

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\CLV2 Existing.xls\AM Peak (11)

Scenario Existing
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 1216
Level of Service C

From NORTH (Southbound)
Rockville Pike

R	Right	Thru	Left	=VPH
^		1809	264	
R		3	1	=#Lanes

ON LY | | | CLV(N):
 for <- V -> 757.33
 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	252	1
R	CLV(W)= 302.66	

2 <= WB [receiving lanes]
 CLV (N-S)= 843.05
 CLV (E-W)= 372.62
 SUM CLV= 1215.67 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)
 843.05 <- ^ ->
 | | |
 # Lanes=

1	3	0
88	1484	81
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 (North)
Location: Montgomery County
Date: 0
Filename: P:\2080-001 NNMC\Analysis\CLVs\MPH Updates for Report\CLV2 Existing.xls\PM Peak (11)

Scenario	Existing		
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	Tuckerman (north)	Split Phase (Y)es/(N)o	Y
Westbound Approach	Tuckerman (north)		

Intersection CLV 1254.5
Level of Service C

From NORTH (Southbound)
Rockville Pike

R	Right	Thru	Left	=VPH
^		1578	168	
R		3	1	=#Lanes

ON LY | | | CLV(N):
 for <- V -> 769.86
 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	139	1
R	CLV(W)= 254.56	

2 <= WB [receiving lanes]

CLV (N-S)= 835.11
 CLV (E-W)= 419.39
 SUM CLV= 1254.5 ok
 LOS= C EB => **2**

From EAST (Westbound)
Tuckerman (north)

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

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

CLV(S): (ok-under 1,525)
 835.11 <- ^ ->
 | | |
 # Lanes=

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

 VPH=

186	1782	21
-----	------	----

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:
Filename: P:\2080-001 NNMC\Analysis\CLVs\MPH Updates for Report\CLV2 Existing.xls\AM Peak (13)

Scenario Existing
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 1017
Level of Service A/B

From NORTH (Southbound)
Rockville Pike

R	Right	Thru	Left	=VPH
^	0	2231	4	
R	0	3	1	=#Lanes
ON LY				CLV(N):
for	<-	V	->	825.47
RTOR				

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

From WEST (Eastbound)
Tuckerman (south)

	VPH	#Lanes
Left	0	0
Thru	0	0
Right	0	0
R	CLV(W)= 191.33	

2 <= WB [receiving lanes]
 CLV (N-S)= 825.47
 CLV (E-W)= 191.33
 SUM CLV= 1016.8 ok
 LOS= A/B EB => 2

From EAST (Westbound)
Tuckerman (south)

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

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

CLV(S): (ok-under 1,525)
 559.74 <- ^ ->
 | | |
 # Lanes= 0 3
 VPH= 0 1502

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 & Tuckerman (South)
Location: Montgomery County
Date: 0
Filename: P:\2080-001 NNMC\Analysis\CLVs\MPH Updates for Report\CLV2 Existing.xls\PM Peak (I3)

Scenario	Existing		
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	Tuckerman (south)	Split Phase (Y)es/(N)o	N
Westbound Approach	Tuckerman (south)		

Intersection CLV 965.4
Level of Service A

From NORTH (Southbound)
Rockville Pike

R	Right	Thru	Left	=VPH
^	0	1877	10	
R	0	3	1	=#Lanes

ON LY | | | CLV(N):
 for <- V -> 694.49
 RTOR

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

From WEST (Eastbound)
Tuckerman (south)

	VPH	#Lanes
Left	0	0
Thru	0	0
Right	0	0
R	CLV(W)= 120.31	

2 <= WB [receiving lanes]

CLV (N-S)= 845.09
 CLV (E-W)= 120.31
 SUM CLV= 965.4 ok
 LOS= A EB =>

2 **From EAST (Westbound)**
Tuckerman (south)

	#Lanes	VPH	R
NB ^--	1	6	Right
<--	0	0	Thru
v--	2	227	Left
2	CLV(E)= 0		

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

CLV(S): (ok-under 1,525)
 845.09 <- ^ ->

# Lanes=	0	3	
VPH=	0	2257	
	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: Rockville Pike & Grosvenor Lane
Location: Montgomery County
Date:
Filename: P:\2080-001 NNMC\Analysis\CLVs\MPH Updates for Report\CLV2 Existing.xls\AM Peak (12)

Scenario Existing
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 Grosvenor Lane

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

Intersection CLV 1256
Level of Service C

From NORTH (Southbound)
Rockville Pike

R	Right	Thru	Left	=VPH
^	229	2329	0	
R	1	3	0	=#Lanes
ON LY				CLV(N):
for	<-	V	->	861.73
RTOR				

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

From WEST (Eastbound)
Grosvenor Lane

	VPH	#Lanes	
Left	140	2	--^
Thru	0	0	-->
Right		0	--v
R	CLV(W)= 393.79		

2 <= WB [receiving lanes]
 CLV (N-S)= 861.73
 CLV (E-W)= 393.79
 || -----
 V SUM CLV= 1255.52 ok
 LOS= C EB => 2

From EAST (Westbound)
Grosvenor Lane

	#Lanes	VPH	R
NB			^--
	1	187	Thru
	2	743	Left
	CLV(E)= 261.2		

CLV(S): (ok-under 1,525)
 476.19 <- ^ ->
 | | |
 # Lanes= 0 3 1
 VPH= 0 1287 1
 Left Thru Right R

Rockville Pike
From SOUTH (Northbound)

	0	3	1
	0	1287	1
	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

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

Project Name: National Navy Medical Center
Intersection: Rockville Pike & Grosvenor Lane
Location: Montgomery County
Date: 0
Filename: P:\2080-001 NNMC\Analysis\CLVs\MPH Updates for Report\CLV2 Existing.xls\PM Peak (12)

Scenario Existing
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 Grosvenor Lane **Split Phase (Y)es/(N)o** N
Westbound Approach Grosvenor Lane

Intersection CLV 1001.8
Level of Service A/B

From NORTH (Southbound)
Rockville Pike

R	Right	Thru	Left	=VPH
^	172	1938	0	
R	1	3	0	=#Lanes
ON LY				CLV(N):
for	<-	V	->	717.06
RTOR				

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

From WEST (Eastbound)
Grosvenor Lane

	VPH	#Lanes	
Left	158	2	--^
Thru	0	0	-->
Right			--v
R	CLV(W)= 135.68		

2 <= WB [receiving lanes]
 CLV (N-S)= 717.06
 CLV (E-W)= 284.74
 SUM CLV= 1001.8 ok
 LOS= A/B EB => 2

From EAST (Westbound)
Grosvenor Lane

	#Lanes	VPH	R
NB			Right
<--	1	201	Thru
v--	2	256	Left
	CLV(E)= 284.74		

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

CLV(S): (ok-under 1,525)
 711.14 <- ^ ->
 | | |
 # Lanes= 0 3 1
 VPH= 0 1922 0

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 NNMC\Analysis\CLVs\MPH Updates for Report\CLV2 Existing.xls\AM Peak (14)

Scenario Existing
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 1489
Level of Service E

From NORTH (Southbound)
Rockville Pike

	Right	Thru	Left	
^	129	3317	0	=VPH
R	1	3	0	=#Lanes

ON LY | | | CLV(N):
for <- V -> 1297.3
RTOR

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

From WEST (Eastbound)
Pooks Hill Road

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

2 <= WB [receiving lanes]
CLV (N-S)= 1297.29
CLV (E-W)= 191.86
SUM CLV= 1489.15 ok
LOS= E EB => 2

