-	
R	1	3	0	=#Lanes

 ON LY | | | CLV(N):
 for <- V -> 914.64
 RTOR

<- If Split Phase:N-S!!
 Use "N" or "Y": N

From WEST (Eastbound)
Grosvenor Lane

	VPH	#Lanes	
Left	144	2	--^
Thru	-	0	-->
Right	-		--v
R	CLV(W)=	393.79	

2 <= WB [receiving lanes]
 CLV (N-S)= 914.64
 CLV (E-W)= 393.79
 || -----
 V SUM CLV= 1308.4 ok
 LOS= C/D EB => 2

From EAST (Westbound)
Gorsvenor Lane

	#Lanes	VPH	R
NB ^--		-	Right
<--	1	187	Thru
v--	2	743	Left
	CLV(E)=	263.32	

If Split Phase:E-W!!
 Use "N" or "Y": N

CLV(S): (ok-under 1,525)
 496.17 <- ^ ->
 | | |
 # Lanes= 0 3 1
 VPH= - 1,341 1

Left	Thru	Right	R
------	------	-------	---

E2,N9,K19,A13 RTOR=R
 If # Lanes=0, then
 Rights use Thru Lane
 Left Turns use Thru Lane
 MUST hit CALC-F9

Rockville Pike
From SOUTH (Northbound)

Project Name: National Navy Medical Center
Intersection: Rockville Pike & Grosvenor Lane
Location: Montgomery County
Date: 0
Filename: P:\2080-001 NNCM\Analysis\CLVs\MPH Updates for Report\CLV-Background.xls\PM Peak (12)

Scenario Background
Peak Hour or Period PM Peak Hour (- pm)
Northbound Approach Rockville Pike
Southbound Approach Rockville Pike
Eastbound Approach Grosvenor Lane
Westbound Approach Gorsvenor Lane

Split Phase (Y)es/(N)o N
Split Phase (Y)es/(N)o N

Intersection CLV 1073
Level of Service B

From NORTH (Southbound)
Rockville Pike

R	Right	Thru	Left	=VPH
^	180	2,039	-	
R	1	3	0	=#Lanes

 ON LY | | | CLV(N):
 for <- V -> 754.43
 RTOR

<- If Split Phase:N-S!!
 Use "N" or "Y": N

From WEST (Eastbound)
Grosvenor Lane

	VPH	#Lanes	
Left	174	2	--^
Thru	-	0	-->
Right			--v
R	CLV(W)=	135.68	

2 <= WB [receiving lanes]
 CLV (N-S)= 771.82
 CLV (E-W)= 301.22
 || -----
 V SUM CLV= 1073 ok
 LOS= B EB => 2

From EAST (Westbound)
Gorsvenor Lane

	#Lanes	VPH	R
NB ^--			Right
<--	1	209	Thru
v--	2	256	Left
	CLV(E)=	301.22	

If Split Phase:E-W!!
 Use "N" or "Y": N

CLV(S): (ok-under 1,525)
 771.82 <- ^ ->
 | | |
 # Lanes= 0 3 1
 VPH= - 2,086 -

Left	Thru	Right	R
------	------	-------	---

Rockville Pike
From SOUTH (Northbound)

E2,N9,K19,A13 RTOR=R
 If # Lanes=0, then
 Rights use Thru Lane
 Left Turns use Thru Lane
 MUST hit CALC-F9

Project Name: National Navy Medical Center
Intersection: Rockville Pike & Pooks Hill Road
Location: Montgomery County
Date:
Filename: P:\2080-001 NNCM\Analysis\CLVs\MPH Updates for Report\CLV-Background.xls\AM Peak (14)

Scenario Background
Peak Hour or Period AM Peak Hour (- am)

Northbound Approach Rockville Pike
Southbound Approach Rockville Pike

Split Phase (Y)es/(N)o N

Eastbound Approach Pooks Hill Road
Westbound Approach Pooks Hill Road

Split Phase (Y)es/(N)o N

Intersection CLV 1539
Level of Service E

From NORTH (Southbound)
Rockville Pike

	Right	Thru	Left	
^	129	3,453	-	=VPH
R	1	3	0	=#Lanes

ON LY | | | CLV(N):
 for <- V -> 1347.6
 RTOR

<- If Split Phase:N-S!!
 Use "N" or "Y": N

From WEST (Eastbound)
Pooks Hill Road

	VPH	#Lanes	
Left	362	2	--^
Thru	-	0	-->
Right	155		--v
R	CLV(W)=	155	

2 <= WB [receiving lanes]
 CLV (N-S)= 1347.6
 CLV (E-W)= 191.86
 || -----
 V SUM CLV= 1539.5 *
 LOS= E EB => 2

From EAST (Westbound)
Pooks Hill Road

	#Lanes	VPH	R
NB ^--	0	-	Right
<--	0	-	Thru
v--	0	-	Left
	CLV(E)=	191.86	

If Split Phase:E-W!!
 Use "N" or "Y": N

CLV(S): *->over 1,525!!
 603.84 <- ^ ->
 | | |
 # Lanes= 1 3 0
 VPH= 70 1,632 -
 Left Thru Right R

E2,N9,K19,A13 RTOR=R
 If # Lanes=0, then
 Rights use Thru Lane
 Left Turns use Thru Lane
 MUST hit CALC-F9

From SOUTH (Northbound)

Project Name: National Navy Medical Center
Intersection: Rockville Pike & Pooks Hill Road
Location: Montgomery County
Date: 0
Filename: P:\2080-001 NNCM\Analysis\CLVs\MPH Updates for Report\CLV-Background.xls\PM Peak (14)

Scenario Background
Peak Hour or Period PM Peak Hour (- pm)
Northbound Approach Rockville Pike
Southbound Approach Rockville Pike
Eastbound Approach Pooks Hill Road
Westbound Approach Pooks Hill Road

Split Phase (Y)es/(N)o N
Split Phase (Y)es/(N)o N

Intersection CLV 1406.6
Level of Service D

From NORTH (Southbound)
Rockville Pike

	Right	Thru	Left
^	384	2,836	3
R	1	3	0

 =VPH
 =#Lanes
 ON LY | | | CLV(N):
 for <- V -> 1121.4
 RTOR

<- If Split Phase:N-S!!
 Use "N" or "Y": N

From WEST (Eastbound)
Pooks Hill Road

	VPH	#Lanes
Left	378	2
Thru	-	0
Right		
R	CLV(W)=	0

2 <= WB [receiving lanes]
 CLV (N-S)= 1206.2
 CLV (E-W)= 200.34
 || -----
 V SUM CLV= 1406.6 ok
 LOS= D EB => 2

From EAST (Westbound)
Pooks Hill Road

	#Lanes	VPH	R
NB ^--	0	-	Right
<--	0	-	Thru
v--	0	-	Left
	CLV(E)=	200.34	

If Split Phase:E-W!!
 Use "N" or "Y": N

CLV(S): (ok-under 1,525)
 1206.2 <- ^ ->
 | | |
 # Lanes=

1	3	0
---	---	---

 VPH=

71	3,252	-
----	-------	---

Left	Thru	Right
		R

Rockville Pike
From SOUTH (Northbound)

E2,N9,K19,A13 RTOR=R
 If # Lanes=0, then
 Rights use Thru Lane
 Left Turns use Thru Lane
 MUST hit CALC-F9

Project Name: National Navy Medical Center
Intersection: Rockville Pike & West Cedar Lane
Location: Montgomery County
Date:
Filename: P:\2080-001 NNCM\Analysis\CLVs\MPH Updates for Report\CLV-Background.xls\AM Peak (15)

Scenario Background
Peak Hour or Period AM Peak Hour (- am)

Northbound Approach Rockville Pike
Southbound Approach Rockville Pike

Split Phase (Y)es/(N)o N

Eastbound Approach West Cedar Lane
Westbound Approach West Cedar Lane

Split Phase (Y)es/(N)o Y

Intersection CLV 1890
Level of Service F

From NORTH (Southbound)
Rockville Pike

R	Right	Thru	Left	=VPH
^	218	3,073	187	
R		3	1	=#Lanes

 ON LY | | | CLV(N):
 for <- V -> 1223.7
 RTOR

<- If Split Phase:N-S!!
 Use "N" or "Y": N

From WEST (Eastbound)
West Cedar Lane

	VPH	#Lanes	
Left	120	0	--^
Thru	306	3	-->
Right	100		--v
R	CLV(W)= 194.62		

2 <= WB [receiving lanes]
 CLV (N-S)= 1223.7
 CLV (E-W)= 666.74
 || -----
 V SUM CLV= 1890.4 *
 LOS= F EB => 2

From EAST (Westbound)
West Cedar Lane

	#Lanes	VPH	R
NB ^--	0	152	Right
<--	3	377	Thru
v--	0	747	Left

 CLV(E)= 472.12

If Split Phase:E-W!!
 Use "N" or "Y": Y

CLV(S): *->over 1,525!!
 823.77 <- ^ ->
 | | |
 # Lanes= 1 3
 VPH= 6 1,604 117

Left	Thru	Right	R
------	------	-------	---

Rockville Pike

E2,N9,K19,A13 RTOR=R
 If # Lanes=0, then
 Rights use Thru Lane
 Left Turns use Thru Lane
 MUST hit CALC-F9

From SOUTH (Northbound)

Project Name: National Navy Medical Center
Intersection: Rockville Pike & West Cedar Lane
Location: Montgomery County
Date: 0
Filename: P:\2080-001 NNMC\Analysis\CLVs\MPH Updates for Report\CLV-Background.xls\PM Peak (15)

Scenario	Background		
Peak Hour or Period	PM Peak Hour (- pm)		
Northbound Approach	Rockville Pike	Split Phase (Y)es/(N)o	N
Southbound Approach	Rockville Pike		
Eastbound Approach	West Cedar Lane	Split Phase (Y)es/(N)o	Y
Westbound Approach	West Cedar Lane		

Intersection CLV **1933.04**
Level of Service **F**

From NORTH (Southbound)

Rockville Pike

R	Right	Thru	Left	=VPH
^	176	1,766	160	
R		3	1	=#Lanes

ON LY | | | CLV(N):
 for <- V -> 825.54
 RTOR

<- If Split Phase:N-S!!
 Use "N" or "Y": N

From WEST (Eastbound)

West Cedar Lane

	VPH	#Lanes
Left	334	0
Thru	747	3
Right	-	
R	CLV(W)= 399.97	

2 <= WB [receiving lanes]
 CLV (N-S)= 1391.36
 CLV (E-W)= 541.68
 SUM CLV= 1933.04 *
 LOS= F EB => **2**

From EAST (Westbound)

West Cedar Lane

	#Lanes	VPH	R
NB ^--	0	81	Right
<--	3	165	Thru
v--	0	137	Left
	CLV(E)= 141.71		

If Split Phase:E-W!!
 Use "N" or "Y": Y

CLV(S): *->over 1,525!!
 1391.36 <- ^ ->
 | | |
 # Lanes=

1	3	
---	---	--

 VPH=

107	2,939	389
Left	Thru	Right

Rockville Pike

From SOUTH (Northbound)

E2,N9,K19,A13 RTOR=R
 If # Lanes=0, then
 Rights use Thru Lane
 Left Turns use Thru Lane
 MUST hit CALC-F9

Project Name: National Navy Medical Center
Intersection: Old Georgetown Road & West Cedar Lane
Location: Montgomery County
Date:
Filename: P:\2080-001 NNMC\Analysis\CLVs\MPH Updates for Report\CLV-Background.xls\AM Peak (122)

Scenario Background
Peak Hour or Period AM Peak Hour (- am)

Northbound Approach Old Georgetown Rd.
Southbound Approach Old Georgetown Rd.

Split Phase (Y)es/(N)o N

Eastbound Approach West Cedar Lane
Westbound Approach West Cedar Lane

Split Phase (Y)es/(N)o N

Intersection CLV 1323
Level of Service D

From NORTH (Southbound)
Old Georgetown Rd.

