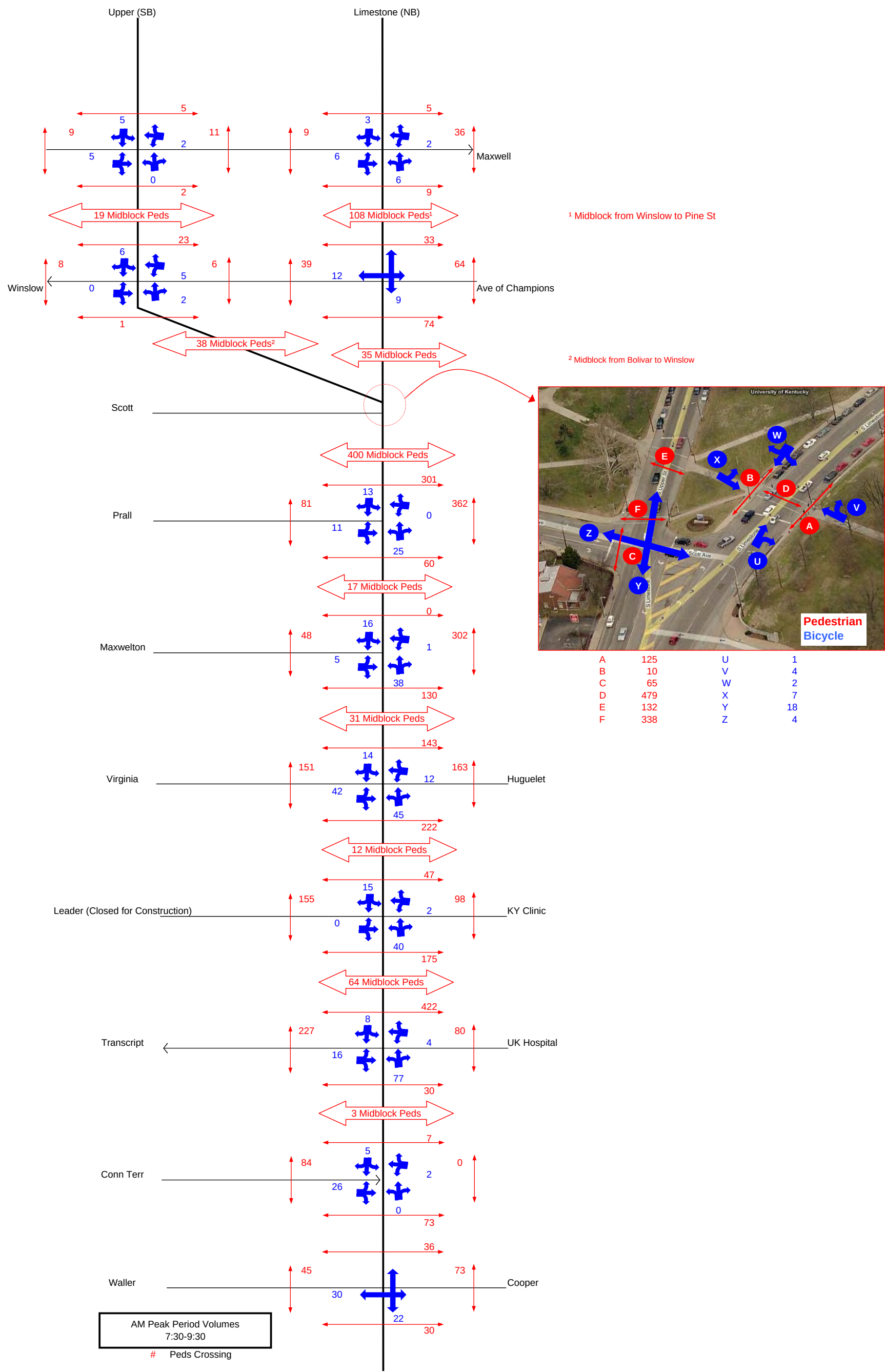


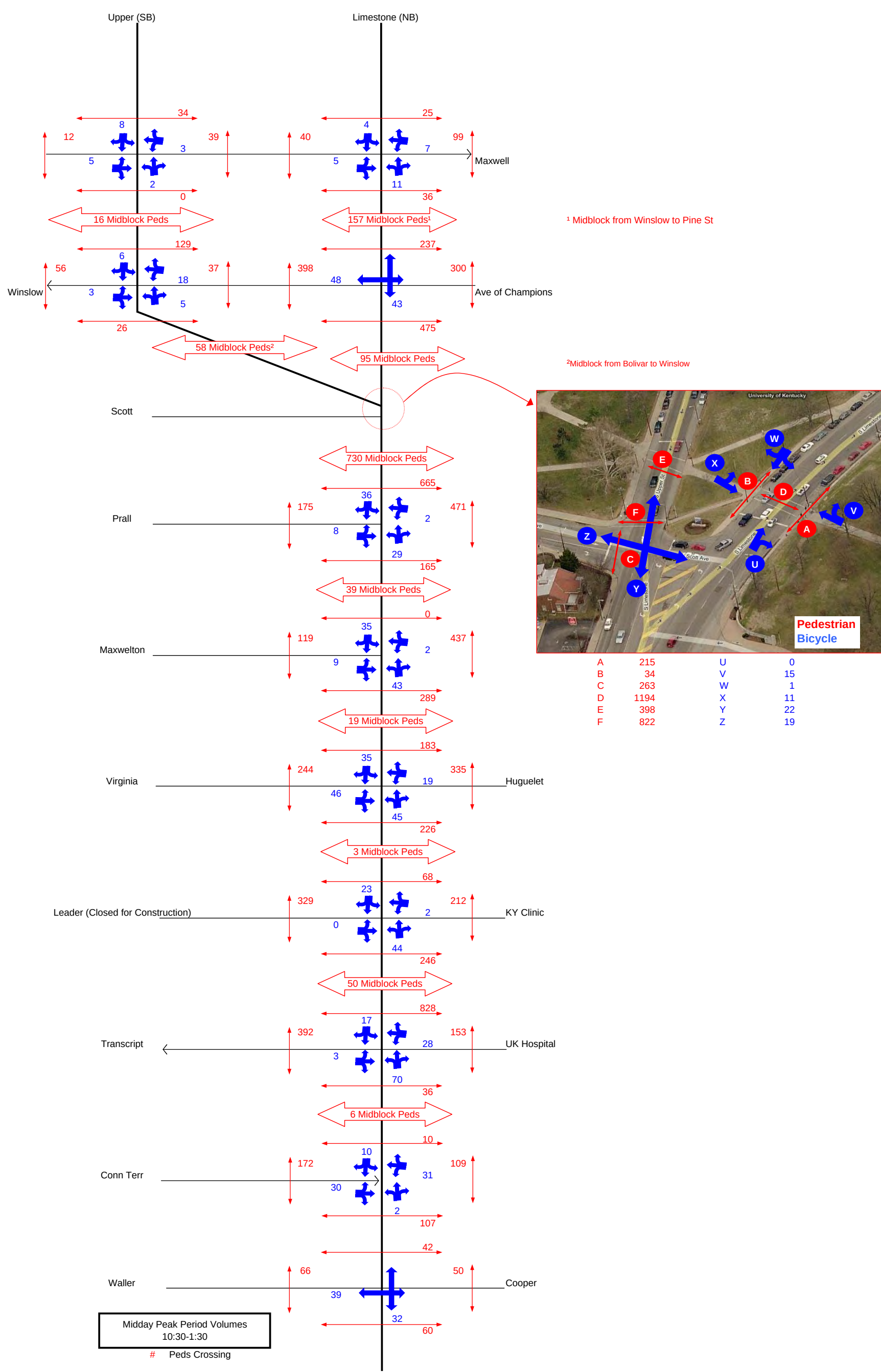
Appendix A

Auto/Pedestrian/Bike Volumes

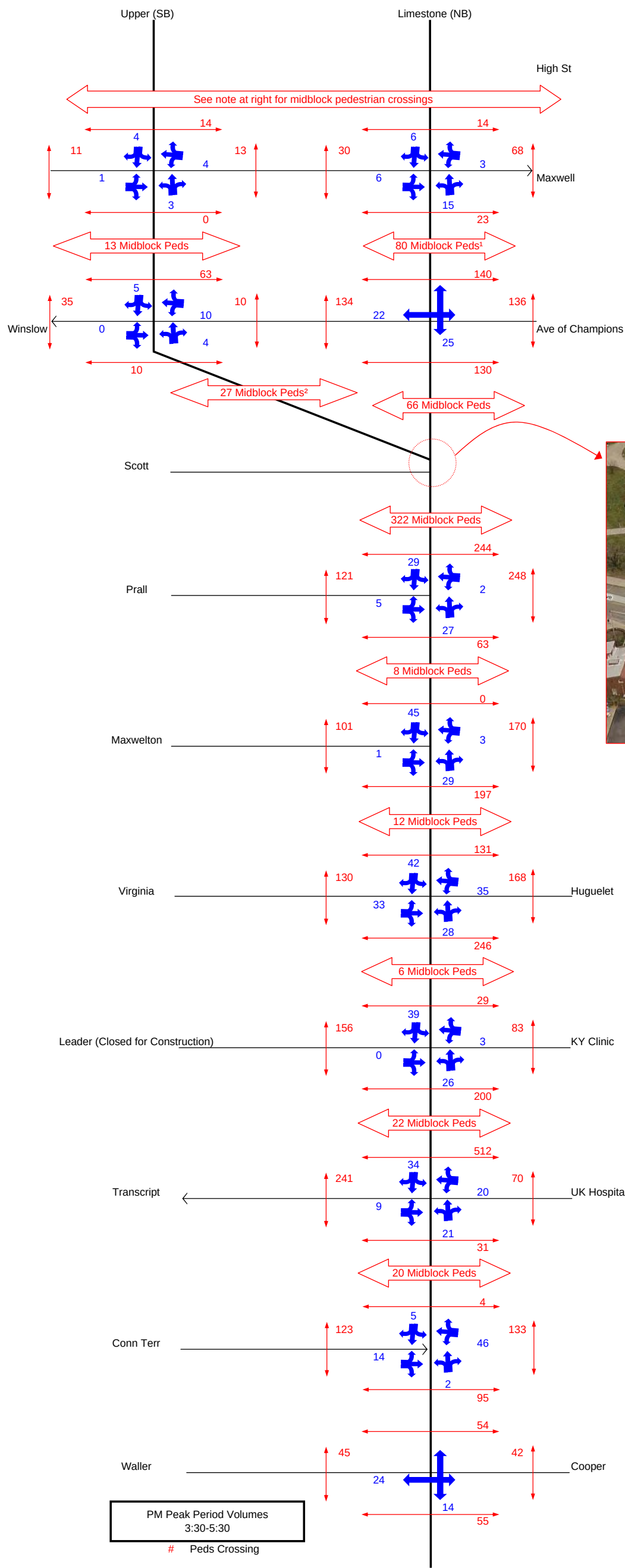
2009 AM Pedestrian and Bicycle Peak Hour Counts