From EAST (Westbound)
Pooks Hill Road

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

CLV(S): (ok-under 1,525)
584.23 <- ^ ->
| | |
Lanes= 1 3 0
VPH= 70 1579 0
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

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

Project Name: National Navy Medical Center
Intersection: Rockville Pike & Pooks Hill Road
Location: Montgomery County
Date: 0
Filename: P:\2080-001 NNMC\Analysis\CLVs\MPH Updates for Report\CLV2 Existing.xls\PM Peak (14)

Scenario	Existing		
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	Pooks Hill Road	Split Phase (Y)es/(N)o	N
Westbound Approach	Pooks Hill Road		

Intersection CLV **1348.12**
Level of Service **D**

From NORTH (Southbound)
Rockville Pike

	Right	Thru	Left	
^	384	2738	3	=VPH
R	1	3	0	=#Lanes

ON LY | | | CLV(N):
 for <- V -> 1085.2
 RTOR

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

From WEST (Eastbound)
Pooks Hill Road

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

2 <= WB [receiving lanes]

CLV (N-S)= 1147.78
 CLV (E-W)= 200.34
 SUM CLV= 1348.12 ok
 LOS= D EB => 2

From EAST (Westbound)
Pooks Hill Road

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

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

CLV(S): (ok-under 1,525)
1147.78 <- ^ ->

# Lanes=	1	3	0
VPH=	71	3094	0
	Left	Thru	Right

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:
Filename: P:\2080-001 NNMC\Analysis\CLVs\MPH Updates for Report\CLV2 Existing.xls\AM Peak (15)

Scenario Existing
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 1771
Level of Service F

From NORTH (Southbound)
Rockville Pike

R	Right	Thru	Left	
^		3028	184	=VPH
R		3	1	=#Lanes

ON LY | | | CLV(N):
 for <- V -> 1126.4
 RTOR

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

From WEST (Eastbound)
West Cedar Lane

	VPH	#Lanes	
Left	73	0	--^
Thru	306	3	-->
Right	100		--v
R	CLV(W)= 177.23		

2 <= WB [receiving lanes]
 CLV (N-S)= 1126.36
 CLV (E-W)= 644.91
 || -----
 V SUM CLV= 1771.27 *
3 LOS= F EB => **2**

3 **From EAST (Westbound)**
West Cedar Lane

	#Lanes	VPH	R
NB ^--	0	143	Right
<--	3	377	Thru
v--	0	744	Left
	CLV(E)= 467.68		

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

CLV(S): *->over 1,525!!
 803.01 <- ^ ->
 | | |
 # Lanes=

1	3	
---	---	--

 VPH=

6	1560	113
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 & West Cedar Lane
Location: Montgomery County
Date: 0
Filename: P:\2080-001 NNMC\Analysis\CLVs\MPH Updates for Report\CLV2 Existing.xls\PM Peak (15)

Scenario Existing
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 West Cedar Lane **Split Phase (Y)es/(N)o** Y
Westbound Approach West Cedar Lane

Intersection CLV 1850.26
Level of Service F

From NORTH (Southbound)
Rockville Pike

R	Right	Thru	Left	
^		1697	149	=VPH
R		3	1	=#Lanes

ON LY | | | CLV(N):
 for <- V -> 734.89
 RTOR

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

From WEST (Eastbound)
West Cedar Lane

	VPH	#Lanes	
Left	228	0	--^
Thru	747	3	-->
Right			--v
R	CLV(W)= 360.75		

2 <= WB [receiving lanes]
 CLV (N-S)= 1351.5
 CLV (E-W)= 498.76
 SB || -----
 V SUM CLV= 1850.26 *
 LOS= F EB => 2

From EAST (Westbound)
West Cedar Lane

#Lanes	VPH	R	
0	77	Right	NB ^--
3	165	Thru	<--
0	131	Left	v--
CLV(E)= 138.01			

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

CLV(S): *->over 1,525!!
 1351.5 <- ^ ->
 | | |
 # Lanes= 1 3
 VPH= 107 2867 383

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: Old Georgetown Road & West Cedar Lane
Location: Montgomery County
Date:
Filename: P:\2080-001 NNMC\Analysis\CLVs\MPH Updates for Report\CLV2 Existing.xls\AM Peak (122)

Scenario Existing
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 1189
Level of Service C

From NORTH (Southbound)
Old Georgetown Rd.

R	Right	Thru	Left	=VPH
^	20	2328	174	
R	0	3	1	=#Lanes
ON LY				CLV(N):
for	<-	V	->	877.76
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)= 311		

2 <= WB [receiving lanes]

CLV (N-S)= 877.76
CLV (E-W)= 311

SUM CLV= 1188.76 ok
LOS= C EB =>

From EAST (Westbound)
West Cedar Lane

	#Lanes	VPH	R
NB ^--	0	68	Right
<--	1	22	Thru
v--	1	226	Left
	CLV(E)= 120		

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

CLV(S): (ok-under 1,525)
575.82 <- ^ ->

# Lanes=	1	3	0
VPH=	9	886	200
	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 NNMC\Analysis\CLVs\MPH Updates for Report\CLV2 Existing.xls\PM Peak (122)

Scenario Existing
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 1495.89
Level of Service E

From NORTH (Southbound)
Old Georgetown Rd.

R	Right	Thru	Left	
^	44	1238	343	=VPH
R	0	3	1	=#Lanes
ON LY				CLV(N):
for	<-	V	->	523.34
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	--v
R	CLV(W)= 266		

2 <= WB [receiving lanes]
 CLV (N-S)= 1229.89
 CLV (E-W)= 266
 || -----
 V SUM CLV= 1495.89 ok
 2 LOS= E EB => 2

From EAST (Westbound)
West Cedar Lane

	#Lanes	VPH	R
NB ^--	0	153	Right
<--	1	44	Thru
v--	1	166	Left
2	CLV(E)= 227		

CLV(S): (ok-under 1,525)
 1229.89 <- ^ ->
 | | |
 # Lanes= 1 3 0
 VPH= 49 1992 405
 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

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

Project Name: National Navy Medical Center
Intersection: West Drive & West Cedar Lane
Location: Montgomery County
Date:
Filename: P:\2080-001 NNMC\Analysis\CLVs\MPH Updates for Report\CLV2 Existing.xls\AM Peak (I21)

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

Northbound Approach West Dr.
Southbound Approach West Dr.

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 448
Level of Service A

From NORTH (Southbound)
West Dr.

R	Right	Thru	Left	=VPH
^	12	0	13	
R	0	1	0	=#Lanes
ON LY				CLV(N):
for	<-	V	->	25
RTOR				

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

From WEST (Eastbound)
West Cedar Lane

	VPH	#Lanes	
Left	8	0	--^
Thru	431	2	-->
Right	16	0	--v
R	CLV(W)= 258.15		

From EAST (Westbound)
West Cedar Lane

	CLV (N-S)=	25
SB	CLV (E-W)=	423

V	SUM CLV=	448 ok
2	LOS=	A
	EB =>	2

	#Lanes	VPH	R
NB ^--	0	18	Right
<--	1	397	Thru
v--	1	17	Left
2	CLV(E)= 423		

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

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

13	<-	^	->
# Lanes=	0	0	0
VPH=	0	0	0
	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

From SOUTH (Northbound)
West Dr.