R	Right	Thru	Left	=VPH
^	20	2,431	190	
R	0	3	1	=#Lanes

ON LY | | | CLV(N):
 for <- V -> 915.87
 RTOR

<- If Split Phase:N-S!!
 Use "N" or "Y": N

From WEST (Eastbound)
West Cedar Lane

	VPH	#Lanes	
Left	30	0	--^
Thru	31	1	-->
Right	24	0	--v
R	CLV(W)=	407	

2 <= WB [receiving lanes]
 CLV (N-S)= 915.87
 CLV (E-W)= 407
 || -----
 V SUM CLV= 1322.9 ok
 LOS= D EB => 2

From EAST (Westbound)
West Cedar Lane

	#Lanes	VPH	R
NB ^--	0	73	Right
<--	1	22	Thru
v--	1	322	Left
	CLV(E)=	125	

If Split Phase:E-W!!
 Use "N" or "Y": N

CLV(S): (ok-under 1,525)
 619.94 <- ^ ->
 | | |
 # Lanes= 1 3 0
 VPH= 9 960 202
 Left Thru Right R

E2,N9,K19,A13 RTOR=R
 If # Lanes=0, then
 Rights use Thru Lane
 Left Turns use Thru Lane
 MUST hit CALC-F9

Old Georgetown Rd.
From SOUTH (Northbound)

Project Name: National Navy Medical Center
Intersection: Old Georgetown Road & West Cedar Lane
Location: Montgomery County
Date: 0
Filename: P:\2080-001 NNCMC\Analysis\CLVs\MPH Updates for Report\CLV-Background.xls\PM Peak (122)

Scenario Background
Peak Hour or Period PM Peak Hour (- pm)
Northbound Approach Old Georgetown Rd.
Southbound Approach Old Georgetown Rd.
Eastbound Approach West Cedar Lane
Westbound Approach West Cedar Lane

Split Phase (Y)es/(N)o N
Split Phase (Y)es/(N)o N

Intersection CLV 1660.3
Level of Service F

From NORTH (Southbound)
Old Georgetown Rd.

R	Right	Thru	Left	=VPH
^	44	1,381	352	
R	0	3	1	=#Lanes

 ON LY | | | CLV(N):
 for <- V -> 576.25
 RTOR

<- If Split Phase:N-S!!
 Use "N" or "Y": N

From WEST (Eastbound)
West Cedar Lane

	VPH	#Lanes
Left	30	0
Thru	47	1
Right	23	0
R	CLV(W)=	323

2 <= WB [receiving lanes]
 CLV (N-S)= 1337.3
 CLV (E-W)= 323
 SUM CLV= 1660.3 *
 LOS= F EB => 2

From EAST (Westbound)
West Cedar Lane

	#Lanes	VPH	R
NB ^--	0	172	Right
<--	1	44	Thru
v--	1	223	Left
	CLV(E)=	246	

If Split Phase:E-W!!
 Use "N" or "Y": N

CLV(S): *->over 1,525!!
 1337.3 <- ^ ->
 | | |
 # Lanes=

1	3	0
---	---	---

 VPH=

49	2,161	502
Left	Thru	Right

 R
Old Georgetown Rd.
From SOUTH (Northbound)

E2,N9,K19,A13 RTOR=R
 If # Lanes=0, then
 Rights use Thru Lane
 Left Turns use Thru Lane
 MUST hit CALC-F9

Project Name: National Navy Medical Center
Intersection: West Cedar Lane & West Drive
Location: Montgomery County
Date: 0
Filename: P:\2080-001 NNCM\Analysis\CLVs\MPH Updates for Report\CLV-Background.xls\PM Peak (121)

Scenario Background
Peak Hour or Period PM Peak Hour (- pm)
Northbound Approach West Dr.
Southbound Approach West Dr.
Eastbound Approach West Cedar Lane
Westbound Approach West Cedar Lane

Split Phase (Y)es/(N)o N

Split Phase (Y)es/(N)o N

Intersection CLV 513
Level of Service A

From NORTH (Southbound)
West Dr.

R	Right	Thru	Left	=VPH
^	12	-	16	
R	0	1	0	=#Lanes
ON LY				CLV(N):
for	<-	V	->	28
RTOR				

<- If Split Phase:N-S!!
 Use "N" or "Y": N

From WEST (Eastbound) 2 <= WB [receiving lanes]
West Cedar Lane

	VPH	#Lanes		CLV (N-S)=	28
Left	30	0	--^	SB	CLV (E-W)=
Thru	831	2	-->		-----
Right	-	0	--v	V	SUM CLV=
R	CLV(W)=	456.33		2	LOS= A
					EB =>

From EAST (Westbound) 2
West Cedar Lane

	#Lanes	VPH	R
NB ^--	0	20	Right
<--	1	435	Thru
v--	1	-	Left
	CLV(E)=	485	

If Split Phase:E-W!!
 Use "N" or "Y": N

CLV(S): (ok-under 1,525)

16	<-	^	->
# Lanes=	0	0	0
VPH=	-	-	-
	Left	Thru	Right

West Dr.

From SOUTH (Northbound)

E2,N9,K19,A13 RTOR=R
 If # Lanes=0, then
 Rights use Thru Lane
 Left Turns use Thru Lane
 MUST hit CALC-F9

Project Name: National Navy Medical Center
Intersection: Rockville Pike & North Drive
Location: Montgomery County
Date:
Filename: P:\2080-001 NNMC\Analysis\CLVs\MPH Updates for Report\CLV-Background.xls\AM Peak (16)

Scenario Background
Peak Hour or Period AM Peak Hour (- am)

Northbound Approach Rockville Pike
Southbound Approach Rockville Pike

Split Phase (Y)es/(N)o N

Eastbound Approach North Drive
Westbound Approach North Drive

Split Phase (Y)es/(N)o N

Intersection CLV 1504
Level of Service E

From NORTH (Southbound)
Rockville Pike

R	Right	Thru	Left	=VPH
^	386	3,675	-	
R	0	3	0	=#Lanes

 ON LY | | | CLV(N):
 for <- V -> 1502.6
 RTOR

<- If Split Phase:N-S!!
 Use "N" or "Y": N

From WEST (Eastbound)
North Drive

2 <= WB [receiving lanes]
 CLV (N-S)= 1502.6
 CLV (E-W)= 1
 SUM CLV= 1503.6 ok
 LOS= E EB => 2

	VPH	#Lanes	
Left	-	0	--^
Thru	-	0	-->
Right	1	1	--v
R	CLV(W)=	1	

From EAST (Westbound)
North Drive

	#Lanes	VPH	R
NB ^--	0	-	Right
<--	0	-	Thru
v--	0	-	Left
	CLV(E)=	0	

If Split Phase:E-W!!
 Use "N" or "Y": N

CLV(S): (ok-under 1,525)
 523.92 <- ^ ->
 | | |
 # Lanes= 0 3 0
 VPH= - 1,416 -

Left	Thru	Right	R
------	------	-------	---

Rockville Pike

E2,N9,K19,A13 RTOR=R
 If # Lanes=0, then
 Rights use Thru Lane
 Left Turns use Thru Lane
 MUST hit CALC-F9

From SOUTH (Northbound)

Project Name: National Navy Medical Center
Intersection: Rockville Pike & North Drive
Location: Montgomery County
Date: 0
Filename: P:\2080-001 NNCM\Analysis\CLVs\MPH Updates for Report\CLV-Background.xls\PM Peak (16)

Scenario Background
Peak Hour or Period PM Peak Hour (- pm)

Northbound Approach Rockville Pike
Southbound Approach Rockville Pike

Eastbound Approach North Drive
Westbound Approach North Drive

Split Phase (Y)es/(N)o N
Split Phase (Y)es/(N)o N

Intersection CLV 1268.7
Level of Service C

From NORTH (Southbound)
Rockville Pike

	Right	Thru	Left	
^	6	1,989	-	=VPH
R	0	3	0	=#Lanes

ON LY | | | CLV(N):
 for <- V -> 738.15
 RTOR

<- If Split Phase:N-S!!
 Use "N" or "Y": N

From WEST (Eastbound)
North Drive

	VPH	#Lanes	
Left	-	0	--^
Thru	-	0	-->
Right	50	1	--v
R	CLV(W)=	0	

2 <= WB [receiving lanes]

CLV (N-S)= 1268.7
 CLV (E-W)= 0
 SUM CLV= 1268.7 ok
 LOS= C EB => 2

From EAST (Westbound)
North Drive

	#Lanes	VPH	R
^--	0	-	Right
<--	0	-	Thru
v--	0	-	Left
	CLV(E)=	0	

If Split Phase:E-W!!
 Use "N" or "Y": N

CLV(S): (ok-under 1,525)
 1268.7 <- ^ ->
 | | |
 # Lanes= 0 3 0
 VPH= - 3,429 -

Left	Thru	Right	R
------	------	-------	---

Rockville Pike
From SOUTH (Northbound)

E2,N9,K19,A13 RTOR=R
 If # Lanes=0, then
 Rights use Thru Lane
 Left Turns use Thru Lane
 MUST hit CALC-F9

Project Name: National Navy Medical Center
Intersection: Rockville Pike & North Wood Road
Location: Montgomery County
Date:
Filename: P:\2080-001 NNCM\Analysis\CLVs\MPH Updates for Report\CLV-Background.xls\AM Peak (17)

Scenario Background
Peak Hour or Period AM Peak Hour (- am)

Northbound Approach Rockville Pike
Southbound Approach Rockville Pike

Split Phase (Y)es/(N)o N

Eastbound Approach North Wood Road
Westbound Approach North Wood Road

Split Phase (Y)es/(N)o N

Intersection CLV 1154
Level of Service B/C

From NORTH (Southbound)
Rockville Pike

R	Right	Thru	Left	=VPH
^	-	3,068	606	
R	0	3	1	=#Lanes

 ON LY | | | CLV(N):
 for <- V -> 1135.2
 RTOR

<- If Split Phase:N-S!!
 Use "N" or "Y": N

From WEST (Eastbound)
North Wood Road

	VPH	#Lanes	
Left	-	0	--^
Thru	-	0	-->
Right	-	0	--v
R	CLV(W)=	0	

2 <= WB [receiving lanes]
 CLV (N-S)= 1135.2
 CLV (E-W)= 19
 || -----
 V SUM CLV= 1154.2 ok
 LOS= B/C EB => 2

From EAST (Westbound)
North Wood Road

	#Lanes	VPH	R
NB ^--	0	19	Right
<--	1	-	Thru
v--	0	-	Left
	CLV(E)=	19	

If Split Phase:E-W!!
 Use "N" or "Y": N

CLV(S): (ok-under 1,525)
 1101.1 <- ^ ->
 | | |
 # Lanes= 0 3 0
 VPH= - 1,336 2

Left	Thru	Right	R
------	------	-------	---

Rockville Pike

E2,N9,K19,A13 RTOR=R
 If # Lanes=0, then
 Rights use Thru Lane
 Left Turns use Thru Lane
 MUST hit CALC-F9

From SOUTH (Northbound)

Project Name: National Navy Medical Center
Intersection: Rockville Pike & North Wood Road
Location: Montgomery County
Date: 0
Filename: P:\2080-001 NNCM\Analysis\CLVs\MPH Updates for Report\CLV-Background.xls\PM Peak (17)

Scenario Background
Peak Hour or Period PM Peak Hour (- pm)
Northbound Approach Rockville Pike
Southbound Approach Rockville Pike
Eastbound Approach North Wood Road
Westbound Approach North Wood Road

Split Phase (Y)es/(N)o N
Split Phase (Y)es/(N)o N

Intersection CLV 1366.2
Level of Service D

From NORTH (Southbound)
Rockville Pike

R	Right	Thru	Left	=VPH
^	-	2,234	26	
R	0	3	1	=#Lanes

 ON LY | | | CLV(N):
 for <- V -> 826.58
 RTOR

<- If Split Phase:N-S!!
 Use "N" or "Y": N

From WEST (Eastbound)
North Wood Road

	VPH	#Lanes	
Left	-	0	--^
Thru	-	0	-->
Right	-	0	--v
R	CLV(W)=	2	

2 <= WB [receiving lanes]
 CLV (N-S)= 1171.2
 CLV (E-W)= 195
 SUM CLV= 1366.2 ok
 LOS= D EB => 2