2009 Middyay Pedestrian and Bicycle Peak Hour Counts



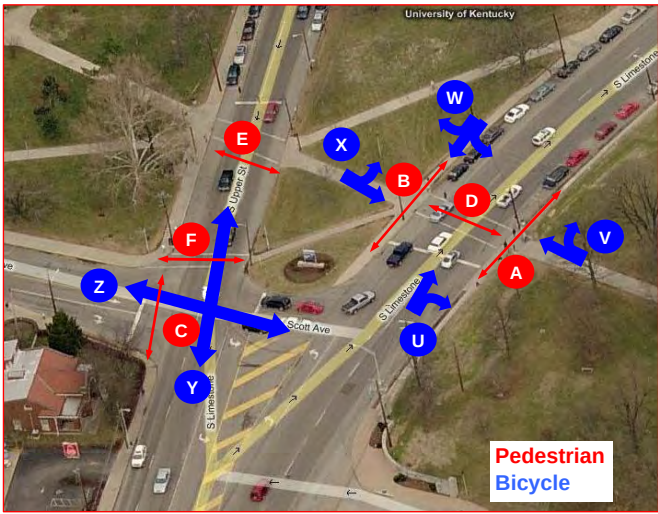
2009 PM Pedestrian and Bicycle Peak Hour Counts



Limestone spot count 4:00-4:30 between Maxwell and High St showed 6 midblock pedestrians. Upper spot count 4:30-5:00 between Maxwell and High showed 4 midblock pedestrians

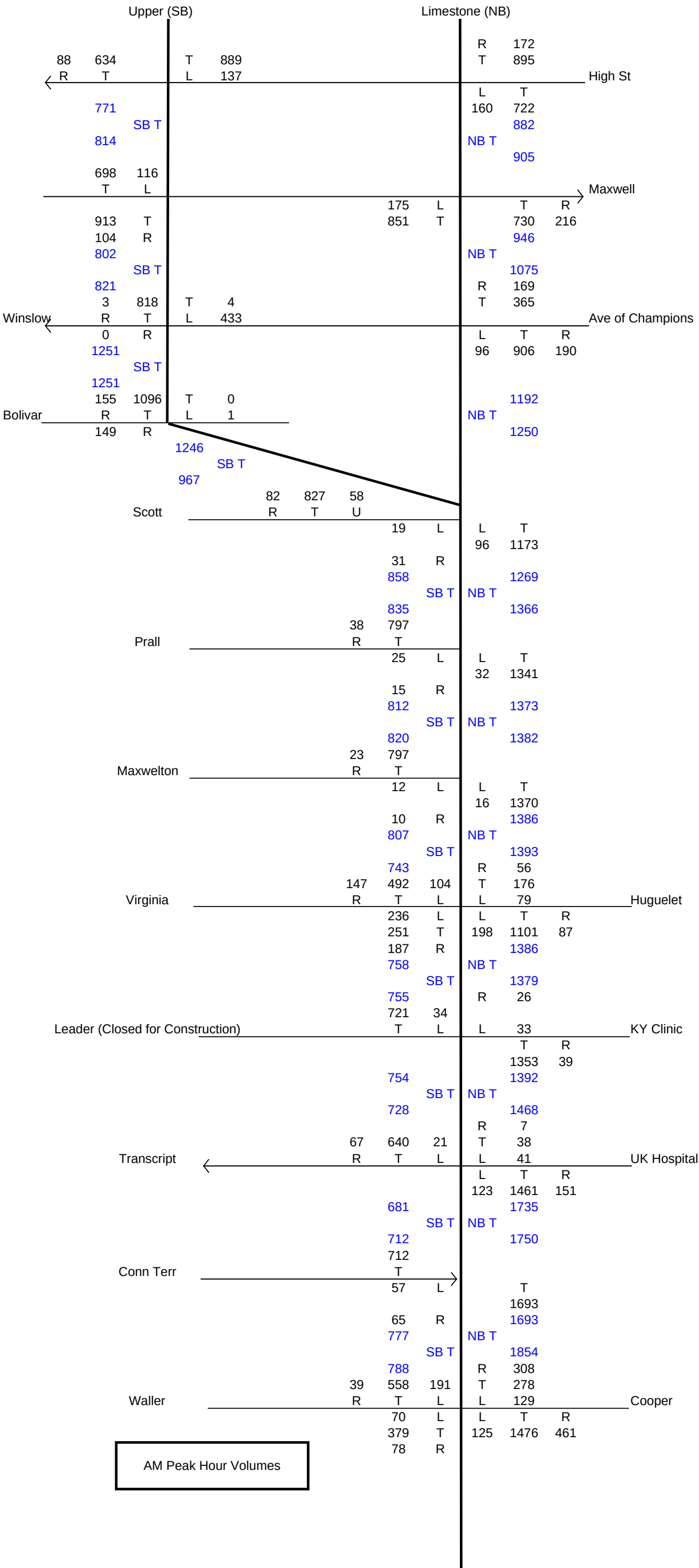
¹ Midblock from Winslow to Pine St
3:30-4:00 spot count showed 26 midblock peds from Pine St to Maxwell