Project Name: National Navy Medical Center
Intersection: West Drive & West Cedar Lane
Location: Montgomery County
Date: 0
Filename: P:\2080-001 NNMC\Analysis\CLVs\MPH Updates for Report\CLV2 Existing.xls\PM Peak (I21)

Scenario Existing
Peak Hour or Period PM Peak Hour (- pm)
Northbound Approach West Dr.
Southbound Approach West Dr. **Split Phase (Y)es/(N)o** N
Eastbound Approach West Cedar Lane **Split Phase (Y)es/(N)o** N
Westbound Approach West Cedar Lane

Intersection CLV 438
Level of Service A

From NORTH (Southbound)
West Dr.

R	Right	Thru	Left	=VPH
^	12	0	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)
West Cedar Lane

	VPH	#Lanes	
Left	30	0	--^
Thru	725	2	-->
Right	0	0	--v
R	CLV(W)= 400.15		

2 <= WB [receiving lanes]
 CLV (N-S)= 28
 CLV (E-W)= 410
 SB
 || -----
 V SUM CLV= 438 ok
 LOS= A EB => 2

From EAST (Westbound)
West Cedar Lane

	#Lanes	VPH	R
NB	0	20	Right
<--	1	360	Thru
v--	1	0	Left
	CLV(E)= 410		

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

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

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 & North Drive
Location: Montgomery County
Date:
Filename: P:\2080-001 NNMC\Analysis\CLVs\MPH Updates for Report\CLV2 Existing.xls\AM Peak (16)

Scenario Existing
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 1486
Level of Service E

From NORTH (Southbound)

Rockville Pike

R	Right	Thru	Left	=VPH
^	386	3627	0	
R	0	3	0	=#Lanes

ON LY | | | CLV(N):
 for <- V -> 1484.8
 RTOR

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

From WEST (Eastbound)

North Drive

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

2 <= WB [receiving lanes]

CLV (N-S)= 1484.81
 CLV (E-W)= 1
 SUM CLV= 1485.81 ok
 LOS= E EB =>

From EAST (Westbound)

North Drive

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

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

CLV(S): (ok-under 1,525)
 506.16 <- ^ ->

# Lanes=	0	3	0
VPH=	0	1368	0
	Left	Thru	Right

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 NNMC\Analysis\CLVs\MPH Updates for Report\CLV2 Existing.xls\PM Peak (16)

Scenario Existing
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 1239.5
Level of Service C

From NORTH (Southbound)
Rockville Pike

Right	Thru	Left
6	1911	0
0	3	0

 =VPH
 =#Lanes
 ON LY | | | CLV(N):
 for <- V -> 709.29
 RTOR

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

From WEST (Eastbound)
North Drive

VPH	#Lanes
Left	0
Thru	0
Right	50
R	CLV(W)= 0

2 <= WB [receiving lanes]
 CLV (N-S)= 1239.5
 CLV (E-W)= 0
 SUM CLV= 1239.5 ok
 LOS= C EB => 2

From EAST (Westbound)
North Drive

#Lanes	VPH	R
0	0	Right
0	0	Thru
0	0	Left
CLV(E)=	0	

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

CLV(S): (ok-under 1,525)
 1239.5 <- ^ ->
 | | |
 # Lanes= 0 3 0
 VPH= 0 3350 0

Left	Thru	Right
0	3350	0

 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 NNMC\Analysis\CLVs\MPH Updates for Report\CLV2 Existing.xls\AM Peak (17)

Scenario Existing
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 1137
Level of Service B/C

From NORTH (Southbound)
Rockville Pike

R	Right	Thru	Left	=VPH
^	0	3021	606	
R	0	3	1	=#Lanes
ON LY				CLV(N):
for	<-	V	->	1117.8
RTOR				

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

From WEST (Eastbound)
North Wood Road

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

2 <= WB [receiving lanes]
 CLV (N-S)= 1117.77
 CLV (E-W)= 19
 || -----
 V SUM CLV= 1136.77 ok
 LOS= B/C EB => 2

From EAST (Westbound)
North Wood Road

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

CLV(S): (ok-under 1,525)
 1082.93 <- ^ ->
 | | |
 # Lanes= 0 3 0
 VPH= 0 1287 2
 Left Thru Right R

Rockville Pike
From SOUTH (Northbound)

	0	3	0
	0	1287	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

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

Project Name: National Navy Medical Center
Intersection: Rockville Pike & North Wood Road
Location: Montgomery County
Date: 0
Filename: P:\2080-001 NNMC\Analysis\CLVs\MPH Updates for Report\CLV2 Existing.xls\PM Peak (17)

Scenario Existing
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 1336.92
Level of Service D

From NORTH (Southbound)
Rockville Pike

R	Right	Thru	Left	=VPH
^	0	2156	26	
R	0	3	1	=#Lanes

ON LY | | | CLV(N):
 for <- V -> 797.72
 RTOR

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

From WEST (Eastbound)
North Wood Road

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

2 <= WB [receiving lanes]

CLV (N-S)= 1141.92
 CLV (E-W)= 195
 SUM CLV= 1336.92 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)
 1141.92 <- ^ ->

# Lanes=	0	3	0
VPH=		3013	3
	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: Rockville Pike & Wilson Drive
Location: Montgomery County
Date:
Filename: P:\2080-001 NNMC\Analysis\CLVs\MPH Updates for Report\CLV2 Existing.xls\AM Peak (18)

Scenario Existing
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 1415
Level of Service D

From NORTH (Southbound)

Rockville Pike

R	Right	Thru	Left	=VPH
^	387	2762	2	
R	0	3	0	=#Lanes

ON LY | | | CLV(N):
 for <- V -> 1363.9
 RTOR

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

From WEST (Eastbound)

Wilson Drive

	VPH	#Lanes
Left	51	0
Thru	0	2
Right	6	0

CLV(W)= 30.21

2 <= WB [receiving lanes]

CLV (N-S)= 1363.87
 CLV (E-W)= 51
 SUM CLV= 1414.87 ok
 LOS= D EB =>

From EAST (Westbound)

Wilson Drive

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

CLV(E)= 51

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

CLV(S): (ok-under 1,525)
 480.78 <- ^ ->

# Lanes=	1	3	0
VPH=	198	1294	0
	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: Rockville Pike & Wilson Drive
Location: Montgomery County
Date: 0
Filename: P:\2080-001 NNMC\Analysis\CLVs\MPH Updates for Report\CLV2 Existing.xls\PM Peak (18)

Scenario Existing
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 Wilson Drive **Split Phase (Y)es/(N)o** N
Westbound Approach Wilson Drive

Intersection CLV 1502.05
Level of Service E

From NORTH (Southbound)

Rockville Pike

R	Right	Thru	Left	
^	37	2211	0	=VPH
R	0	3	0	=#Lanes

ON LY | | | CLV(N):
 for <- V -> 831.76
 RTOR

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

From WEST (Eastbound)

Wilson Drive

	VPH	#Lanes
Left	553	0
Thru	0	2
Right	20	0

CLV(W)= 303.69

2 <= WB [receiving lanes]
 CLV (N-S)= 949.05
 CLV (E-W)= 553
 SUM CLV= 1502.05 ok
 LOS= E EB => 2