From EAST (Westbound)
North Wood Road

	#Lanes	VPH	R
NB ^--	1	221	Right
<--	1	2	Thru
v--	0	2	Left
	CLV(E)=	195	

If Split Phase:E-W!!
 Use "N" or "Y": N

CLV(S): (ok-under 1,525)
 1171.2 <- ^ ->
 | | |
 # Lanes= 0 3 0
 VPH= 3,092 3

Left	Thru	Right	R
------	------	-------	---

Rockville Pike
From SOUTH (Northbound)

E2,N9,K19,A13 RTOR=R
 If # Lanes=0, then
 Rights use Thru Lane
 Left Turns use Thru Lane
 MUST hit CALC-F9

Project Name: National Navy Medical Center
Intersection: Rockville Pike & Wilson Drive
Location: Montgomery County
Date:
Filename: P:\2080-001 NNCM\Analysis\CLVs\MPH Updates for Report\CLV-Background.xls\AM Peak (18)

Scenario Background
Peak Hour or Period AM Peak Hour (- am)

Northbound Approach Rockville Pike
Southbound Approach Rockville Pike

Split Phase (Y)es/(N)o N

Eastbound Approach Wilson Drive
Westbound Approach Wilson Drive

Split Phase (Y)es/(N)o N

Intersection CLV 1433
Level of Service D/E

From NORTH (Southbound)
Rockville Pike

R	Right	Thru	Left	=VPH
^	387	2,810	2	
R	0	3	0	=#Lanes

 ON LY | | | CLV(N):
 for <- V -> 1381.6
 RTOR

<- If Split Phase:N-S!!
 Use "N" or "Y": N

From WEST (Eastbound) 2 <= WB [receiving lanes]
Wilson Drive

	VPH	#Lanes	
Left	51	0	--^
Thru	-	2	-->
Right	6	0	--v

 CLV(W)= 30.21
 SB CLV (N-S)= 1381.6
 CLV (E-W)= 51
 SUM CLV= 1432.6 ok
 LOS= D/E EB => 2

From EAST (Westbound) 2
Wilson Drive

	#Lanes	VPH	R
NB ^--	0	-	Right
<--	0	-	Thru
v--	0	-	Left

 CLV(E)= 51

If Split Phase:E-W!!
 Use "N" or "Y": N

CLV(S): (ok-under 1,525)
 498.91 <- ^ ->
 | | |
 # Lanes=

1	3	0
---	---	---

 VPH=

198	1,343	-
Left	Thru	Right

 R
Rockville Pike
From SOUTH (Northbound)

E2,N9,K19,A13 RTOR=R
 If # Lanes=0, then
 Rights use Thru Lane
 Left Turns use Thru Lane
 MUST hit CALC-F9

Project Name: National Navy Medical Center
Intersection: Rockville Pike & Wilson Drive
Location: Montgomery County
Date: 0
Filename: P:\2080-001 NNCMC\Analysis\CLVs\MPH Updates for Report\CLV-Background.xls\PM Peak (18)

Scenario Background
Peak Hour or Period PM Peak Hour (- pm)
Northbound Approach Rockville Pike
Southbound Approach Rockville Pike
Eastbound Approach Wilson Drive
Westbound Approach Wilson Drive

Split Phase (Y)es/(N)o N
Split Phase (Y)es/(N)o N

Intersection CLV 1536.4
Level of Service E

From NORTH (Southbound)
Rockville Pike

R	Right	Thru	Left	=VPH
^	37	2,289	4	
R	0	3	0	=#Lanes

 ON LY | | | CLV(N):
 for <- V -> 862.1
 RTOR

<- If Split Phase:N-S!!
 Use "N" or "Y": N

From WEST (Eastbound)
Wilson Drive

	VPH	#Lanes	
Left	553	0	--^
Thru	-	2	-->
Right	20	0	--v

 CLV(W)= 303.69

2 <= WB [receiving lanes]
 CLV (N-S)= 983.39
 CLV (E-W)= 553
 SUM CLV= 1536.4 *
 LOS= E EB => 2

From EAST (Westbound)
Wilson Drive

	#Lanes	VPH	R
NB ^--	0	-	Right
<--	0	-	Thru
v--	0	-	Left

 CLV(E)= 553

If Split Phase:E-W!!
 Use "N" or "Y": N

CLV(S): *->over 1,525!!
 983.39 <- ^ ->
 | | |
 # Lanes=

1	3	0
---	---	---

 VPH=

-	2,644	3
Left	Thru	Right

 R
Rockville Pike
From SOUTH (Northbound)

E2,N9,K19,A13 RTOR=R
 If # Lanes=0, then
 Rights use Thru Lane
 Left Turns use Thru Lane
 MUST hit CALC-F9

Project Name: National Navy Medical Center
Intersection: Rockville Pike & South Wood Road
Location: Montgomery County
Date:
Filename: P:\2080-001 NNCM\Analysis\CLVs\MPH Updates for Report\CLV-Background.xls\AM Peak (19)

Scenario Background
Peak Hour or Period AM Peak Hour (- am)

Northbound Approach Rockville Pike
Southbound Approach Rockville Pike

Split Phase (Y)es/(N)o N

Eastbound Approach South Wood Road
Westbound Approach South Wood Road

Split Phase (Y)es/(N)o N

Intersection CLV 1167
Level of Service B/C

From NORTH (Southbound)
Rockville Pike

R	Right	Thru	Left	=VPH
^	196	2,408	92	
R	0	3	1	=#Lanes

 ON LY | | | CLV(N):
 for <- V -> 1067.5
 RTOR

<- If Split Phase:N-S!!
 Use "N" or "Y": N

From WEST (Eastbound)
South Wood Road

	VPH	#Lanes
Left	55	0
Thru	21	1
Right	54	1
CLV(W)=		100

2 <= WB [receiving lanes]
 CLV (N-S)= 1067.5
 CLV (E-W)= 100
 SUM CLV= 1167.5 ok
 LOS= B/C EB => 2

From EAST (Westbound)
South Wood Road

	#Lanes	VPH	R
NB ^--	1	93	Right
<--	1	11	Thru
v--	0	24	Left
CLV(E)=		90	

If Split Phase:E-W!!
 Use "N" or "Y": N

CLV(S): (ok-under 1,525)
 519.35 <- ^ ->
 | | |
 # Lanes= 1 3 0
 VPH= 104 1,095 60

Left	Thru	Right	R
------	------	-------	---

Rockville Pike

E2,N9,K19,A13 RTOR=R
 If # Lanes=0, then
 Rights use Thru Lane
 Left Turns use Thru Lane
 MUST hit CALC-F9

From SOUTH (Northbound)

Project Name: National Navy Medical Center
Intersection: Rockville Pike & South Wood Road
Location: Montgomery County
Date: 0
Filename: P:\2080-001 NNCM\Analysis\CLVs\MPH Updates for Report\CLV-Background.xls\PM Peak (I9)

Scenario	Background		
Peak Hour or Period	PM Peak Hour (- pm)		
Northbound Approach	Rockville Pike	Split Phase (Y)es/(N)o	N
Southbound Approach	Rockville Pike		
Eastbound Approach	South Wood Road	Split Phase (Y)es/(N)o	N
Westbound Approach	South Wood Road		

Intersection CLV **1146.3**
Level of Service **B/C**

From NORTH (Southbound)
Rockville Pike

R	Right	Thru	Left	=VPH
^	97	2,033	67	
R	0	3	1	=#Lanes

ON LY | | | CLV(N):
 for <- V -> 879.1
 RTOR

<- If Split Phase:N-S!!
 Use "N" or "Y": N

From WEST (Eastbound)
South Wood Road

	VPH	#Lanes	
Left	170	0	--^
Thru	22	1	-->
Right	72	1	--v
CLV(W)=		247	

2 <= WB [receiving lanes]
 CLV (N-S)= 879.1
 CLV (E-W)= 267.15
 || -----
 V SUM CLV= 1146.3 ok
 2 LOS= B/C EB => 2

From EAST (Westbound)
South Wood Road

	#Lanes	VPH	R
NB ^--	1	166	Right
<--	1	18	Thru
v--	0	55	Left
CLV(E)=		267.15	

If Split Phase:E-W!!
 Use "N" or "Y": N

CLV(S): (ok-under 1,525)
 832.16 <- ^ ->
 | | |
 # Lanes=

1	3	0
---	---	---

 VPH=

91	2,028	40
----	-------	----

Left	Thru	Right	R
------	------	-------	---

Rockville Pike
From SOUTH (Northbound)

E2,N9,K19,A13 RTOR=R
 If # Lanes=0, then
 Rights use Thru Lane
 Left Turns use Thru Lane
 MUST hit CALC-F9

Project Name: National Navy Medical Center
Intersection: Rockville Pike & Jones Bridge Road
Location: Montgomery County
Date:
Filename: P:\2080-001 NNMC\Analysis\CLVs\MPH Updates for Report\CLV-Background.xls\AM Peak (110)

Scenario Background
Peak Hour or Period AM Peak Hour (- am)

Northbound Approach Rockville Pike
Southbound Approach Rockville Pike

Split Phase (Y)es/(N)o N

Eastbound Approach Jones Bridge Road
Westbound Approach Jones Bridge Road

Split Phase (Y)es/(N)o Y

Intersection CLV 1351
Level of Service D

From NORTH (Southbound)
Rockville Pike

R	Right	Thru	Left	=VPH
^	119	2,149	279	
R	0	3	1	=#Lanes

ON LY | | | CLV(N):
 for <- V -> 928.16
 RTOR

<- If Split Phase:N-S!!
 Use "N" or "Y": N

From WEST (Eastbound)
Jones Bridge Road

	VPH	#Lanes
Left	17	0
Thru	12	2
Right	29	1
R	CLV(W)= 15.37	

2 <= WB [receiving lanes]
 ^
 ||
 NB ^--
 <--
 v--
 2 LOS= D EB => 2

From EAST (Westbound)
Jones Bridge Road

	#Lanes	VPH	R
1	199	Right	
3	309	Thru	
0	792	Left	
CLV(E)= 407.37			

If Split Phase:E-W!!
 Use "N" or "Y": Y

CLV(S): (ok-under 1,525)
 705.98 <- ^ ->
 | | |
 # Lanes= 1 3 1
 VPH= 89 1,154 250
 Left Thru Right R

Rockville Pike
From SOUTH (Northbound)

E2,N9,K19,A13 RTOR=R
 If # Lanes=0, then
 Rights use Thru Lane
 Left Turns use Thru Lane
 MUST hit CALC-F9

Project Name: National Navy Medical Center
Intersection: Rockville Pike & Jones Bridge Road
Location: Montgomery County
Date: 0
Filename: P:\2080-001 NNCM\Analysis\CLVs\MPH Updates for Report\CLV-Background.xls\PM Peak (110)

Scenario	Background		
Peak Hour or Period	PM Peak Hour (- pm)		
Northbound Approach	Rockville Pike	Split Phase (Y)es/(N)o	N
Southbound Approach	Rockville Pike		
Eastbound Approach	Jones Bridge Road	Split Phase (Y)es/(N)o	Y
Westbound Approach	Jones Bridge Road		

Intersection CLV **1679.6**
Level of Service **F**

From NORTH (Southbound)
Rockville Pike

R	Right	Thru	Left	=VPH
^	12	1,580	548	
R	0	3	1	=#Lanes

ON LY | | | CLV(N):
 for <- V -> 609.04
 RTOR

<- If Split Phase:N-S!!
 Use "N" or "Y": N

From WEST (Eastbound)
Jones Bridge Road

	VPH	#Lanes	
Left	178	0	--^
Thru	276	2	-->
Right	79	1	--v
R	CLV(W)= 240.62		

2 <= WB [receiving lanes]
 CLV (N-S)= 1282.8
 CLV (E-W)= 396.76
 SUM CLV= 1679.6 *
 LOS= F EB => 2