²Midblock from Bolivar to Winslow

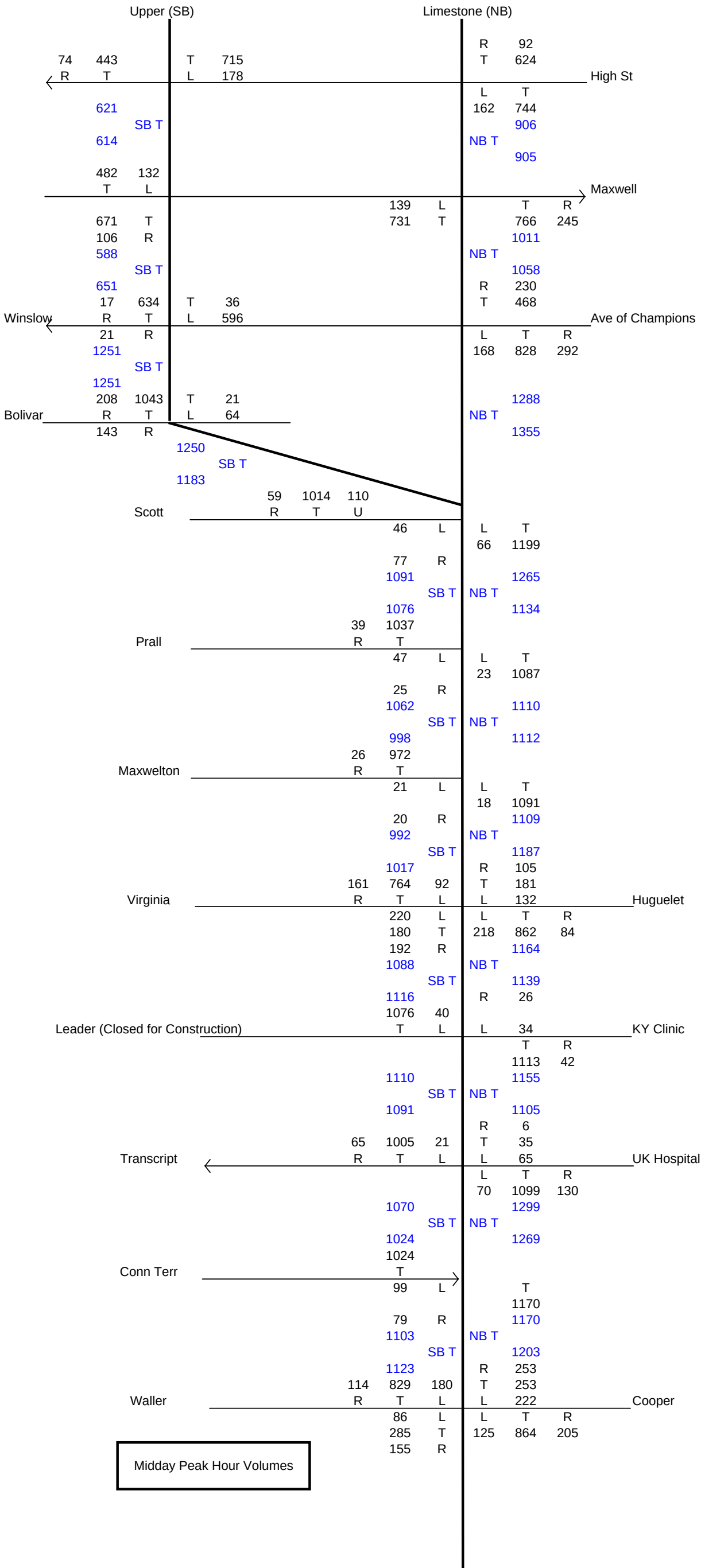


A	121	U	5
B	41	V	4
C	101	W	6
D	440	X	18
E	142	Y	17
F	269	Z	14

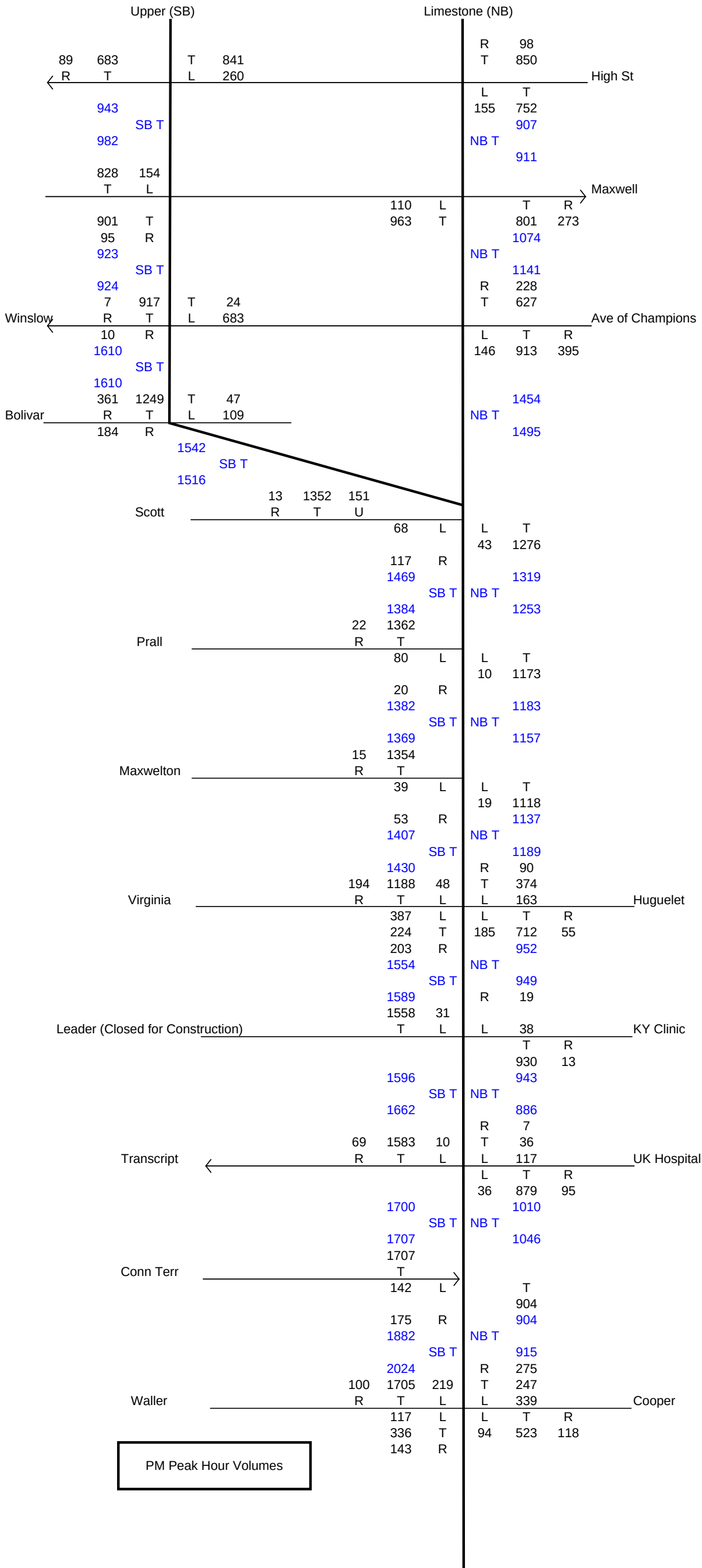
2009 AM Motor Vehicle Peak Hour Counts



2009 Midday Motor Vehicle Peak Hour Counts



2009 PM Motor Vehicle Peak Hour Counts



Appendix B

2009 Travel Delay and Level of Service

2009 AM Travel Delay and Level of Service

[illegible]

2009 Midday Travel Delay and Level of Service

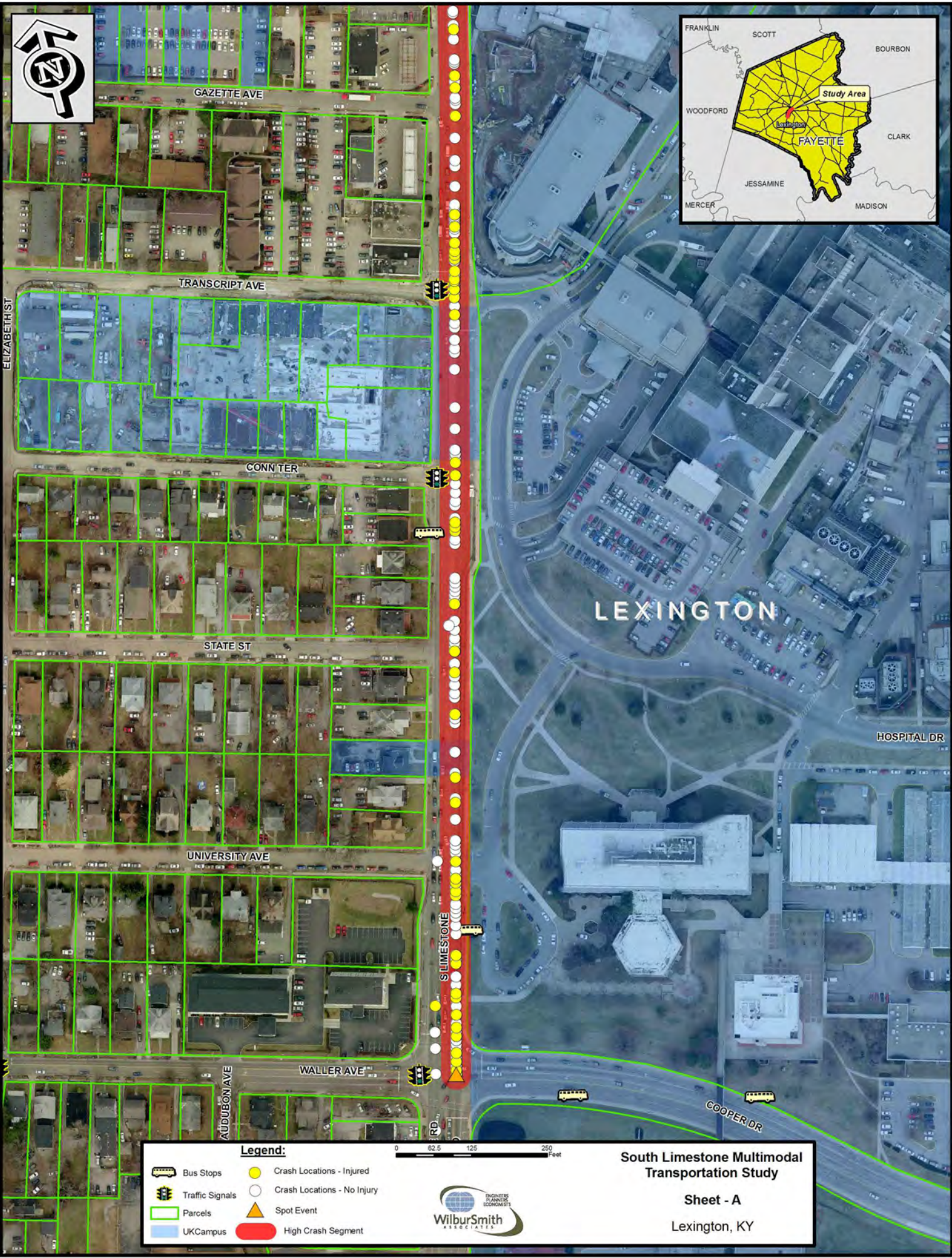
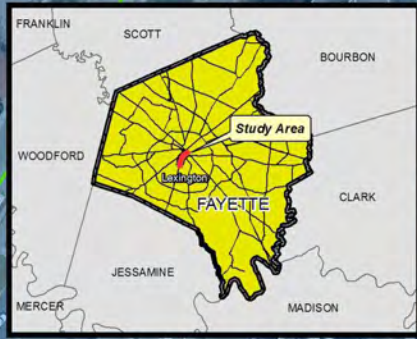
		Eastbound			Westbound			Northbound			Southbound		
	Intersection	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Waller & Lime	69.0/E	122.2/F			77.1/E			63.1/E			40.7/E		
		55.0/D	174.6/F	52.9/D	102.5/F	80.2/F	54.3/D	165.1/F	47.5/D	34.1/C	89.2/F	31.6/C	31.8/C
Conn & Lime	14.4/B	67.9/E						13.4/B			5.6/A		
		75.2/E		59.8/E					13.4/B			5.6/A	
Transcript & Lime	15.1/B				73.3/E			17.9/B			5.0/A		
						74.6/E	57.7/E	12.5/B	18.8/B	14.6/B	2.0/A	5.2/A	3.6/A
Leader & Lime	4.3/A				70.6/E			3.1/A			1.6/A		
					70.6/E				3.1/A	2.0/A	1.8/A	1.6/A	
Virginia & Lime	44.0/D	72.1/D			80.1/F			30.9/C			25.4/C		
		70.3/E	67.1/E	78.3/E	109.3/F	67.3/E		69.6/E	20.1/C		15.5/B	26.4/C	
Maxwelton & Lime	4.4/A	70.8/E						1.7/A			3.9/A		
		70.8/E						0.6/A	1.7/A			3.9/A	3.8/A
Prall & Lime	4.9/A	71.0/E						1.9/A			3.0/A		
		71.0/E						1.9/A	1.9/A			3.0/A	
Ped Signal & Lime	12.7/B	0.0/A						12.7/B			0.0/A		
										12.7/B			
Euclid & Lime	16.4/B	0.0/A			15.9/B			16.7/B			0.0/A		
						15.3/B	17.1/B	15.1/B	21.5/C				
High & Lime	18.6/B	0.0/A			15.2/B			21.0/C			0.0/A		
						15.6/B	12.3/B	21.0/C					
Maxwell & Lime	9.1/A	9.6/A			0.0/A			8.6/A			0.0/A		
			9.6/A						9.7/A	5.2/A			
Vine & Lime	5.4/A	6.6/A			0.0/A			3.9/A			0.0/A		
		1.1/A	7.1/A						3.9/A				
Main & Lime	18.0/B	0.0/A			14.3/B			23.8/C			0.0/A		
						14.6/B	11.1/B	24.9/C	23.3/C				
Main & Upper	9.7/A	0.0/A			7.1/A			0.0/A			19.4/B		
						7.1/A						19.4/B	
Vine & Upper	13.7/B	14.3/B			0.0/A			0.0/A			12.6/B		
			14.3/B								11.1/B	13.1/B	
Maxwell & Upper	20.1/C	18.6/B			0.0/A			0.0/A			21.8/C		
			18.6/B									21.8/C	
High & Upper	10.6/B	0.0/A			9.4/A			0.0/A			12.6/B		
						9.4/A						13.8/B	6.3/A
Euclid & Upper	7.9/A	11.2/B			9.6/A			0.0/A			6.1/A		
				11.2/B	17.4/B	1.8/A						6.1/A	
Ped Signal & Upper	10.2/B				0.0/A			0.0/A			10.2/B		