From EAST (Westbound)

Wilson Drive

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

CLV(E)= 553

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

CLV(S): (ok-under 1,525)
 949.05 <- ^ ->
 | | |
 # Lanes= 1 3 0
 VPH= 0 2565 0

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 NNMC\Analysis\CLVs\MPH Updates for Report\CLV2 Existing.xls\AM Peak (19)

Scenario Existing
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 1150
Level of Service B/C

From NORTH (Southbound)
Rockville Pike

R	Right	Thru	Left	=VPH
^	196	2360	92	
R	0	3	1	=#Lanes

ON LY | | | CLV(N):
for <- V -> 1049.7
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)= 1049.72
CLV (E-W)= 100
SUM CLV= 1149.72 ok
LOS= B/C EB =>

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)
501.22 <- ^ ->
| | |
Lanes= 1 3 0
VPH= 104 1046 60
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: 0
Filename: P:\2080-001 NNMC\Analysis\CLVs\MPH Updates for Report\CLV2 Existing.xls\PM Peak (19)

Scenario	Existing		
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 1134.78
Level of Service B/C

From NORTH (Southbound)
Rockville Pike

R	Right	Thru	Left	=VPH
^	97	2002	67	
R	0	3	1	=#Lanes

ON LY | | | CLV(N):
 for <- V -> 867.63
 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

CLV(W)= 247

2 <= WB [receiving lanes]
 CLV (N-S)= 867.63
 CLV (E-W)= 267.15
 SUM CLV= 1134.78 ok
 LOS= B/C EB => 2

From EAST (Westbound)
South Wood Road

	#Lanes	VPH	R
Right	1	166	
Thru	1	18	
Left	0	55	

CLV(E)= 267.15

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

CLV(S): (ok-under 1,525)
 820.69 <- ^ ->
 | | |
 # Lanes=

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

 VPH=

91	1997	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\CLV2 Existing.xls\AM Peak (110)

Scenario Existing
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 1347
Level of Service D

From NORTH (Southbound)
Rockville Pike

R	Right	Thru	Left	=VPH
^	119	2141	239	
R	0	3	1	=#Lanes
ON LY				CLV(N):
for	<-	V	->	925.2
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]
 CLV (N-S)= 925.2
 CLV (E-W)= 421.63
 SUM CLV= 1346.83 ok
 LOS= D EB => 2

From EAST (Westbound)
Jones Bridge Road

	#Lanes	VPH	R
NB			Right
<--	3	309	Thru
v--	0	789	Left
	CLV(E)= 406.26		

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

CLV(S): (ok-under 1,525)
 652.29 <- ^ ->
 | | |
 # Lanes= 1 3
 VPH= 89 1117

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 & Jones Bridge Road
Location: Montgomery County
Date: 0
Filename: P:\2080-001 NNMC\Analysis\CLVs\MPH Updates for Report\CLV2 Existing.xls\PM Peak (110)

Scenario	Existing		
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 **1597.98**
Level of Service **E/F**

From NORTH (Southbound)
Rockville Pike

R	Right	Thru	Left	=VPH
^	12	1555	496	
R	0	3	1	=#Lanes

ON LY | | | CLV(N):
 for <- V -> 599.79
 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
R	CLV(W)= 240.62	

2 <= WB [receiving lanes]
 CLV (N-S)= 1204.18
 CLV (E-W)= 393.8
 SUM CLV= 1597.98 *
 LOS= E/F EB => 2

From EAST (Westbound)
Jones Bridge Road

	#Lanes	VPH	R
Right			
Thru	3	12	
Left	0	402	
R	CLV(E)= 153.18		

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

From SOUTH (Northbound)
Rockville Pike

# Lanes=	1	3	
VPH=	20	1914	
	Left	Thru	Right

CLV(S): *->over 1,525!!
 1204.18 <- ^ ->
 | | |
 R

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: Gunnel Road & Jones Bridge Road
Location: Montgomery County
Date:
Filename: P:\2080-001 NNMC\Analysis\CLVs\MPH Updates for Report\CLV2 Existing.xls\AM Peak (I23)

Scenario Existing
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 801
Level of Service A

From NORTH (Southbound)
Gunnel Road

R	Right	Thru	Left	=VPH
^	22	0	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

	VPH	#Lanes	
Left	30	1	--^
Thru	731	2	-->
Right	5	0	--v
R	CLV(W)= 393.08		

2 <= WB [receiving lanes]
 CLV (N-S)= 72
 CLV (E-W)= 729.07
 || -----
 V SUM CLV= 801.07 ok
 LOS= A EB => 2

From EAST (Westbound)
Jones Bridge Road

	#Lanes	VPH	R
NB	0	137	Right
<--	2	1182	Thru
v--	1	3	Left
	CLV(E)= 729.07		

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

CLV(S): (ok-under 1,525)
 52 <- ^ ->
 | | |
 # Lanes= 0 1 0
 VPH= 5 0 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

Gunnel Road
From SOUTH (Northbound)

Project Name: National Navy Medical Center
Intersection: Gunnel Road & Jones Bridge Road
Location: Montgomery County
Date: 0
Filename: P:\2080-001 NNMC\Analysis\CLVs\MPH Updates for Report\CLV2 Existing.xls\PM Peak (123)

Scenario Existing
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 926.46
Level of Service A

From NORTH (Southbound)
Gunnel Road

R	Right	Thru	Left	=VPH
^	140	0	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	1279	2	-->
Right	3	0	--v
R	CLV(W)= 686.46		

2 <= WB [receiving lanes]
 CLV (N-S)= 240
 CLV (E-W)= 686.46
 || -----
 V SUM CLV= 926.46 ok
 2 LOS= A EB => 2

From EAST (Westbound)
Jones Bridge Road

	#Lanes	VPH	R
NB ^--	0	81	Right
<--	2	512	Thru
v--	1	7	Left
	CLV(E)= 329.29		

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 NNMC\Analysis\CLVs\MPH Updates for Report\CLV2 Existing.xls\AM Peak (I24)

Scenario Existing
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 721
Level of Service A

From NORTH (Southbound)
Grier Road

R	Right	Thru	Left	=VPH
^	0	1	0	
R	0	1	0	=#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	0	1
Thru	800	2
Right	0	0
R	CLV(W)= 424	

2 <= WB [receiving lanes]
 CLV (N-S)= 1
 CLV (E-W)= 720.27
 SUM CLV= 721.27 ok
 LOS= A EB => 2

From EAST (Westbound)
Jones Bridge Road

	#Lanes	VPH	R
NB	0	0	Right
<--	2	1359	Thru
v--	0	0	Left
2	CLV(E)= 720.27		

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

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

0 <- ^ ->

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

Grier 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: Jones Bridge Road & Grier Road
Location: Montgomery County
Date: 0
Filename: P:\2080-001 NNMC\Analysis\CLVs\MPH Updates for Report\CLV2 Existing.xls\PM Peak (124)

Scenario Existing
Peak Hour or Period PM Peak Hour (- pm)
Northbound Approach Grier Road
Southbound Approach Grier 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 1070.88
Level of Service B

From NORTH (Southbound)
Grier Road

R	Right	Thru	Left	=VPH
^	54	0	171	
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	0	1	--^
Thru	1596	2	-->
Right	0	0	--v
R	CLV(W)= 845.88		