From EAST (Westbound)
Jones Bridge Road

	#Lanes	VPH	R
NB ^--	1	241	Right
<--	3	12	Thru
v--	0	410	Left
	CLV(E)= 156.14		

If Split Phase:E-W!!
 Use "N" or "Y": Y

CLV(S): *->over 1,525!!
 1282.8 <- ^ ->
 | | |
 # Lanes= 1 3 1
 VPH= 20 1,986 671
 Left Thru Right R

Rockville Pike

From SOUTH (Northbound)

E2,N9,K19,A13 RTOR=R
 If # Lanes=0, then
 Rights use Thru Lane
 Left Turns use Thru Lane
 MUST hit CALC-F9

Project Name: National Navy Medical Center
Intersection: Jones Bridge Road & Gunnel Road
Location: Montgomery County
Date:
Filename: P:\2080-001 NNCM\Analysis\CLVs\MPH Updates for Report\CLV-Background.xls\AM Peak (123)

Scenario Background
Peak Hour or Period AM Peak Hour (- am)

Northbound Approach Gunnel Road
Southbound Approach Gunnel Road

Split Phase (Y)es/(N)o N

Eastbound Approach Jones Bridge Road
Westbound Approach Jones Bridge Road

Split Phase (Y)es/(N)o N

Intersection CLV 810
Level of Service A

From NORTH (Southbound)
Gunnel Road

R	Right	Thru	Left	=VPH
^	22	-	45	
R	0	1	0	=#Lanes

ON LY | | | CLV(N):
 for <- V -> 72
 RTOR

<- If Split Phase:N-S!!
 Use "N" or "Y": N

From WEST (Eastbound)
Jones Bridge Road

2 <= WB [receiving lanes]

	VPH	#Lanes
Left	30	1
Thru	783	2
Right	5	0

R CLV(W)= 420.64

CLV (N-S)= 72
 CLV (E-W)= 737.55
 SUM CLV= 809.55 ok
 LOS= A EB => 2

From EAST (Westbound)
Jones Bridge Road

	#Lanes	VPH	R
0	137	Right	
2	1,198	Thru	
1	3	Left	

CLV(E)= 737.55

If Split Phase:E-W!!
 Use "N" or "Y": N

CLV(S): (ok-under 1,525)
52 <- ^ ->

# Lanes=	0	1	0
VPH=	5	-	2
	Left	Thru	Right

R

Gunnel Road
From SOUTH (Northbound)

E2,N9,K19,A13 RTOR=R
 If # Lanes=0, then
 Rights use Thru Lane
 Left Turns use Thru Lane
 MUST hit CALC-F9

Project Name: National Navy Medical Center
Intersection: Jones Bridge Road & Gunnel Road
Location: Montgomery County
Date: 0
Filename: P:\2080-001 NNMC\Analysis\CLVs\MPH Updates for Report\CLV-Background.xls\PM Peak (123)

Scenario Background
Peak Hour or Period PM Peak Hour (- pm)
Northbound Approach Gunnel Road
Southbound Approach Gunnel Road
Eastbound Approach Jones Bridge Road
Westbound Approach Jones Bridge Road

Split Phase (Y)es/(N)o N
Split Phase (Y)es/(N)o N

Intersection CLV 956.14
Level of Service A

From NORTH (Southbound)
Gunnel Road

R	Right	Thru	Left	=VPH
^	140	-	90	
R	0	1	0	=#Lanes

 ON LY | | | CLV(N):
 for <- V -> 240
 RTOR

<- If Split Phase:N-S!!
 Use "N" or "Y": N

From WEST (Eastbound)
Jones Bridge Road

	VPH	#Lanes	
Left	15	1	--^
Thru	1,335	2	-->
Right	3	0	--v
R	CLV(W)= 716.14		

2 <= WB [receiving lanes]
 CLV (N-S)= 240
 CLV (E-W)= 716.14
 || -----
 V SUM CLV= 956.14 ok
 LOS= A EB => 2

From EAST (Westbound)
Jones Bridge Road

	#Lanes	VPH	R
NB ^--	0	81	Right
<--	2	528	Thru
v--	1	7	Left
	CLV(E)= 337.77		

If Split Phase:E-W!!
 Use "N" or "Y": N

CLV(S): (ok-under 1,525)
 106 <- ^ ->
 | | |
 # Lanes= 0 1 0
 VPH= 10 1 5

Left	Thru	Right	R
------	------	-------	---

Gunnel Road
From SOUTH (Northbound)

E2,N9,K19,A13 RTOR=R
 If # Lanes=0, then
 Rights use Thru Lane
 Left Turns use Thru Lane
 MUST hit CALC-F9

Project Name: National Navy Medical Center
Intersection: Jones Bridge Road & Grier Road
Location: Montgomery County
Date:
Filename: P:\2080-001 NNCM\Analysis\CLVs\MPH Updates for Report\CLV-Background.xls\AM Peak (124)

Scenario Background
Peak Hour or Period AM Peak Hour (- am)

Northbound Approach Grier Road
Southbound Approach Grier Road

Split Phase (Y)es/(N)o N

Eastbound Approach Jones Bridge Road
Westbound Approach Jones Bridge Road

Split Phase (Y)es/(N)o N

Intersection CLV 730
Level of Service A

From NORTH (Southbound)
Grier Road

R	Right	Thru	Left	
^	1	-	-	=VPH
R	0	0	1	=#Lanes
ON LY				CLV(N):
for	<-	V	->	1
RTOR				

<- If Split Phase:N-S!!
 Use "N" or "Y": N

From WEST (Eastbound)
Jones Bridge Road

	VPH	#Lanes	
Left	-	1	--^
Thru	850	2	-->
Right	-	0	--v
R	CLV(W)= 450.5		

2 <= WB [receiving lanes]

CLV (N-S)= 1
 CLV (E-W)= 728.75
 || -----
 V SUM CLV= 729.75 ok
 LOS= A EB => 2

From EAST (Westbound)
Jones Bridge Road

	#Lanes	VPH	R
0	-		Right
2	1,375		Thru
0	-		Left
CLV(E)= 728.75			

If Split Phase:E-W!!
 Use "N" or "Y": N

CLV(S): (ok-under 1,525)
 0 <- ^ ->
 | | |

# Lanes=	0	0	0
VPH=	-	-	-
	Left	Thru	Right

Grier Road
From SOUTH (Northbound)

E2,N9,K19,A13 RTOR=R
 If # Lanes=0, then
 Rights use Thru Lane
 Left Turns use Thru Lane
 MUST hit CALC-F9

Project Name: National Navy Medical Center
Intersection: Jones Bridge Road & Grier Road
Location: Montgomery County
Date: 0
Filename: P:\2080-001 NNCM\Analysis\CLVs\MPH Updates for Report\CLV-Background.xls\PM Peak (124)

Scenario Background
Peak Hour or Period PM Peak Hour (- pm)

Northbound Approach Grier Road
Southbound Approach Grier Road

Split Phase (Y)es/(N)o N

Eastbound Approach Jones Bridge Road
Westbound Approach Jones Bridge Road

Split Phase (Y)es/(N)o N

Intersection CLV 1100.6
Level of Service B

From NORTH (Southbound)
Grier Road

R	Right	Thru	Left	
^	54	-	171	=VPH
R	0	1	0	=#Lanes
ON LY				CLV(N):
for	<-	V	->	225
RTOR				

<- If Split Phase:N-S!!
 Use "N" or "Y": N

From WEST (Eastbound)
Jones Bridge Road

	VPH	#Lanes	
Left	-	1	--^
Thru	1,652	2	-->
Right	-	0	--v
R	CLV(W)=	875.56	

2 <= WB [receiving lanes]

CLV (N-S)= 225
 CLV (E-W)= 875.56
 SUM CLV= 1100.6 ok
 LOS= B EB => 2

From EAST (Westbound)
Jones Bridge Road

	#Lanes	VPH	R
NB ^--	0		Right
<--	2	569	Thru
v--	0		Left
	CLV(E)=	301.57	

If Split Phase:E-W!!
 Use "N" or "Y": N

CLV(S): (ok-under 1,525)

171	<-	^	->
# Lanes=	0	0	0
VPH=	-	-	-
	Left	Thru	Right

Grier Road

From SOUTH (Northbound)

E2,N9,K19,A13 RTOR=R
 If # Lanes=0, then
 Rights use Thru Lane
 Left Turns use Thru Lane
 MUST hit CALC-F9

Project Name: National Navy Medical Center
Intersection: Jones Bridge Road & University Road
Location: Montgomery County
Date:
Filename: P:\2080-001 NNCM\Analysis\CLVs\MPH Updates for Report\CLV-Background.xls\AM Peak (125)

Scenario Background
Peak Hour or Period AM Peak Hour (- am)4

Northbound Approach University Road
Southbound Approach University Road

Split Phase (Y)es/(N)o N

Eastbound Approach Jones Bridge Road
Westbound Approach Jones Bridge Road

Split Phase (Y)es/(N)o N

Intersection CLV 743
Level of Service A

From NORTH (Southbound)
University Road

R	Right	Thru	Left	
^	-	-		=VPH
R	0	0	0	=#Lanes

 ON LY | | | CLV(N):
 for <- V -> 0
 RTOR

<- If Split Phase:N-S!!
 Use "N" or "Y": N

From WEST (Eastbound)
Jones Bridge Road

2 <= WB [receiving lanes]

	VPH	#Lanes	
Left	4	1	--^
Thru	919	2	-->
Right	-	0	--v
R	CLV(W)= 487.07		

CLV (N-S)= 0
 CLV (E-W)= 742.82
 || -----
 V SUM CLV= 742.82 ok
 LOS= A EB => 2

From EAST (Westbound)
Jones Bridge Road

	#Lanes	VPH	R
NB ^--	1	24	Right
<--	2	1,394	Thru
v--	0	-	Left
	CLV(E)= 742.82		

If Split Phase:E-W!!
 Use "N" or "Y": N

CLV(S): (ok-under 1,525)
 0 <- ^ ->
 | | |
 # Lanes=

0	0	0
---	---	---

 VPH=

-	-	-
Left	Thru	Right

 R

E2,N9,K19,A13 RTOR=R
 If # Lanes=0, then
 Rights use Thru Lane
 Left Turns use Thru Lane
 MUST hit CALC-F9

University Road
From SOUTH (Northbound)

Project Name: National Navy Medical Center
Intersection: Jones Bridge Road & University Road
Location: Montgomery County
Date: 0
Filename: P:\2080-001 NNCMC\Analysis\CLVs\MPH Updates for Report\CLV-Background.xls\PM Peak (125)

Scenario Background
Peak Hour or Period PM Peak Hour (- pm)
Northbound Approach University Road
Southbound Approach University Road
Eastbound Approach Jones Bridge Road
Westbound Approach Jones Bridge Road

Split Phase (Y)es/(N)o N
Split Phase (Y)es/(N)o N

Intersection CLV 1031.4
Level of Service B

From NORTH (Southbound)
University Road

R	Right	Thru	Left	
^				=VPH
R	0	0	0	=#Lanes

ON LY | | | CLV(N):
 for <- V -> 0
 RTOR

<- If Split Phase:N-S!!
 Use "N" or "Y": N

From WEST (Eastbound)
Jones Bridge Road

	VPH	#Lanes
Left	-	1
Thru	1,946	2
Right		0

R CLV(W)= 1031.4

2 <= WB [receiving lanes]
 ^
 ||
 NB
 CLV (N-S)= 0
 CLV (E-W)= 1031.4
 SUM CLV= 1031.4 ok
 LOS= B EB => 2