2009 PM Travel Delay and Level of Service

[illegible]

Appendix C

Vehicle Crash Data by Severity (KYTC CRASH database only)



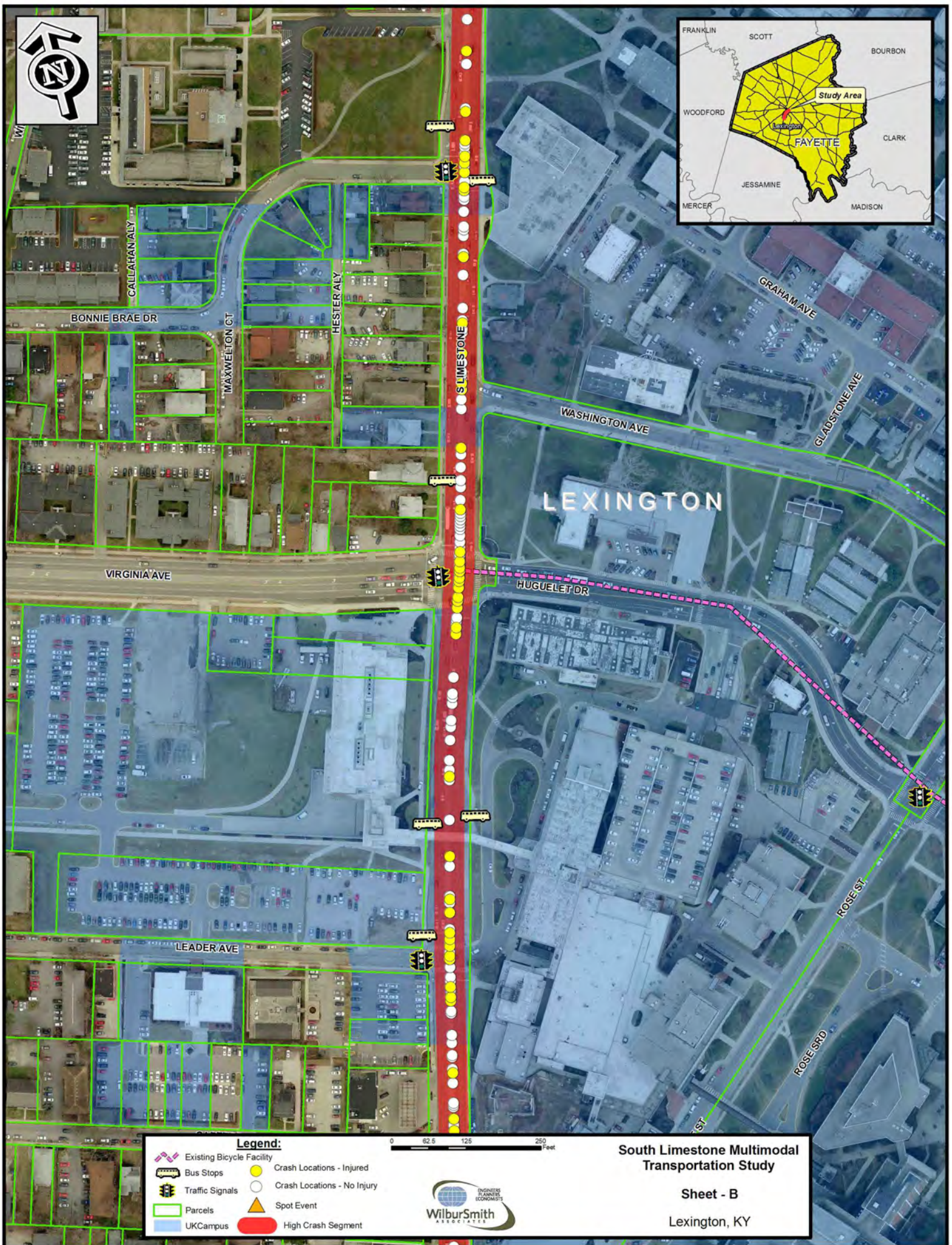
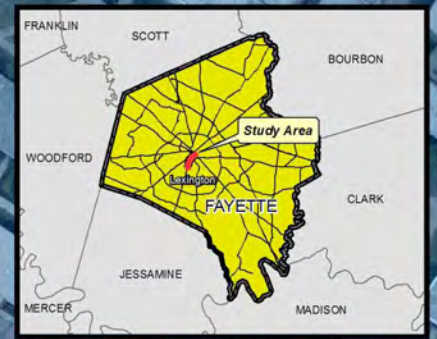
- Legend:**
- Bus Stops
 - Traffic Signals
 - Parcels
 - UK Campus
 - Crash Locations - Injured
 - Crash Locations - No Injury
 - Spot Event
 - High Crash Segment



**South Limestone Multimodal
Transportation Study**

Sheet - A

Lexington, KY



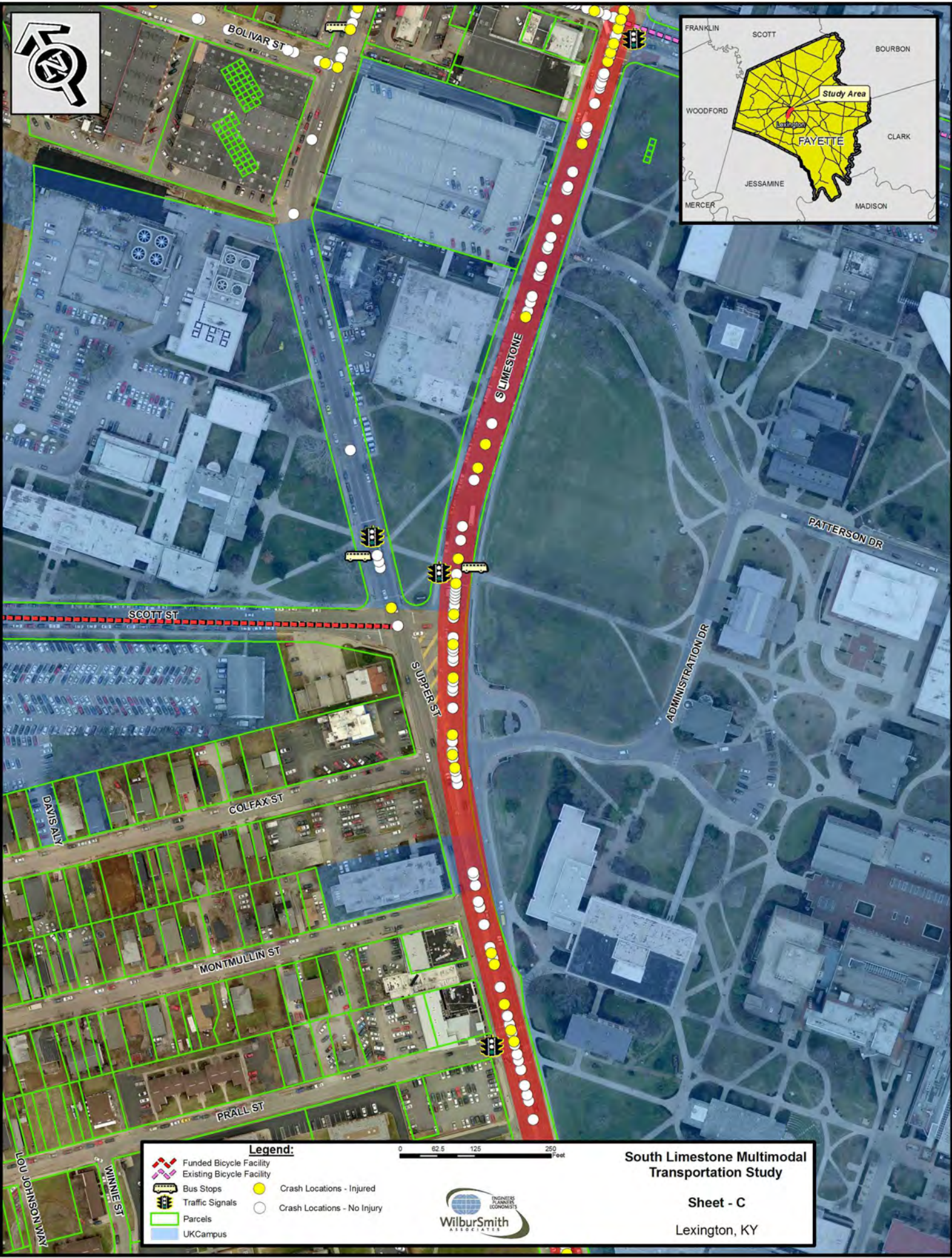
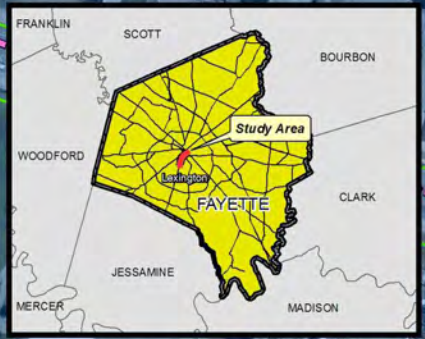
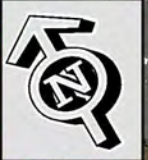
- Legend:**
- Existing Bicycle Facility
 - Bus Stops
 - Traffic Signals
 - Parcels
 - UKCampus
 - Crash Locations - Injured
 - Crash Locations - No Injury
 - Spot Event
 - High Crash Segment