2 <= WB [receiving lanes]
 CLV (N-S)= 225
 CLV (E-W)= 845.88
 || -----
 V SUM CLV= 1070.88 ok
 2 LOS= B EB => 2

From EAST (Westbound)
Jones Bridge Road

	#Lanes	VPH	R
NB ^--	0		Right
<--	2	553	Thru
v--	0		Left
	CLV(E)= 293.09		

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

CLV(S): (ok-under 1,525)
 171 <- ^ ->
 | | |
 # Lanes= 0 0 0
 VPH= 0 0 0

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

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 NNMC\Analysis\CLVs\MPH Updates for Report\CLV2 Existing.xls\AM Peak (I25)

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

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 736
Level of Service A

From NORTH (Southbound)
University Road

R	Right	Thru	Left	=VPH
^	0	0		
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	4	1
Thru	867	2
Right	0	0
R	CLV(W)= 459.51	

2 <= WB [receiving lanes]
 CLV (N-S)= 0
 CLV (E-W)= 735.93
 SUM CLV= 735.93 ok
 LOS= A EB => 2

From EAST (Westbound)
Jones Bridge Road

#Lanes	VPH	R
1	24	Right
2	1381	Thru
0	0	Left
CLV(E)= 735.93		

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

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

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 NNMC\Analysis\CLVs\MPH Updates for Report\CLV2 Existing.xls\PM Peak (125)

Scenario Existing
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 1001.7
Level of Service A/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	0	1
Thru	1890	2
Right		0
R	CLV(W)= 1001.7	

2 <= WB [receiving lanes]
 CLV (N-S)= 0
 CLV (E-W)= 1001.7
 SUM CLV= 1001.7 ok
 LOS= A/B EB => 2

From EAST (Westbound)
Jones Bridge Road

	#Lanes	VPH	R
NB	1	0	Right
<--	2	513	Thru
v--	0	0	Left
CLV(E)= 271.89			

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

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

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

 R

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\CLV2 Existing.xls\AM Peak (I26)

Scenario Existing
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 1781
Level of Service F

From NORTH (Southbound) Connecticut Avenue

R	Right	Thru	Left	
^	883	2300	2	=VPH
R		3	0	=#Lanes

ON LY | | | CLV(N):
 for <- V -> 1178.5
 RTOR

From NORTHEAST(South Kensington Pkwy)

	Right	Thru	Left
^	8	94	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)= 1178.45
 CLV (E-W)= 602.18
 || -----
 V SUM CLV= 1780.63 *
 LOS= F EB => **2**

From EAST (Westbound) Jones Bridge Road

	#Lanes	VPH	
NB ^--	0	211	Right
<--	3	471	Thru
v--	0	1	Left
	CLV(E)= 252.71		

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

CLV(S): *->over 1,525!!
 655.05 <- ^ ->
 | | |
 # Lanes= 0 3 0
 VPH= 0 1739 26

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\CLV2 Existing.xls\PM Peak (I26)

Scenario Existing
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 1926.62
Level of Service F

From NORTH (Southbound)
Connecticut Avenue

R	Right	Thru	Left	
^	284	1461	1	=VPH
R		3	0	=#Lanes

ON LY | | | CLV(N):
for <- V -> 646.02
RTOR

From NORTHEAST(Southbound)
Kensington Pkwy

	Right	Thru	Left
^	2	16	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)= 1000.37
 CLV (E-W)= 926.25
 SUM CLV= 1926.62 *
 LOS= F EB => **2**

From EAST (Westbound)
Jones Bridge Road

	#Lanes	VPH	
NB	0	294	Right
<--	3	228	Thru
v--	0	41	Left
	CLV(E)= 294		

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

CLV(S): *->over 1,525!!
 1000.37 <- ^ ->
 | | |
 # Lanes= 0 3 0
 VPH= 0 2620 81

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 & Manor Road
Location: Montgomery County
Date:
Filename: P:\2080-001 NNMC\Analysis\CLVs\MPH Updates for Report\CLV2 Existing.xls\AM Peak (I27)

Scenario Existing
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 694
Level of Service A

From NORTH (Southbound)
Manor Road

R	Right	Thru	Left	=VPH
^	0	0	0	
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	0	--^
Thru	267	1	-->
Right	16	1	--v
R	CLV(W)=	524	

2 <= WB [receiving lanes]
CLV (N-S)= 45
CLV (E-W)= 649
SUM CLV= 694 ok
LOS= A EB => 2

From EAST (Westbound)
Jones Bridge Road

	#Lanes	VPH	R
NB ^--	0	0	Right
<--	1	649	Thru
v--	1	257	Left
	CLV(E)=	649	

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

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

Manor Road
From SOUTH (Northbound)

Project Name: National Navy Medical Center
Intersection: Jones Bridge Road & Manor Road
Location: Montgomery County
Date: 0
Filename: P:\2080-001 NNMC\Analysis\CLVs\MPH Updates for Report\CLV2 Existing.xls\PM Peak (127)

Scenario Existing
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 795
Level of Service A

From NORTH (Southbound)
Manor Road

R	Right	Thru	Left
^	0	0	0
R	0	0	0

 =VPH
 =#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	0
Thru	656	1
Right	22	1
R	CLV(W)=	769

2 <= WB [receiving lanes]
 CLV (N-S)= 26
 CLV (E-W)= 769
 || -----
 V SUM CLV= 795 ok
 LOS= A EB => 2

From EAST (Westbound)
Jones Bridge Road

	#Lanes	VPH	R
NB	0	0	Right
<--	1	442	Thru
v--	1	113	Left
	CLV(E)=	442	

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

CLV(S): (ok-under 1,525)
 0 <- ^ ->
 | | |
 # Lanes= 1 0 1
 VPH= 26 0 237

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

Manor Road
From SOUTH (Northbound)

Project Name: National Navy Medical Center
Intersection: Jones Bridge Road & Jones Mill Road
Location: Montgomery County
Date:
Filename: P:\2080-001 NNMC\Analysis\CLVs\MPH Updates for Report\CLV2 Existing.xls\AM Peak (I28)

Scenario Existing
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 1245
Level of Service C

From NORTH (Southbound)
Jones Mill Road

R	Right	Thru	Left	
^		498	0	=VPH
R		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	26	1	--^
Thru	0	0	-->
Right	388	1	--v
R	CLV(W)=	0	

2 <= WB [receiving lanes]
 CLV (N-S)= 1219
 CLV (E-W)= 26
 SUM CLV= 1245 ok
 LOS= C EB => 2

From EAST (Westbound)
Jones Bridge Road

	#Lanes	VPH	R
NB ^--	0	0	Right
<--	0	0	Thru
v--	0	0	Left
	CLV(E)=	26	

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

CLV(S): (ok-under 1,525)
 721 <- ^ ->
 | | |
 # Lanes= 1 | | 0
 VPH= 721 | | 0
 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 Bridge Road & Jones Mill Road
Location: Montgomery County
Date: 0
Filename: P:\2080-001 NNMC\Analysis\CLVs\MPH Updates for Report\CLV2 Existing.xls\PM Peak (128)

Scenario Existing
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 854
Level of Service A

From NORTH (Southbound)
Jones Mill Road

R	Right	Thru	Left	
^		112	0	=VPH
R		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	216	1	--^
Thru	0	0	-->
Right	575	1	--v
R	CLV(W)=	0	