From EAST (Westbound)
Jones Bridge Road

	#Lanes	VPH	R
1	-		Right
2	529		Thru
0	-		Left

CLV(E)= 280.37

If Split Phase:E-W!!
 Use "N" or "Y": N

CLV(S): (ok-under 1,525)
0 <- ^ ->

# Lanes=	0	0	0
VPH=		-	
	Left	Thru	Right

University Road
From SOUTH (Northbound)

E2,N9,K19,A13 RTOR=R
 If # Lanes=0, then
 Rights use Thru Lane
 Left Turns use Thru Lane
 MUST hit CALC-F9

Project Name: National Navy Medical Center
Intersection: Jones Bridge Road & Connecticut Avenue
Location: Montgomery County
Date:
Filename: P:\2080-001 NNMC\Analysis\CLVs\MPH Updates for Report\CLV-Background.xls\AM Peak (126)

Scenario Background
Peak Hour or Period AM Peak Hour (- am)

Northbound Approach Connecticut Avenue
Southbound Approach Connecticut Avenue

Eastbound Approach Jones Bridge Road
Westbound Approach Jones Bridge Road

Split Phase (Y)es/(N)o N

Split Phase (Y)es/(N)o Y

Intersection CLV 1824
Level of Service F

From NORTH (Southbound)
Connecticut Avenue

R	Right	Thru	Left	=VPH
^	891	2,375	2	
R		3	0	=#Lanes

ON LY | | | CLV(N):
 for <- V -> 1209.2
 RTOR

From NORTHEAST(South)
Kensington Pkwy

	Right	Thru	Left
^	8	112	191
R	0	1	1

ON LY | | |
 for <- V ->
 <- If Split Phase:N-S!!
 Use "N" or "Y": N

From WEST (Eastbound)
Jones Bridge Road

	VPH	#Lanes	
Left	272	2	--^
Thru	231	2	-->
Right	68		--v
R	CLV(W)= 158.47		

2 <= WB [receiving lanes]
 CLV (N-S)= 1209.2
 CLV (E-W)= 614.76
 || -----
 V SUM CLV= 1823.9 *
 LOS= F EB => 2

From EAST (Westbound)
Jones Bridge Road

	#Lanes	VPH	
NB ^--	0	211	Right
<--	3	478	Thru
v--	0	28	Left
	CLV(E)= 265.29		

If Split Phase:E-W!!
 Use "N" or "Y": Y

CLV(S): *->over 1,525!!
 679.84 <- ^ ->
 | | |
 # Lanes= 0 3 0
 VPH= 0 1781 51

Left	Thru	Right
------	------	-------

Connecticut Avenue
From SOUTH (Northbound)

E2,N9,K19,A13 RTOR=R
 If # Lanes=0, then
 Rights use Thru Lane
 Left Turns use Thru Lane
 MUST hit CALC-F9

Project Name: National Navy Medical Center
Intersection: Jones Bridge Road & Connecticut Avenue
Location: Montgomery County
Date: 0
Filename: P:\2080-001 NNMC\Analysis\CLVs\MPH Updates for Report\CLV-Background.xls\PM Peak (126)

Scenario Background
Peak Hour or Period PM Peak Hour (- pm)
Northbound Approach Connecticut Avenue
Southbound Approach Connecticut Avenue
Eastbound Approach Jones Bridge Road
Westbound Approach Jones Bridge Road

Split Phase (Y)es/(N)o N
Split Phase (Y)es/(N)o Y

Intersection CLV 1993.6
Level of Service F

From NORTH (Southbound) Connecticut Avenue

R	Right	Thru	Left	=VPH
^	295	1,569	1	
R		3	0	=#Lanes

ON LY | | | CLV(N):
 for <- V -> 690.05
 RTOR

From NORTHEAST(South Kensington Pkwy)

	Right	Thru	Left
^	2	30	36
R	0	1	1

ON LY | | |
 for <- V ->
 <- If Split Phase:N-S!!
 Use "N" or "Y": N

From WEST (Eastbound) Jones Bridge Road

	VPH	#Lanes	
Left	1125	2	--^
Thru	601	2	-->
Right	104		--v
R	CLV(W)= 596.25		

2 <= WB [receiving lanes]
 CLV (N-S)= 1067.3
 CLV (E-W)= 926.25
 SUM CLV= 1993.6 *
 LOS= F EB => 2

From EAST (Westbound) Jones Bridge Road

	#Lanes	VPH	
NB ^--	0	294	Right
<--	3	235	Thru
v--	0	59	Left
	CLV(E)= 294		

If Split Phase:E-W!!
 Use "N" or "Y": Y

Connecticut Avenue From SOUTH (Northbound)

# Lanes=	0	3	0
VPH=	0	2758	124
	Left	Thru	Right

E2,N9,K19,A13 RTOR=R
 If # Lanes=0, then
 Rights use Thru Lane
 Left Turns use Thru Lane
 MUST hit CALC-F9

Project Name: National Navy Medical Center
Intersection: Manor Road & Jones Bridge Road
Location:
Date:
Filename: P:\2080-001 NNCM\Analysis\CLVs\MPH Updates for Report\CLV-Background.xls\AM Peak (127)

Scenario Background
Peak Hour or Period AM Peak Hour (- am)

Northbound Approach Manor Road
Southbound Approach Manor Road

Split Phase (Y)es/(N)o N

Eastbound Approach Jones Bridge Road
Westbound Approach Jones Bridge Road

Split Phase (Y)es/(N)o N

Intersection CLV 728
Level of Service A

From NORTH (Southbound)
Manor Road

R	Right	Thru	Left	=VPH
^	-	-	-	
R	0	0	0	=#Lanes

 ON LY | | | CLV(N):
 for <- V -> 45
 RTOR

<- If Split Phase:N-S!!
 Use "N" or "Y": N

From WEST (Eastbound)
Jones Bridge Road

	VPH	#Lanes	
Left	-	0	--^
Thru	293	1	-->
Right	16	1	--v
R	CLV(W)= 550		

2 <= WB [receiving lanes]

CLV (N-S)= 45
 CLV (E-W)= 683
 || -----
 V SUM CLV= 728 ok
 LOS= A EB => 2

From EAST (Westbound)
Jones Bridge Road

	#Lanes	VPH	R
0	-		Right
1	683		Thru
1	257		Left
CLV(E)= 683			

If Split Phase:E-W!!
 Use "N" or "Y": N

CLV(S): (ok-under 1,525)
 0 <- ^ ->
 | | |
 # Lanes= 1 0 1
 VPH= 45 - 194

Left	Thru	Right	R
------	------	-------	---

Manor Road

E2,N9,K19,A13 RTOR=R
 If # Lanes=0, then
 Rights use Thru Lane
 Left Turns use Thru Lane
 MUST hit CALC-F9

From SOUTH (Northbound)

Project Name: National Navy Medical Center
Intersection: Manor Road & Jones Bridge Road
Location: Montgomery County
Date: 0
Filename: P:\2080-001 NNCM\Analysis\CLVs\MPH Updates for Report\CLV-Background.xls\PM Peak (127)

Scenario Background
Peak Hour or Period PM Peak Hour (- pm)
Northbound Approach Manor Road
Southbound Approach Manor Road
Eastbound Approach Jones Bridge Road
Westbound Approach Jones Bridge Road

Split Phase (Y)es/(N)o N
Split Phase (Y)es/(N)o N

Intersection CLV 823
Level of Service A

From NORTH (Southbound)
Manor Road

R	Right	Thru	Left	=VPH
^	-	-	-	
R	0	0	0	=#Lanes

ON LY | | | CLV(N):
 for <- V -> 26
 RTOR

<- If Split Phase:N-S!!
 Use "N" or "Y": N

From WEST (Eastbound)
Jones Bridge Road

	VPH	#Lanes	
Left	-	0	--^
Thru	684	1	-->
Right	22	1	--v
R	CLV(W)=	797	

2 <= WB [receiving lanes]
 ^
 ||
 NB ^--
 <--
 v--
 2 LOS= A EB => 2

From EAST (Westbound)
Jones Bridge Road

	#Lanes	VPH	R
0	-		Right
1	467		Thru
1	113		Left
	CLV(E)=	467	

If Split Phase:E-W!!
 Use "N" or "Y": N

CLV(S): (ok-under 1,525)
 0 <- ^ ->
 | | |
 # Lanes= 1 0 1
 VPH= 26 - 237
 Left Thru Right R
Manor Road
From SOUTH (Northbound)

E2,N9,K19,A13 RTOR=R
 If # Lanes=0, then
 Rights use Thru Lane
 Left Turns use Thru Lane
 MUST hit CALC-F9

Project Name: National Navy Medical Center
Intersection: Jones Mill Road & Jones Bridge Road
Location: Montgomery County
Date:
Filename: P:\2080-001 NNCMC\Analysis\CLVs\MPH Updates for Report\CLV-Background.xls\AM Peak (128)

Scenario Background
Peak Hour or Period AM Peak Hour (- am)

Northbound Approach Jones Mill Road
Southbound Approach Jones Mill Road

Split Phase (Y)es/(N)o Y

Eastbound Approach Jones Bridge Road
Westbound Approach Jones Bridge Road

Split Phase (Y)es/(N)o N

Intersection CLV 1285
Level of Service C/D

From NORTH (Southbound)
Jones Mill Road

R	Right	Thru	Left	=VPH
^	152	498	-	
R	1	1	0	=#Lanes

 ON LY | | | CLV(N):
 for <- V -> 498
 RTOR

<- If Split Phase:N-S!!
 Use "N" or "Y": Y

From WEST (Eastbound)
Jones Bridge Road

	VPH	#Lanes
Left	34	1
Thru	-	0
Right	406	1
R	CLV(W)=	0

2 <= WB [receiving lanes]
 CLV (N-S)= 1251
 CLV (E-W)= 34
 SUM CLV= 1285 ok
 LOS= C/D EB => 2

From EAST (Westbound)
Jones Bridge Road

	#Lanes	VPH	R
^--	0	-	Right
<--	0	-	Thru
v--	0	-	Left
CLV(E)=	34		

If Split Phase:E-W!!
 Use "N" or "Y": N

CLV(S): (ok-under 1,525)
 753 <- ^ ->
 | | |
 # Lanes=

1	1	0
---	---	---

 VPH=

753	92	-
Left	Thru	Right

 R

E2,N9,K19,A13 RTOR=R
 If # Lanes=0, then
 Rights use Thru Lane
 Left Turns use Thru Lane
 MUST hit CALC-F9

Jones Mill Road
From SOUTH (Northbound)

Project Name: National Navy Medical Center
Intersection: Jones Mill Road & Jones Bridge Road
Location: Montgomery County
Date: 0
Filename: P:\2080-001 NNMC\Analysis\CLVs\MPH Updates for Report\CLV-Background.xls\PM Peak (128)

Scenario Background
Peak Hour or Period PM Peak Hour (- pm)
Northbound Approach Jones Mill Road
Southbound Approach Jones Mill Road
Eastbound Approach Jones Bridge Road
Westbound Approach Jones Bridge Road

Split Phase (Y)es/(N)o Y
Split Phase (Y)es/(N)o N

Intersection CLV 878
Level of Service A

From NORTH (Southbound)
Jones Mill Road

R	Right	Thru	Left	=VPH
^	73	112	-	
R	1	1	0	=#Lanes

ON LY | | | CLV(N):
 for <- V -> 112
 RTOR

<- If Split Phase:N-S!!
 Use "N" or "Y": Y

From WEST (Eastbound)
Jones Bridge Road

	VPH	#Lanes	
Left	219	1	--^
Thru	-	0	-->
Right	600	1	--v
R	CLV(W)=	0	

2 <= WB [receiving lanes]
 CLV (N-S)= 659
 CLV (E-W)= 219
 || -----
 V SUM CLV= 878 ok
 LOS= A EB => 2