South Limestone Multimodal Transportation Study

Sheet - B

Lexington, KY



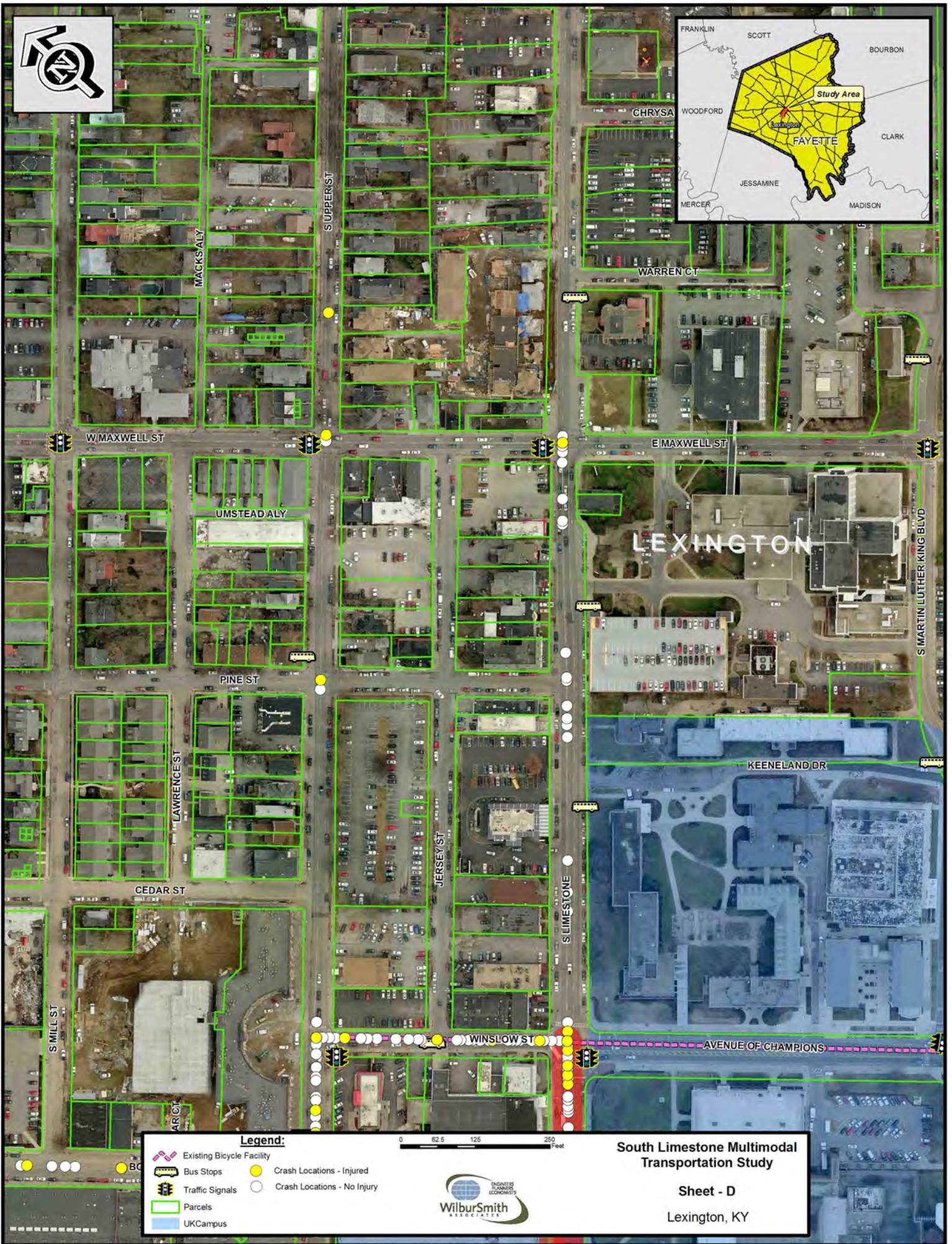
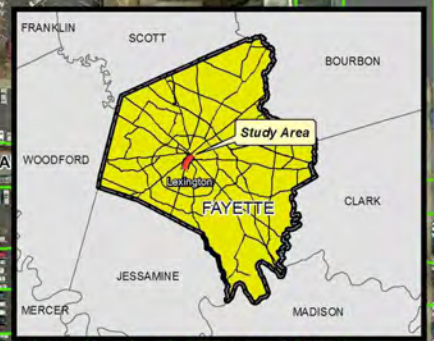
- Legend:**
- Funded Bicycle Facility
 - Existing Bicycle Facility
 - Bus Stops
 - Traffic Signals
 - Parcels
 - UKCampus
 - Crash Locations - Injured
 - Crash Locations - No Injury



**South Limestone Multimodal
Transportation Study**

Sheet - C

Lexington, KY



Legend:

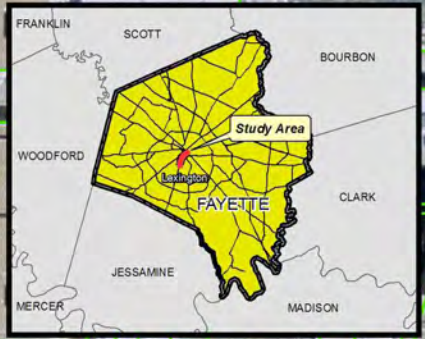
- Existing Bicycle Facility
- Bus Stops
- Crash Locations - Injured
- Crash Locations - No Injury
- Traffic Signals
- Parcels
- UK Campus



**South Limestone Multimodal
Transportation Study**

Sheet - D

Lexington, KY



- Legend:**
- Existing Bicycle Facility
 - Bus Stops
 - Traffic Signals
 - Parcels
 - UK Campus
 - Crash Locations - Injured
 - Crash Locations - No Injury