2 <= WB [receiving lanes]
 CLV (N-S)= 638
 CLV (E-W)= 216
 SUM CLV= 854 ok
 LOS= A EB => 2

From EAST (Westbound)
Jones Bridge Road

	#Lanes	VPH	R
NB ^--	0	0	Right
<--	0	0	Thru
v--	0	0	Left
CLV(E)=	216		

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

CLV(S): (ok-under 1,525)
 526 <- ^ ->
 | | |
 # Lanes= 1 0
 VPH= 526 0
 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: East-West Hwy & Jones Mill Road
Location: Montgomery County
Date:
Filename: P:\2080-001 NNMC\Analysis\CLVs\MPH Updates for Report\CLV2 Existing.xls\AM Peak (I29)

Scenario Existing
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 1163
Level of Service B/C

From NORTH (Southbound)
Jones Mill Road

R	Right	Thru	Left	
^		390	127	=VPH
R		1	1	=#Lanes
ON LY				CLV(N):
for	<-	V	->	422
RTOR				

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

From WEST (Eastbound)
East-West Hwy

	VPH	#Lanes	
Left	20	1	--^
Thru	479	2	-->
Right			--v
R	CLV(W)= 348.87		

2 <= WB [receiving lanes]
 CLV (N-S)= 422
 CLV (E-W)= 740.8
 SUM CLV= 1162.8 ok
 LOS= B/C EB => 2

From EAST (Westbound)
East-West Hwy

	#Lanes	VPH	R
NB ^--	1	301	Right
<--	2	1360	Thru
v--	1	95	Left
	CLV(E)= 740.8		

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

CLV(S): (ok-under 1,525)
319 <- ^ ->

# Lanes=	1	1	
VPH=	32	192	
	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: East-West Hwy & Jones Mill Road
Location: Montgomery County
Date: 0
Filename: P:\2080-001 NNMC\Analysis\CLVs\MPH Updates for Report\CLV2 Existing.xls\PM Peak (129)

Scenario Existing
Peak Hour or Period PM Peak Hour (- pm)
Northbound Approach Jones Mill Road
Southbound Approach Jones Mill Road **Split Phase (Y)es/(N)o** Y
Eastbound Approach East-West Hwy **Split Phase (Y)es/(N)o** N
Westbound Approach East-West Hwy

Intersection CLV 1451.86
Level of Service D/E

From NORTH (Southbound)
Jones Mill Road

R	Right	Thru	Left	
^		203	237	=VPH
R		1	1	=#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	1562	2	-->
Right			--v
R	CLV(W)= 878.86		

2 <= WB [receiving lanes]
 CLV (N-S)= 573
 CLV (E-W)= 878.86
 SUM CLV= 1451.86 ok
 LOS= D/E EB => 2

From EAST (Westbound)
East-West Hwy

	#Lanes	VPH	R
NB	1	210	Right
<--	2	635	Thru
v--	1	51	Left
	CLV(E)= 497.55		

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

CLV(S): (ok-under 1,525)
 336 <- ^ ->
 | | |
 # Lanes= 1 1
 VPH= 69 336

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: Rockville Pike & Woodmont Avenue
Location: Montgomery County
Date:
Filename: P:\2080-001 NNMC\Analysis\CLVs\MPH Updates for Report\CLV2 Existing.xls\AM Peak (I11)

Scenario Existing
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 1054
Level of Service B

From NORTH (Southbound)
Rockville Pike

R	Right	Thru	Left	=VPH
^		2294	0	
R		3	0	=#Lanes

ON LY | | | CLV(N):
 for <- V -> 848.78
 RTOR

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

From WEST (Eastbound)
Woodmont Avenue

	VPH	#Lanes
Left	388	2
Thru	0	0
Right	7	1
R	CLV(W)=	7

2 <= WB [receiving lanes]
 CLV (N-S)= 848.78
 CLV (E-W)= 205.64
 SUM CLV= 1054.42 ok
 LOS= B EB => 2

From EAST (Westbound)
Woodmont Avenue

	#Lanes	VPH	R
NB ^--	1	25	Right
<--	0	0	Thru
v--	0	0	Left
2	CLV(E)=	205.64	

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

CLV(S): (ok-under 1,525)
 411.44 <- ^ ->
 | | |
 # Lanes=

0	3	0
---	---	---

 VPH=

0	1109	3
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 & Woodmont Avenue
Location: Montgomery County
Date: 0
Filename: P:\2080-001 NNMC\Analysis\CLVs\MPH Updates for Report\CLV2 Existing.xls\PM Peak (11)

Scenario Existing
Peak Hour or Period PM Peak Hour (- pm)
Northbound Approach Rockville Pike
Southbound Approach Rockville Pike
Eastbound Approach Woodmont Avenue
Westbound Approach Woodmont Avenue

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

Intersection CLV 1066.86
Level of Service B

From NORTH (Southbound)
Rockville Pike

R	Right	Thru	Left
^		1252	0
R		3	0

 =VPH
 =#Lanes
 ON LY | | | CLV(N):
 for <- V -> 463.24
 RTOR

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

From WEST (Eastbound)
Woodmont Avenue

	VPH	#Lanes
Left	934	2
Thru	0	0
Right	14	1
R	CLV(W)=	0

2 <= WB [receiving lanes]
 CLV (N-S)= 566.84
 CLV (E-W)= 500.02
 SUM CLV= 1066.86 ok
 LOS= B EB => 2

From EAST (Westbound)
Woodmont Avenue

	#Lanes	VPH	R
NB	1	5	Right
<--	0		Thru
v--	0		Left
	CLV(E)=	500.02	

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

CLV(S): (ok-under 1,525)
 566.84 <- ^ ->
 | | |
 # Lanes= 0 3 0
 VPH= 1530 2

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 & Battery Lane
Location: Montgomery County
Date:
Filename: P:\2080-001 NMMC\Analysis\CLVs\MPH Updates for Report\CLV2 Existing.xls\AM Peak (112)

Scenario Existing
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 Battery Lane
Westbound Approach Battery Lane

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

Intersection CLV 886
Level of Service A

From NORTH (Southbound)

Rockville Pike

R	Right	Thru	Left	
^	47	1678	0	=VPH
R	0	3	0	=#Lanes
ON LY				CLV(N):
for	<-	V	->	679.25
RTOR				

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

From WEST (Eastbound)

Battery Lane

	VPH	#Lanes	
Left	179	0	--^
Thru	84	2	-->
Right	60	0	--v
R	CLV(W)= 171.19		

From EAST (Westbound)

Battery Lane

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

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

CLV(S): (ok-under 1,525)
 329.3 <- ^ ->
 | | |
 # Lanes= 0 3 0
 VPH= 41 843 6

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 & Battery Lane
Location: Montgomery County
Date: 0
Filename: P:\2080-001 NNMC\Analysis\CLVs\MPH Updates for Report\CLV2 Existing.xls\PM Peak (112)

Scenario Existing
Peak Hour or Period PM Peak Hour (- pm)
Northbound Approach Rockville Pike
Southbound Approach Rockville Pike
Eastbound Approach Battery Lane
Westbound Approach Battery Lane

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

Intersection CLV 845.56
Level of Service A

From NORTH (Southbound)

Rockville Pike

R	Right	Thru	Left	
^	38	884	0	=VPH
R	0	3	0	=#Lanes

ON LY | | | CLV(N):
 for <- V -> 434.14
 RTOR

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

From WEST (Eastbound)