From EAST (Westbound)
Jones Bridge Road

	#Lanes	VPH	R
NB ^--	0	-	Right
<--	0	-	Thru
v--	0	-	Left
	CLV(E)=	219	

If Split Phase:E-W!!
 Use "N" or "Y": N

CLV(S): (ok-under 1,525)
 547 <- ^ ->
 | | |
 # Lanes= 1 1 0
 VPH= 547 420 -
 Left Thru Right R

Jones Mill Road
From SOUTH (Northbound)

E2,N9,K19,A13 RTOR=R
 If # Lanes=0, then
 Rights use Thru Lane
 Left Turns use Thru Lane
 MUST hit CALC-F9

Project Name: National Navy Medical Center
Intersection: Jones Mill Road & East-West Hwy.
Location: Montgomery County
Date:
Filename: P:\2080-001 NNCM\Analysis\CLVs\MPH Updates for Report\CLV-Background.xls\AM Peak (129)

Scenario Background
Peak Hour or Period AM Peak Hour (- am)

Northbound Approach Jones Mill Road
Southbound Approach Jones Mill Road

Split Phase (Y)es/(N)o N

Eastbound Approach East-West Hwy
Westbound Approach East-West Hwy

Split Phase (Y)es/(N)o N

Intersection CLV 1235
Level of Service C

From NORTH (Southbound)
Jones Mill Road

R	Right	Thru	Left	=VPH
^	54	390	127	
R		1	1	=#Lanes

 ON LY | | | CLV(N):
 for <- V -> 476
 RTOR

<- If Split Phase:N-S!!
 Use "N" or "Y": N

From WEST (Eastbound)
East-West Hwy

2 <= WB [receiving lanes]
 CLV (N-S)= 476
 CLV (E-W)= 758.82
 SUM CLV= 1234.8 ok
 LOS= C EB => 2

From EAST (Westbound)
East-West Hwy

	#Lanes	VPH	R
NB ^--	1	301	Right
<--	2	1,394	Thru
v--	1	95	Left

CLV(E)= 758.82

	VPH	#Lanes	
Left	20	1	--^
Thru	522	2	-->
Right	25		--v
R	CLV(W)= 384.91		

CLV(S): (ok-under 1,525)
 355 <- ^ ->

E2,N9,K19,A13 RTOR=R
 If # Lanes=0, then
 Rights use Thru Lane
 Left Turns use Thru Lane
 MUST hit CALC-F9

If Split Phase:E-W!!
 Use "N" or "Y": N

# Lanes=	1	1	
VPH=	32	192	36
	Left	Thru	Right

Jones Mill Road
From SOUTH (Northbound)

Project Name: National Navy Medical Center
Intersection: Jones Mill Road & East-West Hwy.
Location: Montgomery County
Date: 0
Filename: P:\2080-001 NNMC\Analysis\CLVs\MPH Updates for Report\CLV-Background.xls\PM Peak (129)

Scenario Background
Peak Hour or Period PM Peak Hour (- pm)
Northbound Approach Jones Mill Road
Southbound Approach Jones Mill Road
Eastbound Approach East-West Hwy
Westbound Approach East-West Hwy

Split Phase (Y)es/(N)o Y
Split Phase (Y)es/(N)o N

Intersection CLV 1547.5
Level of Service E

From NORTH (Southbound)
Jones Mill Road

R	Right	Thru	Left
^	15	203	237
R		1	1

 =VPH
 =#Lanes
 ON LY | | | CLV(N):
 for <- V -> 237
 RTOR

<- If Split Phase:N-S!!
 Use "N" or "Y": Y

From WEST (Eastbound)
East-West Hwy

	VPH	#Lanes
Left	161	1
Thru	1,646	2
Right	4	
R	CLV(W)= 925.5	

2 <= WB [receiving lanes]
 CLV (N-S)= 622
 CLV (E-W)= 925.5
 SUM CLV= 1547.5 *
 LOS= E EB => 2

From EAST (Westbound)
East-West Hwy

	#Lanes	VPH	R
1	210	Right	
2	719	Thru	
1	51	Left	
CLV(E)= 542.07			

If Split Phase:E-W!!
 Use "N" or "Y": N

CLV(S): *->over 1,525!!
 385 <- ^ ->
 | | |
 # Lanes=

1	1	
---	---	--

 VPH=

69	336	49
Left	Thru	Right

E2,N9,K19,A13 RTOR=R
 If # Lanes=0, then
 Rights use Thru Lane
 Left Turns use Thru Lane
 MUST hit CALC-F9

Jones Mill Road
From SOUTH (Northbound)

Project Name: National Navy Medical Center
Intersection: Rockville Pike & Woodmont Avenue
Location: Montgomery County
Date:
Filename: P:\2080-001 NNCM\Analysis\CLVs\MPH Updates for Report\CLV-Background.xls\AM Peak (111)

Scenario Background
Peak Hour or Period AM Peak Hour (- am)

Northbound Approach Rockville Pike
Southbound Approach Rockville Pike

Split Phase (Y)es/(N)o N

Eastbound Approach Woodmont Avenue
Westbound Approach Woodmont Avenue

Split Phase (Y)es/(N)o N

Intersection CLV 1073
Level of Service B

From NORTH (Southbound)
Rockville Pike

R	Right	Thru	Left	=VPH
^	951	2,299	-	
R	1	3	0	=#Lanes

 ON LY | | | CLV(N):
 for <- V -> 850.63
 RTOR

<- If Split Phase:N-S!!
 Use "N" or "Y": N

From WEST (Eastbound)
Woodmont Avenue

	VPH	#Lanes	
Left	420	2	--^
Thru	-	0	-->
Right	7	1	--v
R	CLV(W)=	7	

2 <= WB [receiving lanes]
 CLV (N-S)= 850.63
 CLV (E-W)= 222.6
 || -----
 V SUM CLV= 1073.2 ok
 LOS= B EB => 2

From EAST (Westbound)
Woodmont Avenue

	#Lanes	VPH	R
NB ^--	1	25	Right
<--	0	-	Thru
v--	0	-	Left
	CLV(E)=	222.6	

If Split Phase:E-W!!
 Use "N" or "Y": N

CLV(S): (ok-under 1,525)
 421.43 <- ^ ->
 | | |
 # Lanes= 0 3 0
 VPH= - 1,136 3

Left	Thru	Right	R
------	------	-------	---

Rockville Pike

E2,N9,K19,A13 RTOR=R
 If # Lanes=0, then
 Rights use Thru Lane
 Left Turns use Thru Lane
 MUST hit CALC-F9

From SOUTH (Northbound)

Project Name: National Navy Medical Center
Intersection: Rockville Pike & Woodmont Avenue
Location: Montgomery County
Date: 0
Filename: P:\2080-001 NNMC\Analysis\CLVs\MPH Updates for Report\CLV-Background.xls\PM Peak (111)

Scenario Background
Peak Hour or Period PM Peak Hour (- pm)

Northbound Approach Rockville Pike
Southbound Approach Rockville Pike

Split Phase (Y)es/(N)o N

Eastbound Approach Woodmont Avenue
Westbound Approach Woodmont Avenue

Split Phase (Y)es/(N)o N

Intersection CLV 1101.9
Level of Service B

From NORTH (Southbound)
Rockville Pike

R	Right	Thru	Left	=VPH
^	630	966	-	
R	1	3	0	=#Lanes

 ON LY | | | CLV(N):
 for <- V -> 371.42
 RTOR

<- If Split Phase:N-S!!
 Use "N" or "Y": N

From WEST (Eastbound)
Woodmont Avenue

2 <= WB [receiving lanes]

	VPH	#Lanes	
Left	945	2	--^
Thru	-	0	-->
Right	21	1	--v
R	CLV(W)=	0	

CLV (N-S)= 596.07
 CLV (E-W)= 505.85
 || -----
 V SUM CLV= 1101.9 ok
 LOS= B EB => 2

From EAST (Westbound)
Woodmont Avenue

	#Lanes	VPH	R
NB ^--	1	5	Right
<--	0		Thru
v--	0		Left
	CLV(E)=	505.85	

If Split Phase:E-W!!
 Use "N" or "Y": N

CLV(S): (ok-under 1,525)
 596.07 <- ^ ->
 | | |
 # Lanes= 0 3 0
 VPH= 14 1,595 2

Left	Thru	Right	R
------	------	-------	---

E2,N9,K19,A13 RTOR=R
 If # Lanes=0, then
 Rights use Thru Lane
 Left Turns use Thru Lane
 MUST hit CALC-F9

Rockville Pike
From SOUTH (Northbound)

Project Name: National Navy Medical Center
Intersection: Rockville Pike & Battery Lane
Location: Montgomery County
Date:
Filename: P:\2080-001 NNCM\Analysis\CLVs\MPH Updates for Report\CLV-Background.xls\AM Peak (112)

Scenario	Background
Peak Hour or Period	AM Peak Hour (- am)
Northbound Approach	Wisconsin Ave
Southbound Approach	Wisconsin Ave
Eastbound Approach	Battery Lane
Westbound Approach	Battery Lane

Split Phase (Y)es/(N)o	N
Split Phase (Y)es/(N)o	Y

Intersection CLV	912
Level of Service	A

From NORTH (Southbound)
Wisconsin Ave

R	Right	Thru	Left	=VPH
^	57	1,698	-	
R	0	3	0	=#Lanes

ON LY | | | CLV(N):
for <- V -> 694.35
RTOR

<- If Split Phase:N-S!!
Use "N" or "Y": N

From WEST (Eastbound)
Battery Lane

	VPH	#Lanes	
Left	182	0	--^
Thru	84	2	-->
Right	77	0	--v
R	CLV(W)= 181.79		

2 <= WB [receiving lanes]

CLV (N-S)= 694.35
CLV (E-W)= 217.79
SUM CLV= 912.14 ok
LOS= A EB =>

From EAST (Westbound)
Battery Lane

	#Lanes	VPH	R
NB ^--	1	39	Right
<--	1	17	Thru
v--	0	19	Left
	CLV(E)= 36		

If Split Phase:E-W!!
Use "N" or "Y": Y

CLV(S): (ok-under 1,525)
338.92 <- ^ ->
| | |
Lanes= 0 3 0
VPH= 45 865 6
Left Thru Right R

Wisconsin Ave
From SOUTH (Northbound)

E2,N9,K19,A13 RTOR=R
If # Lanes=0, then
Rights use Thru Lane
Left Turns use Thru Lane
MUST hit CALC-F9

Project Name: National Navy Medical Center
Intersection: Rockville Pike & Battery Lane
Location: Montgomery County
Date: 0
Filename: P:\2080-001 NNCM\Analysis\CLVs\MPH Updates for Report\CLV-Background.xls\PM Peak (112)

Scenario Background
Peak Hour or Period PM Peak Hour (- pm)
Northbound Approach Wisconsin Ave
Southbound Approach Wisconsin Ave
Eastbound Approach Battery Lane
Westbound Approach Battery Lane

Split Phase (Y)es/(N)o N
Split Phase (Y)es/(N)o Y

Intersection CLV 887.92
Level of Service A

From NORTH (Southbound)
Wisconsin Ave

R	Right	Thru	Left	=VPH
^	42	898	-	
R	0	3	0	=#Lanes

 ON LY | | | CLV(N):
 for <- V -> 457.8
 RTOR

<- If Split Phase:N-S!!
 Use "N" or "Y": N

From WEST (Eastbound)
Battery Lane

	VPH	#Lanes	
Left	175	0	--^
Thru	102	2	-->
Right	66	0	--v
R	CLV(W)=	181.79	

2 <= WB [receiving lanes]
 ^
 ||
 NB ^--
 <--
 v--
 2 LOS= A EB => 2

From EAST (Westbound)
Battery Lane

	#Lanes	VPH	R
NB ^--	1	38	Right
<--	1	47	Thru
v--	0	12	Left
	CLV(E)=	59	

If Split Phase:E-W!!
 Use "N" or "Y": Y

CLV(S): (ok-under 1,525)
 647.13 <- ^ ->
 | | |
 # Lanes= 0 3 0
 VPH= 110 1,634 5