0 62.5 125 250 Feet

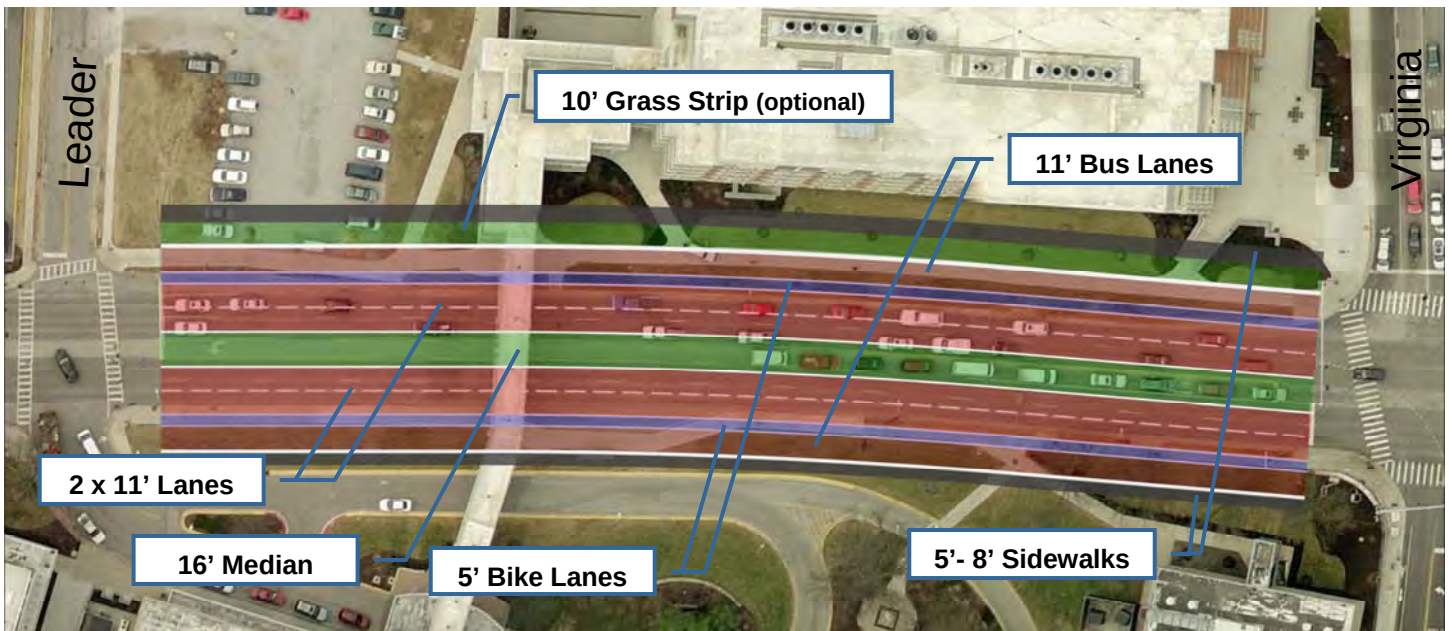


South Limestone Multimodal Transportation Study
Sheet - E
Lexington, KY

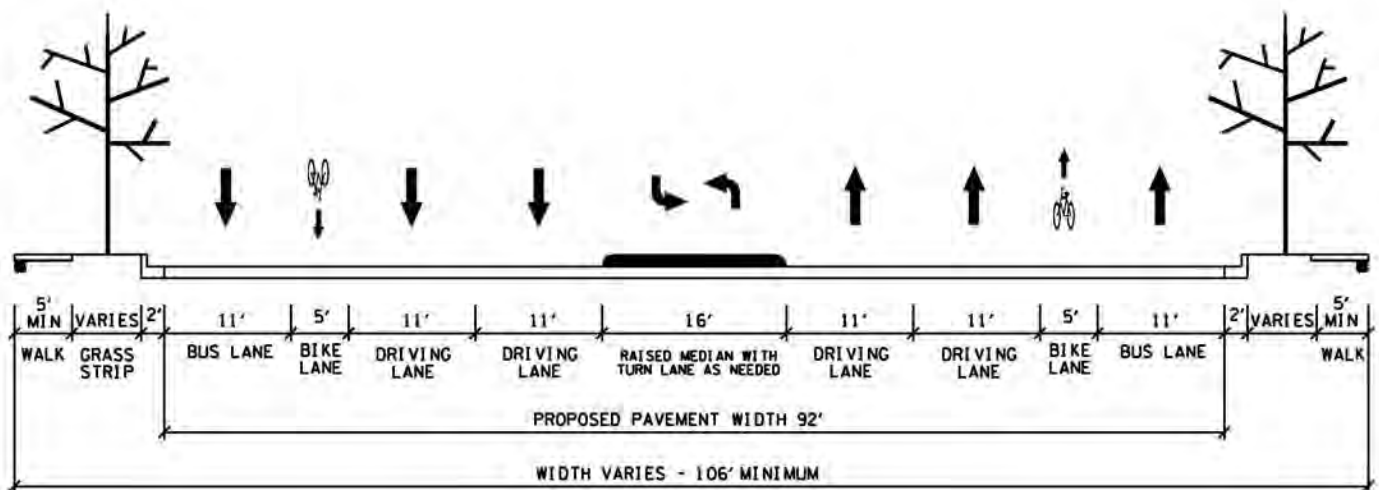
Appendix D

Alternative Concepts

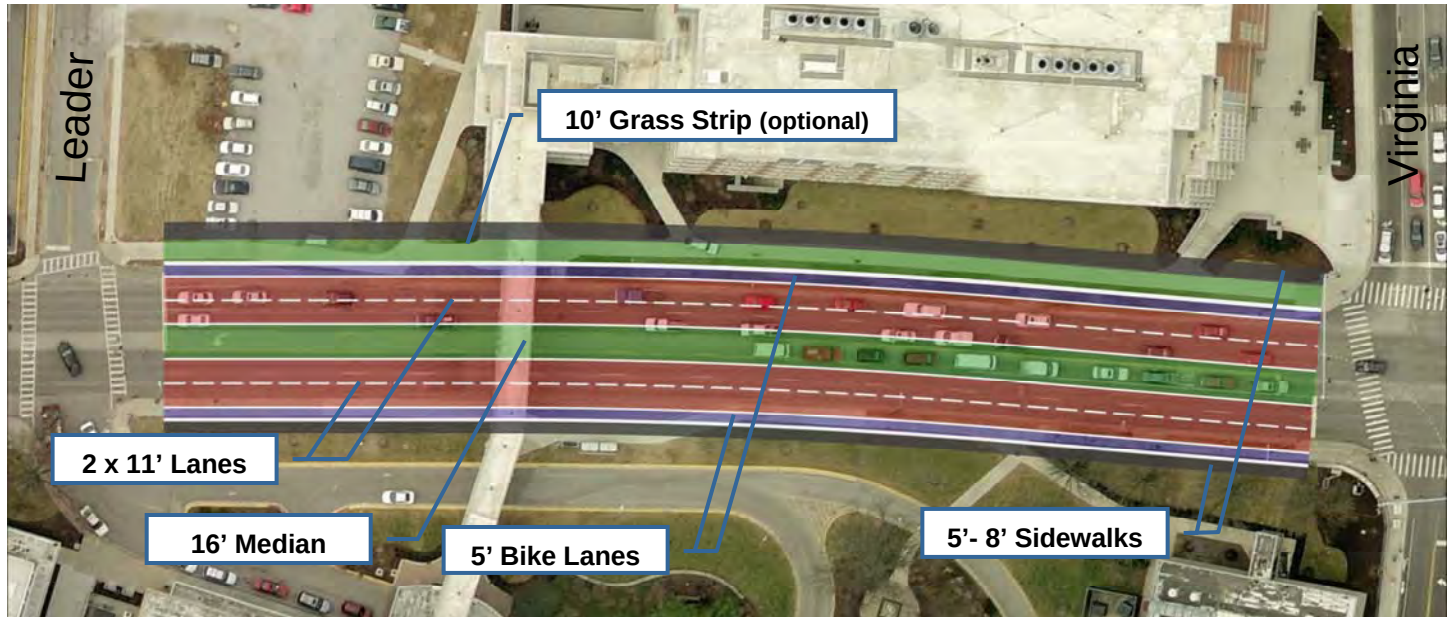
6-Lane Roadway with Exclusive Bus and Bike Lanes



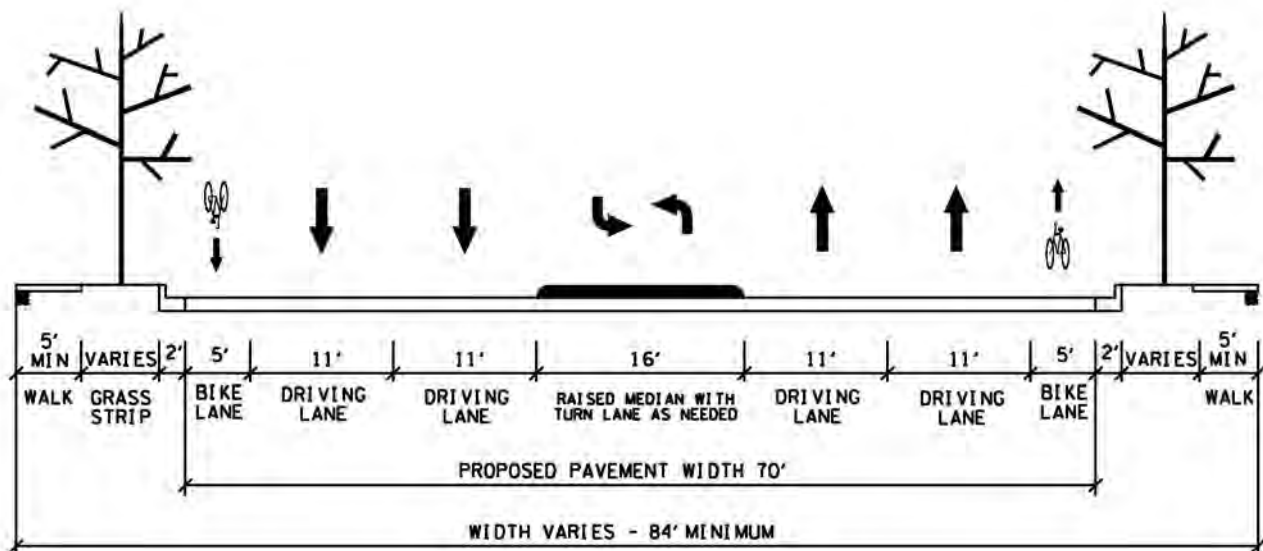
Description: This option provides 3 lanes in each direction. One of those three would be for the exclusive use of buses. Bike lanes and sidewalks would be provided and a median would be wide enough for left turn lanes at intersections, as needed.