Battery Lane

	VPH	#Lanes	
Left	167	0	--^
Thru	102	2	-->
Right	59	0	--v
R	CLV(W)= 173.84		

2 <= WB [receiving lanes]
 CLV (N-S)= 612.72
 CLV (E-W)= 232.84
 SUM CLV= 845.56 ok
 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)
 612.72 <- ^ ->
 | | |
 # Lanes= 0 3 0
 VPH= 93 1558 5

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 & Cordell Avenue
Location: Montgomery County
Date:
Filename: P:\2080-001 NNNMC\Analysis\CLVs\MPH Updates for Report\CLV2 Existing.xls\AM Peak (113)

Scenario Existing
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 Cordell Ave
Westbound Approach Cordell Ave

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

Intersection CLV 791
Level of Service A

From NORTH (Southbound)
Rockville Pike

R	Right	Thru	Left	
^	81	1745	0	=VPH
R	0	3	0	=#Lanes
ON LY				CLV(N):
for	<-	V	->	676.62
RTOR				

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

From WEST (Eastbound)
Cordell Ave

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

2 <= WB [receiving lanes]
 CLV (N-S)= 676.62
 CLV (E-W)= 114
 SUM CLV= 790.62 ok
 LOS= A EB => 2

From EAST (Westbound)
Cordell Ave

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

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

CLV(S): (ok-under 1,525)
 303.03 <- ^ ->
 | | |
 # Lanes= 0 3 0
 VPH= 1 818 0
 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 & Cordell Avenue
Location: Montgomery County
Date: 0
Filename: P:\2080-001 NNMC\Analysis\CLVs\MPH Updates for Report\CLV2 Existing.xls\PM Peak (I13)

Scenario Existing
Peak Hour or Period PM Peak Hour (- pm)
Northbound Approach Rockville Pike
Southbound Approach Rockville Pike
Eastbound Approach Cordell Ave
Westbound Approach Cordell Ave

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

Intersection CLV 695.76
Level of Service A

From NORTH (Southbound)
Rockville Pike

R	Right	Thru	Left	=VPH
^	85	988	0	
R	0	3	0	=#Lanes

ON LY | | | CLV(N):
 for <- V -> 419.01
 RTOR

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

From WEST (Eastbound)
Cordell Ave

	VPH	#Lanes
Left	160	0
Thru	0	2
Right	40	0

CLV(W)= 106

2 <= WB [receiving lanes]
 CLV (N-S)= 535.76
 CLV (E-W)= 160
 SUM CLV= 695.76 ok
 LOS= A EB => 2

From EAST (Westbound)
Cordell Ave

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

CLV(E)= 160

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

CLV(S): (ok-under 1,525)
 535.76 <- ^ ->
 | | |
 # Lanes= 0 3 0
 VPH= 22 1426 0

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: Rockville Pike and Cheltenham Drive
Location: Montgomery County
Date:
Filename: P:\2080-001 NNMC\Analysis\CLVs\MPH Updates for Report\CLV2 Existing.xls\AM Peak (I14)

Scenario Existing
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 Cheltenham Dr.
Westbound Approach Cheltenham Dr.

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

Intersection CLV 893
Level of Service A

From NORTH (Southbound)
Rockville Pike

R	Right	Thru	Left	=VPH
^	56	1594	7	
R	0	3	0	=#Lanes

ON LY | | | CLV(N):
 for <- V -> 671.09
 RTOR

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

From WEST (Eastbound)
Cheltenham Dr.

	VPH	#Lanes
Left	64	1
Thru	99	1
Right	66	0
R	CLV(W)= 222	

2 <= WB [receiving lanes]
 CLV (N-S)= 671.09
 CLV (E-W)= 222
 SUM CLV= 893.09 ok
 LOS= A EB => 2

From EAST (Westbound)
Cheltenham Dr.

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

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

CLV(S): (ok-under 1,525)
 308.92 <- ^ ->
 | | |
 # Lanes= 0 3 0
 VPH= 58 707 51

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 and Cheltenham Drive
Location: Montgomery County
Date: 0
Filename: P:\2080-001 NNMC\Analysis\CLVs\MPH Updates for Report\CLV2 Existing.xls\PM Peak (I14)

Scenario Existing
Peak Hour or Period PM Peak Hour (- pm)
Northbound Approach Rockville Pike
Southbound Approach Rockville Pike
Eastbound Approach Cheltenham Dr.
Westbound Approach Cheltenham Dr.

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

Intersection CLV 665.23
Level of Service A

From NORTH (Southbound)
Rockville Pike

R	Right	Thru	Left	=VPH
^	21	935	4	
R	0	3	0	=#Lanes

ON LY | | | CLV(N):
for <- V -> 422.2
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
R	CLV(W)= 181	

2 <= WB [receiving lanes]
CLV (N-S)= 440.23
CLV (E-W)= 225
SUM CLV= 665.23 ok
LOS= A EB => **2**

From EAST (Westbound)
Cheltenham Dr.

#Lanes	VPH	R
0	35	Right
1	120	Thru
1	60	Left
CLV(E)= 225		

From SOUTH (Northbound)
Rockville Pike

# Lanes=	0	3	0
VPH=	67	1077	35
	Left	Thru	Right

CLV(S): (ok-under 1,525)
440.23 <- ^ ->
| | |
Lanes= 0 3 0
VPH= 67 1077 35
R

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

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\CLV2 Existing.xls\AM Peak (117)

Scenario Existing
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 762
Level of Service A

From NORTH (Southbound)
Woodmont Ave

R	Right	Thru	Left	
^	100	824	26	=VPH
R	0	2	1	=#Lanes
ON LY				CLV(N):
for	<-	V	->	529.72
RTOR				

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

From WEST (Eastbound)
Battery Lane

	VPH	#Lanes	
Left	62	0	--^
Thru	191	2	-->
Right	112	0	--v
R	CLV(W)= 232.45		

2 <= WB [receiving lanes]
 CLV (N-S)= 529.72
 CLV (E-W)= 232.45
 || -----
 V SUM CLV= 762.17 ok
 LOS= A EB => 2

From EAST (Westbound)
Battery Lane

	#Lanes	VPH	R
NB ^--	0	2	Right
<--	2	58	Thru
v--	0	39	Left
	CLV(E)= 114.47		

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

CLV(S): (ok-under 1,525)
 137.83 <- ^ ->
 | | |
 # Lanes= 1 2 0
 VPH= 40 164 47
 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 & Battery Lane
Location: Montgomery County
Date: 0
Filename: P:\2080-001 NNMC\Analysis\CLVs\MPH Updates for Report\CLV2 Existing.xls\PM Peak (117)

Scenario Existing
Peak Hour or Period PM Peak Hour (- pm)
Northbound Approach Woodmont Ave
Southbound Approach Woodmont Ave **Split Phase (Y)es/(N)o** N
Eastbound Approach Battery Lane **Split Phase (Y)es/(N)o** Y
Westbound Approach Battery Lane

Intersection CLV 591.6
Level of Service A

From NORTH (Southbound)

Woodmont Ave

R	Right	Thru	Left	
^	117	437	51	=VPH
R	0	2	1	=#Lanes

ON LY | | | CLV(N):
 for <- V -> 369.62
 RTOR

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

From WEST (Eastbound)