Left	Thru	Right	R
------	------	-------	---

Wisconsin Ave
From SOUTH (Northbound)

E2,N9,K19,A13 RTOR=R
 If # Lanes=0, then
 Rights use Thru Lane
 Left Turns use Thru Lane
 MUST hit CALC-F9

Project Name: National Navy Medical Center
Intersection: Wisconsin Ave & Cordell Ave
Location: Montgomery County
Date:
Filename: P:\2080-001 NNMC\Analysis\CLVs\MPH Updates for Report\CLV-Background.xls\AM Peak (113)

Scenario Background
Peak Hour or Period AM Peak Hour (- am)

Northbound Approach Wisconsin Ave
Southbound Approach Wisconsin Ave

Split Phase (Y)es/(N)o N

Eastbound Approach Cordell Ave
Westbound Approach Cordell Ave

Split Phase (Y)es/(N)o N

Intersection CLV 805
Level of Service A

From NORTH (Southbound)
Wisconsin Ave

R	Right	Thru	Left	=VPH
^	81	1,783	-	
R	0	3	0	=#Lanes

 ON LY | | | CLV(N):
 for <- V -> 690.68
 RTOR

<- If Split Phase:N-S!!
 Use "N" or "Y": N

From WEST (Eastbound)
Cordell Ave

2 <= WB [receiving lanes]
 CLV (N-S)= 690.68
 CLV (E-W)= 114
 SUM CLV= 804.68 ok
 LOS= A EB => 2

	VPH	#Lanes	
Left	114	0	--^
Thru	-	2	-->
Right	28	0	--v
CLV(W)=		75.26	

From EAST (Westbound)
Cordell Ave

	#Lanes	VPH	R
NB ^--	0	-	Right
<--	0	-	Thru
v--	0	-	Left
CLV(E)=		114	

If Split Phase:E-W!!
 Use "N" or "Y": N

CLV(S): (ok-under 1,525)
 312.65 <- ^ ->
 | | |
 # Lanes= 0 3 0
 VPH= 1 844 -

Left	Thru	Right	R
------	------	-------	---

Wisconsin Ave
From SOUTH (Northbound)

E2,N9,K19,A13 RTOR=R
 If # Lanes=0, then
 Rights use Thru Lane
 Left Turns use Thru Lane
 MUST hit CALC-F9

Project Name: National Navy Medical Center
Intersection: Wisconsin Ave & Cordell Ave
Location: Montgomery County
Date: 0
Filename: P:\2080-001 NNCM\Analysis\CLVs\MPH Updates for Report\CLV-Background.xls\PM Peak (113)

Scenario Background
Peak Hour or Period PM Peak Hour (- pm)
Northbound Approach Wisconsin Ave
Southbound Approach Wisconsin Ave
Eastbound Approach Cordell Ave
Westbound Approach Cordell Ave

Split Phase (Y)es/(N)o N
Split Phase (Y)es/(N)o N

Intersection CLV 730.17
Level of Service A

From NORTH (Southbound)
Wisconsin Ave

R	Right	Thru	Left	=VPH
^	85	1,009	-	
R	0	3	0	=#Lanes

 ON LY | | | CLV(N):
 for <- V -> 426.78
 RTOR

<- If Split Phase:N-S!!
 Use "N" or "Y": N

From WEST (Eastbound)
Cordell Ave

	VPH	#Lanes	
Left	160	0	--^
Thru	-	2	-->
Right	40	0	--v
CLV(W)=		106	

2 <= WB [receiving lanes]
 CLV (N-S)= 570.17
 CLV (E-W)= 160
 || -----
 V SUM CLV= 730.17 ok
 2 LOS= A EB => 2

From EAST (Westbound)
Cordell Ave

	#Lanes	VPH	R
NB ^--	0	-	Right
<--	0	-	Thru
v--	0	-	Left
CLV(E)=		160	

If Split Phase:E-W!!
 Use "N" or "Y": N

CLV(S): (ok-under 1,525)
 570.17 <- ^ ->
 | | |
 # Lanes= 0 3 0
 VPH= 22 1,519 -

Left	Thru	Right	R
------	------	-------	---

Wisconsin Ave
From SOUTH (Northbound)

E2,N9,K19,A13 RTOR=R
 If # Lanes=0, then
 Rights use Thru Lane
 Left Turns use Thru Lane
 MUST hit CALC-F9

Project Name: National Navy Medical Center
Intersection: Rockville Pike & Cheltenham Drive
Location: Montgomery County
Date:
Filename: P:\2080-001 NNCM\Analysis\CLVs\MPH Updates for Report\CLV-Background.xls\AM Peak (114)

Scenario Background
Peak Hour or Period AM Peak Hour (- am)

Northbound Approach Wisconsin Ave
Southbound Approach Wisconsin Ave

Split Phase (Y)es/(N)o N

Eastbound Approach Cheltenham Dr.
Westbound Approach Cheltenham Dr.

Split Phase (Y)es/(N)o N

Intersection CLV 907
Level of Service A

From NORTH (Southbound)
Wisconsin Ave

R	Right	Thru	Left	=VPH
^	56	1,632	7	
R	0	3	0	=#Lanes

 ON LY | | | CLV(N):
 for <- V -> 685.15
 RTOR

<- If Split Phase:N-S!!
 Use "N" or "Y": N

From WEST (Eastbound)
Cheltenham Dr.

2 <= WB [receiving lanes]
 CLV (N-S)= 685.15
 CLV (E-W)= 222
 SUM CLV= 907.15 ok
 LOS= A EB => 2

	VPH	#Lanes	--^
Left	64	1	SB
Thru	99	1	-->
Right	66	0	--v
R	CLV(W)= 222		

From EAST (Westbound)
Cheltenham Dr.

	#Lanes	VPH	R
NB ^--	0	33	Right
<--	1	71	Thru
v--	1	57	Left
	CLV(E)= 168		

If Split Phase:E-W!!
 Use "N" or "Y": N

CLV(S): (ok-under 1,525)
 318.54 <- ^ ->
 | | |
 # Lanes= 0 3 0
 VPH= 58 733 51

Left	Thru	Right	R
------	------	-------	---

Wisconsin Ave
From SOUTH (Northbound)

E2,N9,K19,A13 RTOR=R
 If # Lanes=0, then
 Rights use Thru Lane
 Left Turns use Thru Lane
 MUST hit CALC-F9

Project Name: National Navy Medical Center
Intersection: Rockville Pike & Cheltenham Drive
Location: Montgomery County
Date: 0
Filename: P:\2080-001 NNCMC\Analysis\CLVs\MPH Updates for Report\CLV-Background.xls\PM Peak (114)

Scenario Background
Peak Hour or Period PM Peak Hour (- pm)
Northbound Approach Wisconsin Ave
Southbound Approach Wisconsin Ave
Eastbound Approach Cheltenham Dr.
Westbound Approach Cheltenham Dr.

Split Phase (Y)es/(N)o N
Split Phase (Y)es/(N)o N

Intersection CLV 699.64
Level of Service A

From NORTH (Southbound)
Wisconsin Ave

R	Right	Thru	Left	=VPH
^	21	956	4	
R	0	3	0	=#Lanes

 ON LY | | | CLV(N):
 for <- V -> 429.97
 RTOR

<- If Split Phase:N-S!!
 Use "N" or "Y": N

From WEST (Eastbound)
Cheltenham Dr.

	VPH	#Lanes	
Left	70	1	--^
Thru	66	1	-->
Right	55	0	--v
R	CLV(W)=	181	

2 <= WB [receiving lanes]
 CLV (N-S)= 474.64
 CLV (E-W)= 225
 || -----
 V SUM CLV= 699.64 ok
 LOS= A EB => 2

From EAST (Westbound)
Cheltenham Dr.

	#Lanes	VPH	R
NB ^--	0	35	Right
<--	1	120	Thru
v--	1	60	Left
	CLV(E)=	225	

If Split Phase:E-W!!
 Use "N" or "Y": N

CLV(S): (ok-under 1,525)
 474.64 <- ^ ->
 | | |
 # Lanes= 0 3 0
 VPH= 67 1,170 35

Left	Thru	Right	R
------	------	-------	---

Wisconsin Ave
From SOUTH (Northbound)

E2,N9,K19,A13 RTOR=R
 If # Lanes=0, then
 Rights use Thru Lane
 Left Turns use Thru Lane
 MUST hit CALC-F9

Project Name: National Navy Medical Center
Intersection: Woodmont Avenue & Battery Lane
Location: Montgomery County
Date:
Filename: P:\2080-001 NNMC\Analysis\CLVs\MPH Updates for Report\CLV-Background.xls\AM Peak (117)

Scenario Background
Peak Hour or Period AM Peak Hour (- am)

Northbound Approach Woodmont Ave
Southbound Approach Woodmont Ave

Split Phase (Y)es/(N)o N

Eastbound Approach Battery Lane
Westbound Approach Battery Lane

Split Phase (Y)es/(N)o N

Intersection CLV 776
Level of Service A

From NORTH (Southbound)
Woodmont Ave

R	Right	Thru	Left	=VPH
^	113	826	42	
R	0	2	1	=#Lanes

 ON LY | | | CLV(N):
 for <- V -> 537.67
 RTOR

<- If Split Phase:N-S!!
 Use "N" or "Y": N

From WEST (Eastbound)
Battery Lane

2 <= WB [receiving lanes]
 CLV (N-S)= 537.67
 CLV (E-W)= 238.81
 SUM CLV= 776.48 ok
 LOS= A EB => 2

From EAST (Westbound)
Battery Lane

	#Lanes	VPH	R
NB ^--	0	6	Right
<--	2	68	Thru
v--	0	39	Left

CLV(E)= 130.89

	VPH	#Lanes	
Left	71	0	--^
Thru	194	2	-->
Right	112	0	--v

R CLV(W)= 238.81

CLV(S): (ok-under 1,525)
 157.01 <- ^ ->
 | | |

E2,N9,K19,A13 RTOR=R
 If # Lanes=0, then
 Rights use Thru Lane
 Left Turns use Thru Lane
 MUST hit CALC-F9

If Split Phase:E-W!!
 Use "N" or "Y": N

# Lanes=	1	2	0
VPH=	40	170	47
	Left	Thru	Right

R

Woodmont Ave
From SOUTH (Northbound)

Project Name: National Navy Medical Center
Intersection: Woodmont Avenue & Battery Lane
Location: Montgomery County
Date: 0
Filename: P:\2080-001 NNCMC\Analysis\CLVs\MPH Updates for Report\CLV-Background.xls\PM Peak (117)

Scenario Background
Peak Hour or Period PM Peak Hour (- pm)
Northbound Approach Woodmont Ave
Southbound Approach Woodmont Ave
Eastbound Approach Battery Lane
Westbound Approach Battery Lane

Split Phase (Y)es/(N)o N
Split Phase (Y)es/(N)o Y

Intersection CLV 622.98
Level of Service A

From NORTH (Southbound)
Woodmont Ave

R	Right	Thru	Left	=VPH
^	127	443	58	
R	0	2	1	=#Lanes

 ON LY | | | CLV(N):
 for <- V -> 378.1
 RTOR

<- If Split Phase:N-S!!
 Use "N" or "Y": N

From WEST (Eastbound)
Battery Lane

	VPH	#Lanes	
Left	81	0	--^
Thru	153	2	-->
Right	67	0	--v
R	CLV(W)= 159.53		

2 <= WB [receiving lanes]
 CLV (N-S)= 384.48
 CLV (E-W)= 238.5
 || -----
 V SUM CLV= 622.98 ok
 LOS= A EB => 2

From EAST (Westbound)
Battery Lane

	#Lanes	VPH	R
NB ^--	0	22	Right
<--	2	85	Thru
v--	0	42	Left
	CLV(E)= 78.97		

If Split Phase:E-W!!
 Use "N" or "Y": Y

CLV(S): (ok-under 1,525)
 384.48 <- ^ ->
 | | |
 # Lanes=

1	2	0
---	---	---

 VPH=

76	556	60
Left	Thru	Right

 R
Woodmont Ave
From SOUTH (Northbound)