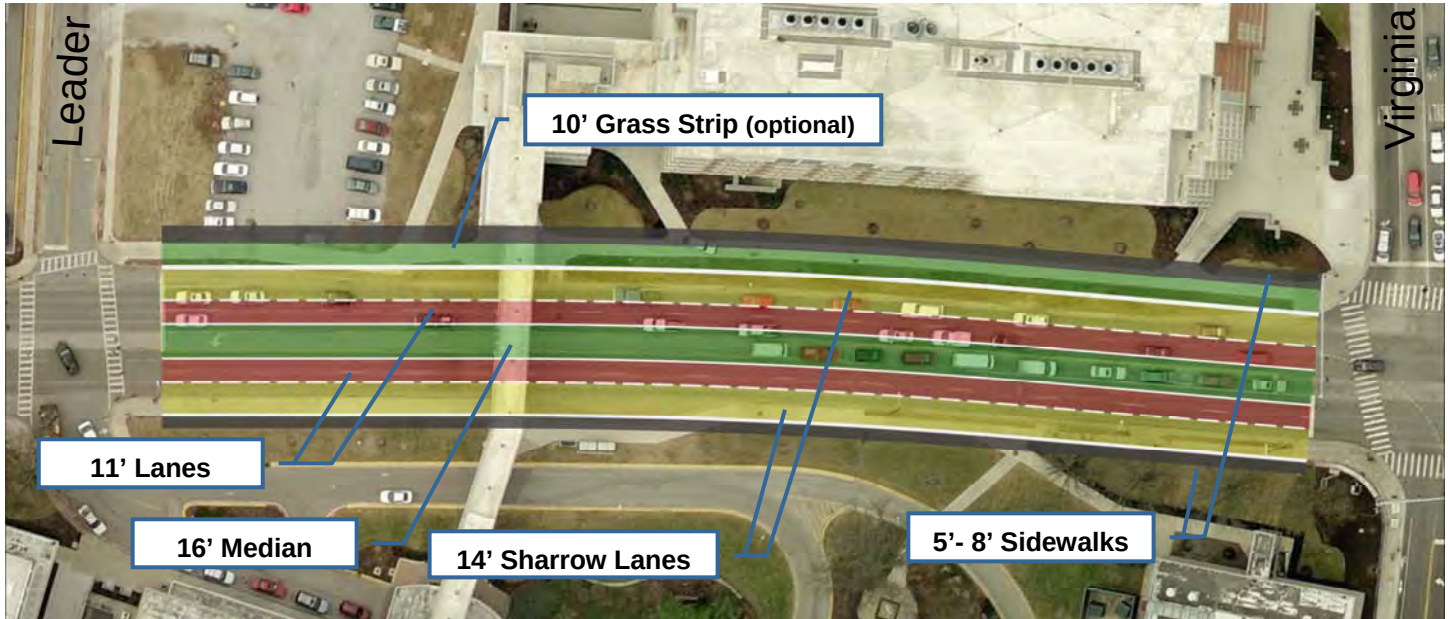
4-Lane Roadway with Median and Bike Lanes



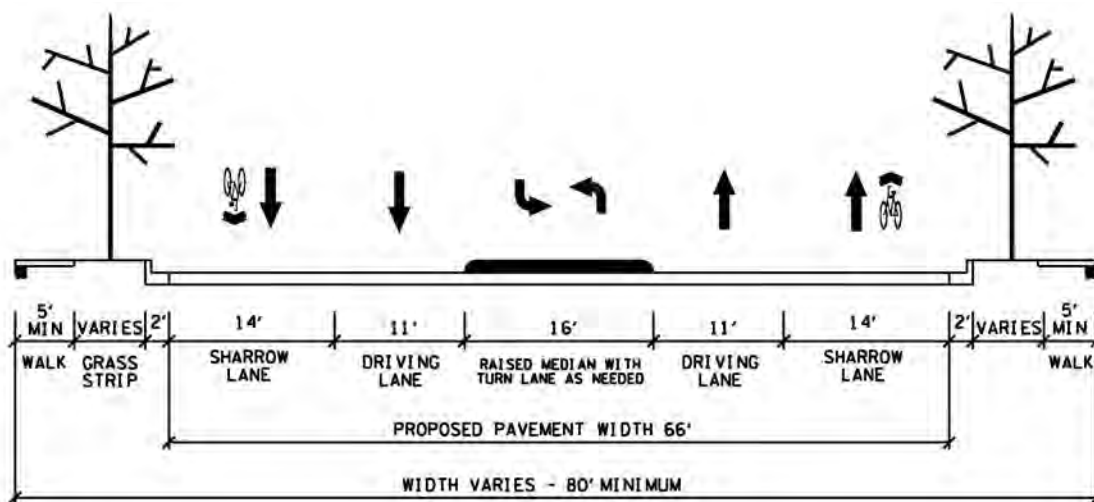
Description: This option provides 2 lanes in each direction. Bike lanes and sidewalks would be provided and a median would be wide enough for left turn lanes at intersections, as needed.



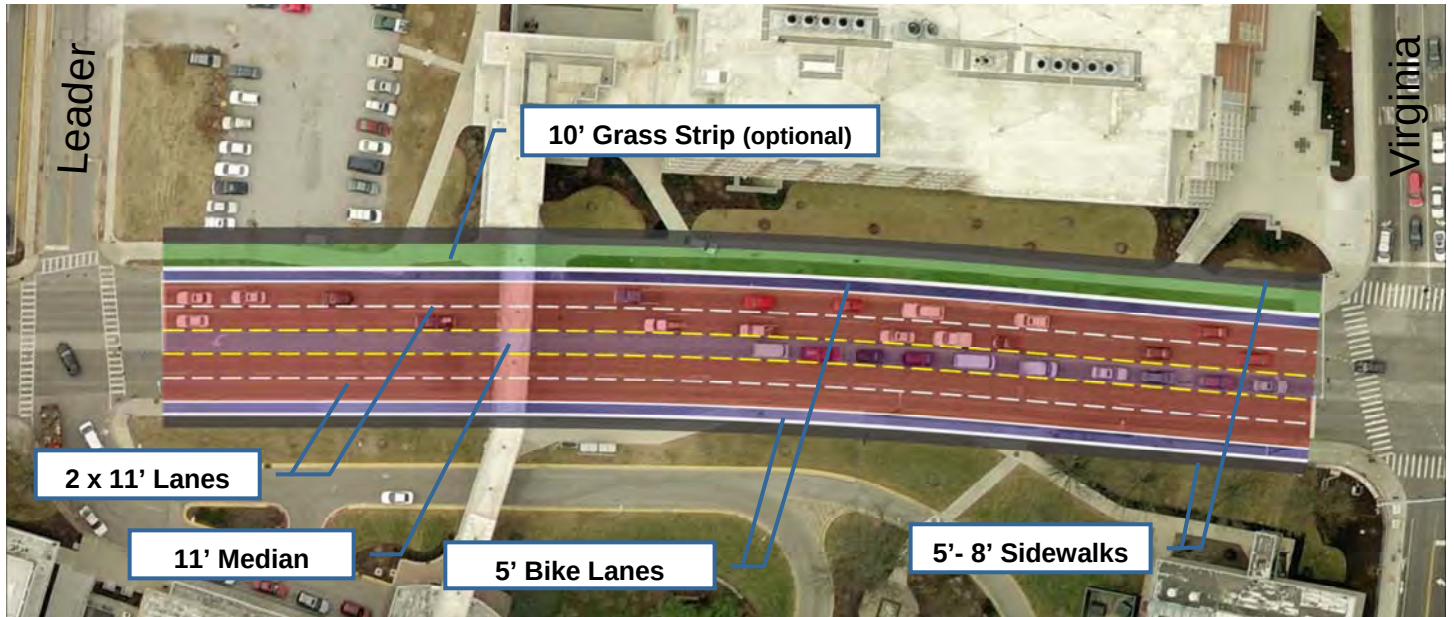
4-Lane Roadway with Median and Sharrow Lanes



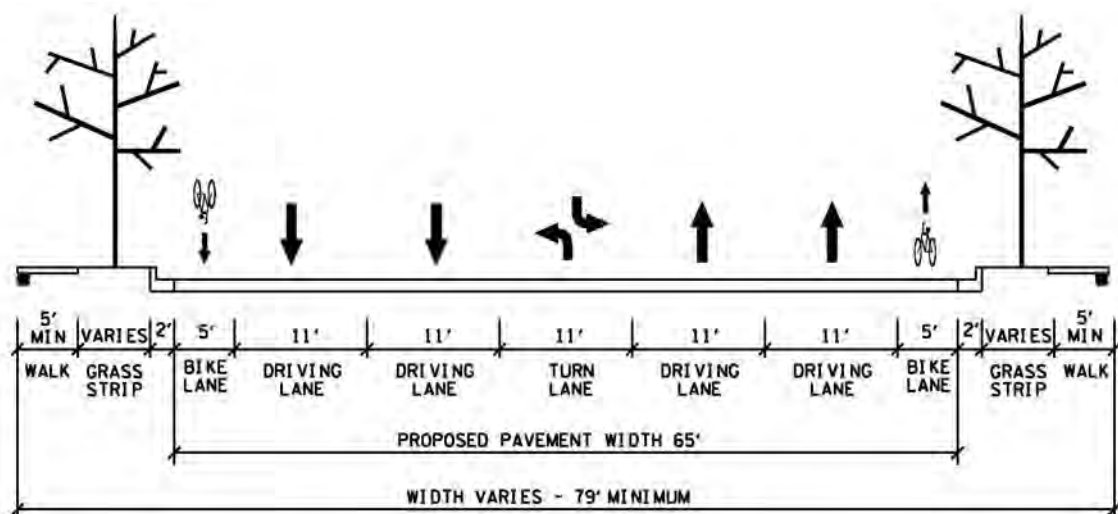
Description: This option provides 2 lanes in each direction. The inside lanes would be 11-foot, while the outside lanes would be 14-foot sharrow lanes to accommodate both bikes and autos. An alternative would be to limit the sharrow lane to bus/bike only. Sidewalks would be provided and a median would be wide enough for left turn lanes at intersections, as needed.