Battery Lane

	VPH	#Lanes	
Left	68	0	--^
Thru	145	2	-->
Right	67	0	--v
R	CLV(W)= 148.4		

2 <= WB [receiving lanes]

CLV (N-S)= 375.36
 CLV (E-W)= 216.24
 SUM CLV= 591.6 ok
 LOS= A EB =>

From EAST (Westbound)

Battery Lane

	#Lanes	VPH	R
NB ^--	0	5	Right
<--	2	81	Thru
v--	0	42	Left
	CLV(E)= 67.84		

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

CLV(S): (ok-under 1,525)
 375.36 <- ^ ->

# Lanes=	1	2	0
VPH=	76	552	60
	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 & Cordell
Location: Montgomery County
Date:
Filename: P:\2080-001 NNMC\Analysis\CLVs\MPH Updates for Report\CLV2 Existing.xls\AM Peak (118)

Scenario Existing
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 582
Level of Service A

From NORTH (Southbound)
Woodmont Ave

R	Right	Thru	Left	=VPH
^	70	814	48	
R	0	2	1	=#Lanes

ON LY | | | CLV(N):
 for <- V -> 472.52
 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]
 CLV (N-S)= 472.52
 CLV (E-W)= 109
 SUM CLV= 581.52 ok
 LOS= A EB => 2

From EAST (Westbound)
Cordell

	#Lanes	VPH	R
NB ^--	0	13	Right
<--	1	27	Thru
v--	0	27	Left
	CLV(E)=	90	

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

CLV(S): (ok-under 1,525)
 158.77 <- ^ ->

# Lanes=	1	2	0
VPH=	4	155	54
	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 & Cordell
Location: Montgomery County
Date: 0
Filename: P:\2080-001 NNMC\Analysis\CLVs\MPH Updates for Report\CLV2 Existing.xls\PM Peak (I18)

Scenario Existing
Peak Hour or Period PM Peak Hour (- pm)
Northbound Approach Woodmont Ave
Southbound Approach Woodmont Ave **Split Phase (Y)es/(N)o** N
Eastbound Approach Cordell **Split Phase (Y)es/(N)o** N
Westbound Approach Cordell

Intersection CLV 528.3
Level of Service A

From NORTH (Southbound)

Woodmont Ave

R	Right	Thru	Left	=VPH
^	147	463	55	
R	0	2	1	=#Lanes

ON LY | | | CLV(N):
 for <- V -> 345.3
 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	--v
R	CLV(W)=	183	

2 <= WB [receiving lanes]
 CLV (N-S)= 345.3
 CLV (E-W)= 183
 SUM CLV= 528.3 ok
 LOS= A EB => 2

From EAST (Westbound)

Cordell

	#Lanes	VPH	R
NB ^--	0	41	Right
<--	1	40	Thru
v--	0	26	Left
	CLV(E)=	176	

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

CLV(S): (ok-under 1,525)
 338.02 <- ^ ->
 | | |
 # Lanes= 1 2 0
 VPH= 22 426 108

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:
Filename: P:\2080-001 NNMC\Analysis\CLVs\MPH Updates for Report\CLV2 Existing.xls\AM Peak (119)

Scenario Existing
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 568
Level of Service A

From NORTH (Southbound)
Woodmont Ave

R	Right	Thru	Left	=VPH
^	248	623	6	
R	0	2	0	=#Lanes

ON LY | | | CLV(N):
for <- V -> 480.81
RTOR

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

From WEST (Eastbound)
St. Elmo

	VPH	#Lanes	
Left	82	0	--^
Thru	5	1	-->
Right			--v
R	CLV(W)=	87	

2 <= WB [receiving lanes]
CLV (N-S)= 480.81
CLV (E-W)= 87
SUM CLV= 567.81 ok
LOS= A EB => 2

From EAST (Westbound)
St. Elmo

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

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

CLV(S): (ok-under 1,525)
66.42 <- ^ ->
| | |
Lanes= 1 2 0
VPH= 16 114 0

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 & St. Elmo
Location: Montgomery County
Date: 0
Filename: P:\2080-001 NNMC\Analysis\CLVs\MPH Updates for Report\CLV2 Existing.xls\PM Peak (119)

Scenario Existing
Peak Hour or Period PM Peak Hour (- pm)
Northbound Approach Woodmont Ave
Southbound Approach Woodmont Ave **Split Phase (Y)es/(N)o** N
Eastbound Approach St. Elmo **Split Phase (Y)es/(N)o** N
Westbound Approach St. Elmo

Intersection CLV 544.36
Level of Service A

From NORTH (Southbound)

Woodmont Ave

R	Right	Thru	Left	=VPH
^	148	363	1	
R	0	2	0	=#Lanes

ON LY | | | CLV(N):
 for <- V -> 302.36
 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			--v
R	CLV(W)=	242	

2 <= WB [receiving lanes]
 CLV (N-S)= 302.36
 CLV (E-W)= 242
 SUM CLV= 544.36 ok
 LOS= A EB => 2

From EAST (Westbound)

St. Elmo

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

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

CLV(S): (ok-under 1,525)
 180.14 <- ^ ->
 | | |
 # Lanes= 1 2 0
 VPH= 31 338 0
 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 & Cheltenham Drive
Location: Montgomery County
Date:
Filename: P:\2080-001 NNMC\Analysis\CLVs\MPH Updates for Report\CLV2 Existing.xls\AM Peak (I20)

Scenario Existing
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 817
Level of Service A

From NORTH (Southbound)
Woodmont Ave

R	Right	Thru	Left	=VPH
^	0	512	64	
R	0	1	1	=#Lanes

ON LY | | | CLV(N):
for <- V -> 529
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
R	CLV(W)= 288	

2 <= WB [receiving lanes]
CLV (N-S)= 529
CLV (E-W)= 288
SUM CLV= 817 ok
LOS= A EB => **2**

From EAST (Westbound)
Cheltenham Dr.

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

From SOUTH (Northbound)
Woodmont Ave

# Lanes=	1	1	0
VPH=	17	92	68
	Left	Thru	Right

CLV(S): (ok-under 1,525)
224 <- ^ ->
| | |
2 <= NB [receiving lanes]
CLV(S)= 224
LOS= A NB => **2**

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

Project Name: National Navy Medical Center
Intersection: Woodmont Avenue & Cheltenham Drive
Location: Montgomery County
Date: 0
Filename: P:\2080-001 NNMC\Analysis\CLVs\MPH Updates for Report\CLV2 Existing.xls\PM Peak (120)

Scenario Existing
Peak Hour or Period PM Peak Hour (- pm)
Northbound Approach Woodmont Ave
Southbound Approach Woodmont Ave **Split Phase (Y)es/(N)o** N
Eastbound Approach Cheltenham Dr. **Split Phase (Y)es/(N)o** N
Westbound Approach Cheltenham Dr.

Intersection CLV 716
Level of Service A

From NORTH (Southbound)
Woodmont Ave

R	Right	Thru	Left	=VPH
^	36	305	44	
R	0	1	1	=#Lanes
ON LY				CLV(N):
for	<-	V	->	381
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
R	CLV(W)= 305	

2 <= WB [receiving lanes]
 CLV (N-S)= 392
 CLV (E-W)= 324
 SUM CLV= 716 ok
 LOS= A EB =>

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)
 392 <- ^ ->
 | | |
 # Lanes= 1 1 0
 VPH= 40 272 76

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)