E2,N9,K19,A13 RTOR=R
 If # Lanes=0, then
 Rights use Thru Lane
 Left Turns use Thru Lane
 MUST hit CALC-F9

Project Name: National Navy Medical Center
Intersection: Woodmont Avenue and Cordell Avenue
Location: Montgomery County
Date:
Filename: P:\2080-001 NNMC\Analysis\CLVs\MPH Updates for Report\CLV-Background.xls\AM Peak (118)

Scenario Background
Peak Hour or Period AM Peak Hour (- am)

Northbound Approach Woodmont Ave
Southbound Approach Woodmont Ave

Split Phase (Y)es/(N)o N

Eastbound Approach Cordell
Westbound Approach Cordell

Split Phase (Y)es/(N)o N

Intersection CLV 583
Level of Service A

From NORTH (Southbound)
Woodmont Ave

R	Right	Thru	Left	=VPH
^	70	816	48	
R	0	2	1	=#Lanes

ON LY | | | CLV(N):
 for <- V -> 473.58
 RTOR

<- If Split Phase:N-S!!
 Use "N" or "Y": N

From WEST (Eastbound)
Cordell

	VPH	#Lanes	
Left	23	0	--^
Thru	43	1	-->
Right	16	0	--v
R	CLV(W)= 109		

2 <= WB [receiving lanes]
 ^
 ||
 NB ^--
 <--
 v--
 CLV(N-S)= 473.58
 CLV (E-W)= 109
 SUM CLV= 582.58 ok
 LOS= A EB => 2

From EAST (Westbound)
Cordell

	#Lanes	VPH	R
0	13	Right	
1	27	Thru	
0	27	Left	
CLV(E)= 90			

If Split Phase:E-W!!
 Use "N" or "Y": N

CLV(S): (ok-under 1,525)
 161.95 <- ^ ->
 | | |
 # Lanes= 1 2 0
 VPH= 4 161 54
 Left Thru Right R

Woodmont Ave
From SOUTH (Northbound)

E2,N9,K19,A13 RTOR=R
 If # Lanes=0, then
 Rights use Thru Lane
 Left Turns use Thru Lane
 MUST hit CALC-F9

Project Name: National Navy Medical Center
Intersection: Woodmont Avenue and Cordell Avenue
Location: Montgomery County
Date: 0
Filename: P:\2080-001 NNCM\Analysis\CLVs\MPH Updates for Report\CLV-Background.xls\PM Peak (118)

Scenario Background
Peak Hour or Period PM Peak Hour (- pm)
Northbound Approach Woodmont Ave
Southbound Approach Woodmont Ave
Eastbound Approach Cordell
Westbound Approach Cordell

Split Phase (Y)es/(N)o N
Split Phase (Y)es/(N)o N

Intersection CLV 531.48
Level of Service A

From NORTH (Southbound)
Woodmont Ave

R	Right	Thru	Left	=VPH
^	147	469	55	
R	0	2	1	=#Lanes

 ON LY | | | CLV(N):
 for <- V -> 348.48
 RTOR

<- If Split Phase:N-S!!
 Use "N" or "Y": N

From WEST (Eastbound)
Cordell

	VPH	#Lanes
Left	69	0
Thru	64	1
Right	24	0
R	CLV(W)= 183	

2 <= WB [receiving lanes]
 ^
 ||
 NB
 CLV (N-S)= 348.48
 CLV (E-W)= 183
 SUM CLV= 531.48 ok
 LOS= A EB => 2

From EAST (Westbound)
Cordell

	#Lanes	VPH	R
0	41	Right	
1	40	Thru	
0	26	Left	
CLV(E)= 176			

If Split Phase:E-W!!
 Use "N" or "Y": N

CLV(S): (ok-under 1,525)
 340.14 <- ^ ->
 | | |
 # Lanes= 1 2 0
 VPH= 22 430 108

Left	Thru	Right
------	------	-------

Woodmont Ave
From SOUTH (Northbound)

E2,N9,K19,A13 RTOR=R
 If # Lanes=0, then
 Rights use Thru Lane
 Left Turns use Thru Lane
 MUST hit CALC-F9

Project Name: National Navy Medical Center
Intersection: Woodmont Avenue & St. Elmo
Location: Montgomery County
Date:
Filename: P:\2080-001 NNCM\Analysis\CLVs\MPH Updates for Report\CLV-Background.xls\AM Peak (119)

Scenario Background
Peak Hour or Period AM Peak Hour (- am)

Northbound Approach Woodmont Ave
Southbound Approach Woodmont Ave

Split Phase (Y)es/(N)o N

Eastbound Approach St. Elmo
Westbound Approach St. Elmo

Split Phase (Y)es/(N)o N

Intersection CLV 603
Level of Service A

From NORTH (Southbound)
Woodmont Ave

R	Right	Thru	Left	=VPH
^	248	625	6	
R	0	2	0	=#Lanes

ON LY | | | CLV(N):
 for <- V -> 481.87
 RTOR

<- If Split Phase:N-S!!
 Use "N" or "Y": N

From WEST (Eastbound) 2 <= WB [receiving lanes]

St. Elmo

	VPH	#Lanes	
Left	82	0	--^
Thru	5	1	-->
Right	34		--v
R	CLV(W)=	121	

From EAST (Westbound) 2

St. Elmo

	#Lanes	VPH	R
NB ^--	0	-	Right
<--	0	-	Thru
v--	0	-	Left
	CLV(E)=	82	

If Split Phase:E-W!!
 Use "N" or "Y": N

CLV(S): (ok-under 1,525)
 69.6 <- ^ ->
 | | |
 # Lanes= 1 2 0
 VPH= 16 120 -

Left	Thru	Right	R
------	------	-------	---

Woodmont Ave
From SOUTH (Northbound)

E2,N9,K19,A13 RTOR=R
 If # Lanes=0, then
 Rights use Thru Lane
 Left Turns use Thru Lane
 MUST hit CALC-F9

Project Name: National Navy Medical Center
Intersection: Woodmont Avenue & St. Elmo
Location: Montgomery County
Date: 0
Filename: P:\2080-001 NNCM\Analysis\CLVs\MPH Updates for Report\CLV-Background.xls\PM Peak (119)

Scenario Background
Peak Hour or Period PM Peak Hour (- pm)
Northbound Approach Woodmont Ave
Southbound Approach Woodmont Ave
Eastbound Approach St. Elmo
Westbound Approach St. Elmo

Split Phase (Y)es/(N)o N
Split Phase (Y)es/(N)o N

Intersection CLV 572.54
Level of Service A

From NORTH (Southbound)
Woodmont Ave

R	Right	Thru	Left	=VPH
^	148	369	1	
R	0	2	0	=#Lanes

ON LY | | | CLV(N):
 for <- V -> 305.54
 RTOR

<- If Split Phase:N-S!!
 Use "N" or "Y": N

From WEST (Eastbound)
St. Elmo

	VPH	#Lanes	
Left	240	0	--^
Thru	2	1	-->
Right	25		--v
R	CLV(W)=	267	

2 <= WB [receiving lanes]
 CLV (N-S)= 305.54
 CLV (E-W)= 267
 SUM CLV= 572.54 ok
 LOS= A EB => 2

From EAST (Westbound)
St. Elmo

	#Lanes	VPH	R
NB ^--	0	-	Right
<--	0	-	Thru
v--	0	-	Left
	CLV(E)=	240	

If Split Phase:E-W!!
 Use "N" or "Y": N

CLV(S): (ok-under 1,525)
 182.26 <- ^ ->
 | | |
 # Lanes= 1 2 0
 VPH= 31 342 -
 Left Thru Right R

Woodmont Ave
From SOUTH (Northbound)

E2,N9,K19,A13 RTOR=R
 If # Lanes=0, then
 Rights use Thru Lane
 Left Turns use Thru Lane
 MUST hit CALC-F9

Project Name: National Navy Medical Center
Intersection: Woodmont Avenue and Cheltenham Drive
Location: Montgomery County
Date:
Filename: P:\2080-001 NNMC\Analysis\CLVs\MPH Updates for Report\CLV-Background.xls\AM Peak (120)

Scenario Background
Peak Hour or Period AM Peak Hour (- am)

Northbound Approach Woodmont Ave
Southbound Approach Woodmont Ave

Split Phase (Y)es/(N)o N

Eastbound Approach Cheltenham Dr.
Westbound Approach Cheltenham Dr.

Split Phase (Y)es/(N)o N

Intersection CLV 819
Level of Service A

From NORTH (Southbound)
Woodmont Ave

R	Right	Thru	Left	=VPH
^	-	514	64	
R	0	1	1	=#Lanes

 ON LY | | | CLV(N):
 for <- V -> 531
 RTOR

<- If Split Phase:N-S!!
 Use "N" or "Y": N

From WEST (Eastbound)
Cheltenham Dr.

	VPH	#Lanes	
Left	21	0	--^
Thru	85	1	-->
Right	97	0	--v
R	CLV(W)=	288	

2 <= WB [receiving lanes]
 CLV (N-S)= 531
 CLV (E-W)= 288
 || -----
 V SUM CLV= 819 ok
 LOS= A EB => 2

From EAST (Westbound)
Cheltenham Dr.

	#Lanes	VPH	R
NB ^--	0	27	Right
<--	1	62	Thru
v--	0	85	Left
	CLV(E)=	195	

If Split Phase:E-W!!
 Use "N" or "Y": N

CLV(S): (ok-under 1,525)
 230 <- ^ ->
 | | |
 # Lanes= 1 1 0
 VPH= 17 98 68

Left	Thru	Right	R
------	------	-------	---

E2,N9,K19,A13 RTOR=R
 If # Lanes=0, then
 Rights use Thru Lane
 Left Turns use Thru Lane
 MUST hit CALC-F9

Woodmont Ave
From SOUTH (Northbound)

Project Name: National Navy Medical Center
Intersection: Woodmont Avenue and Cheltenham Drive
Location: Montgomery County
Date: 0
Filename: P:\2080-001 NNCM\Analysis\CLVs\MPH Updates for Report\CLV-Background.xls\PM Peak (120)

Scenario Background
Peak Hour or Period PM Peak Hour (- pm)
Northbound Approach Woodmont Ave
Southbound Approach Woodmont Ave
Eastbound Approach Cheltenham Dr.
Westbound Approach Cheltenham Dr.

Split Phase (Y)es/(N)o N
Split Phase (Y)es/(N)o N

Intersection CLV 720
Level of Service A

From NORTH (Southbound)
Woodmont Ave

R	Right	Thru	Left	=VPH
^	36	311	44	
R	0	1	1	=#Lanes

 ON LY | | | CLV(N):
 for <- V -> 387
 RTOR

<- If Split Phase:N-S!!
 Use "N" or "Y": N

From WEST (Eastbound)
Cheltenham Dr.

	VPH	#Lanes	
Left	37	0	--^
Thru	78	1	-->
Right	115	0	--v
R	CLV(W)=	305	

2 <= WB [receiving lanes]
 CLV (N-S)= 396
 CLV (E-W)= 324
 || -----
 V SUM CLV= 720 ok
 LOS= A EB => 2

From EAST (Westbound)
Cheltenham Dr.

	#Lanes	VPH	R
NB ^--	0	65	Right
<--	1	147	Thru
v--	0	75	Left
	CLV(E)=	324	

If Split Phase:E-W!!
 Use "N" or "Y": N

CLV(S): (ok-under 1,525)
 396 <- ^ ->
 | | |
 # Lanes=

1	1	0
---	---	---

 VPH=

40	276	76
Left	Thru	Right

 R
Woodmont Ave
From SOUTH (Northbound)

E2,N9,K19,A13 RTOR=R
 If # Lanes=0, then
 Rights use Thru Lane
 Left Turns use Thru Lane
 MUST hit CALC-F9