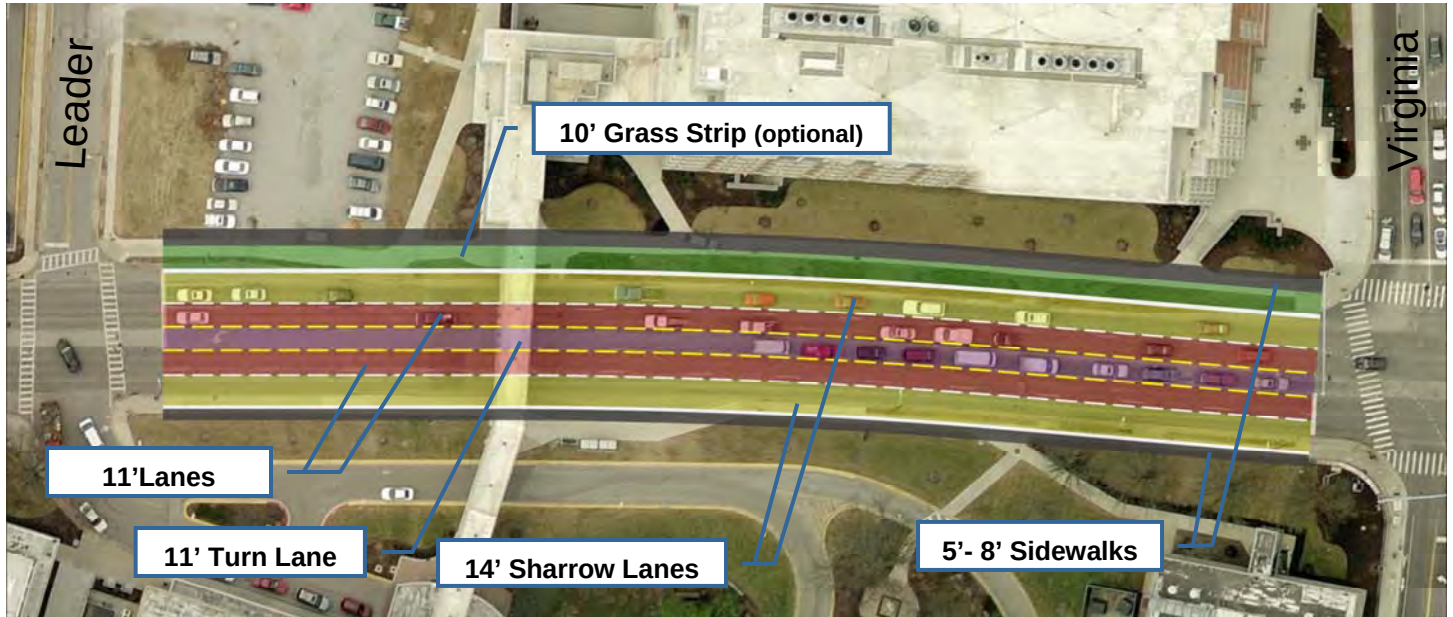
5-Lane Roadway with Bike Lanes



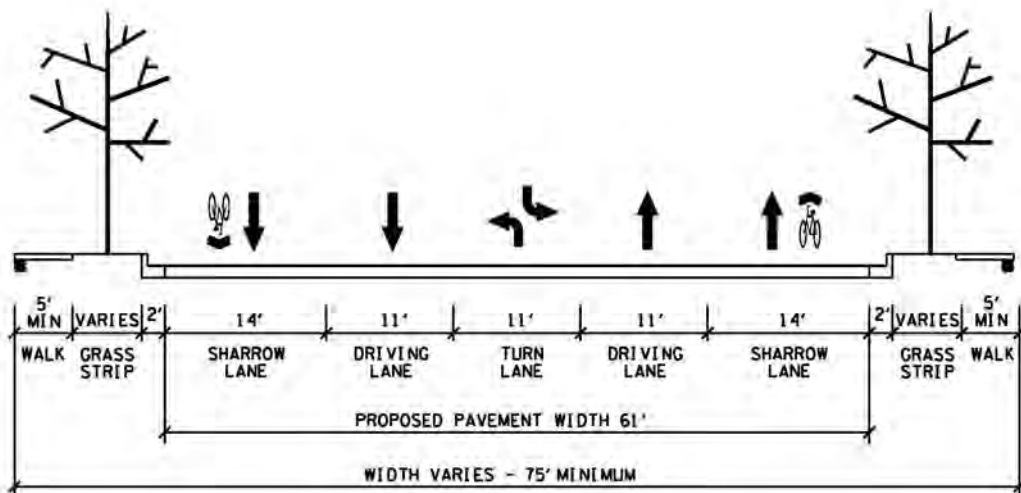
Description: This option provides 2 lanes in each direction. Bike lanes and sidewalks would be provided. A center left-turn lane is also provided. Reversible lanes could also be considered as part of this option.



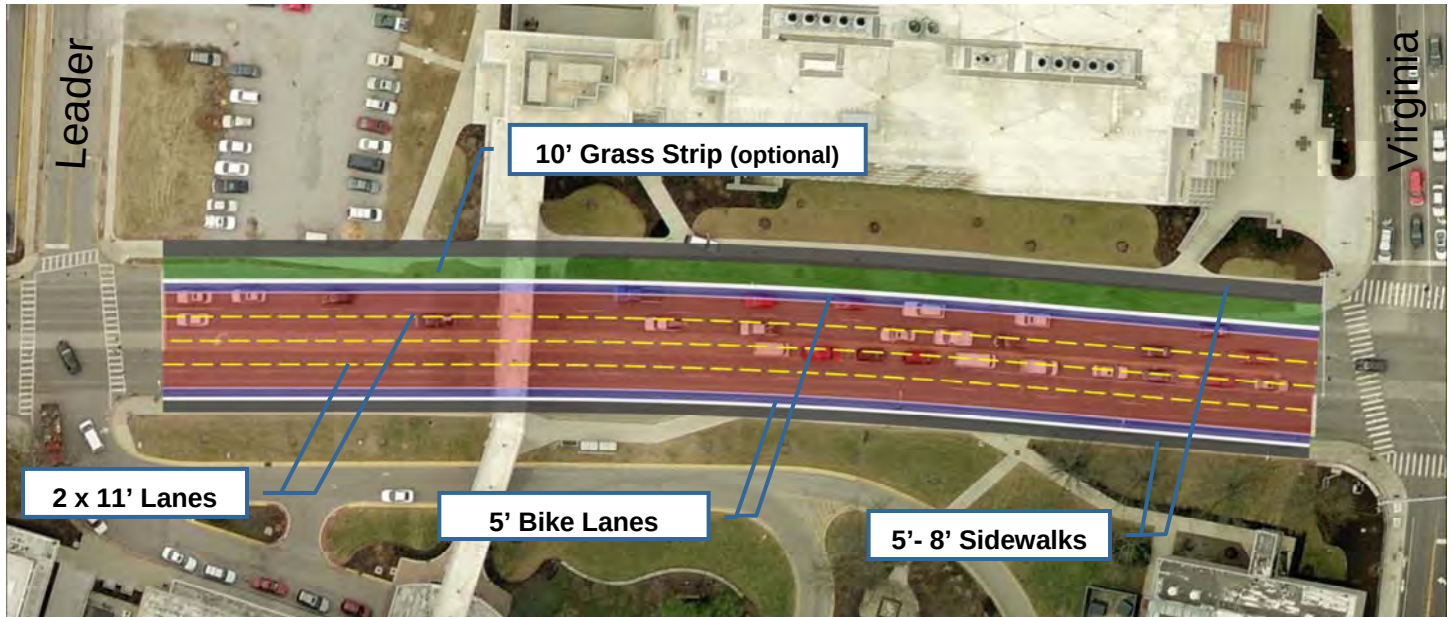
5-Lane Roadway with Sharrow Lanes



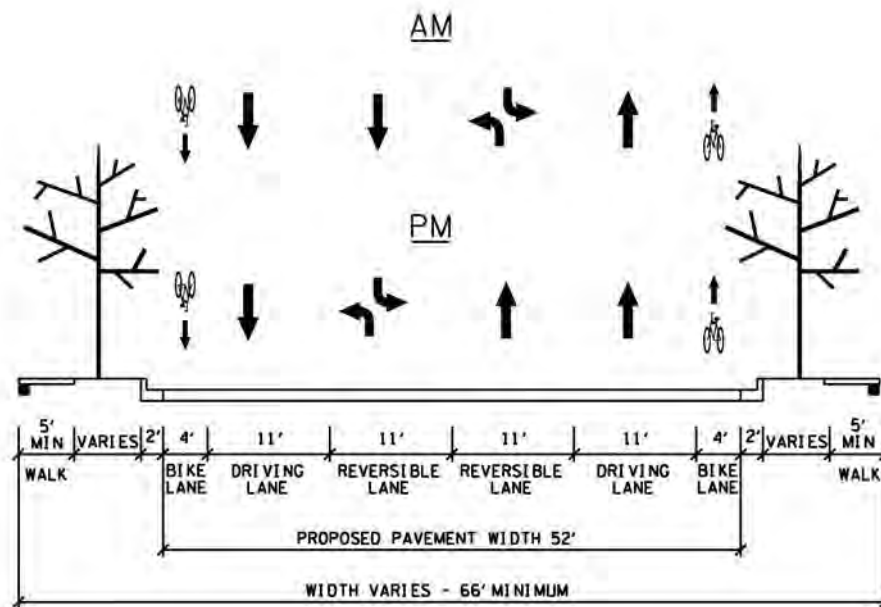
Description: This option provides 2 lanes in each direction. The inside lanes would be 11-foot, while the outside lanes would be 14-foot sharrow lanes to accommodate both bikes and autos. Sidewalks and a center left-turn lane are also provided.



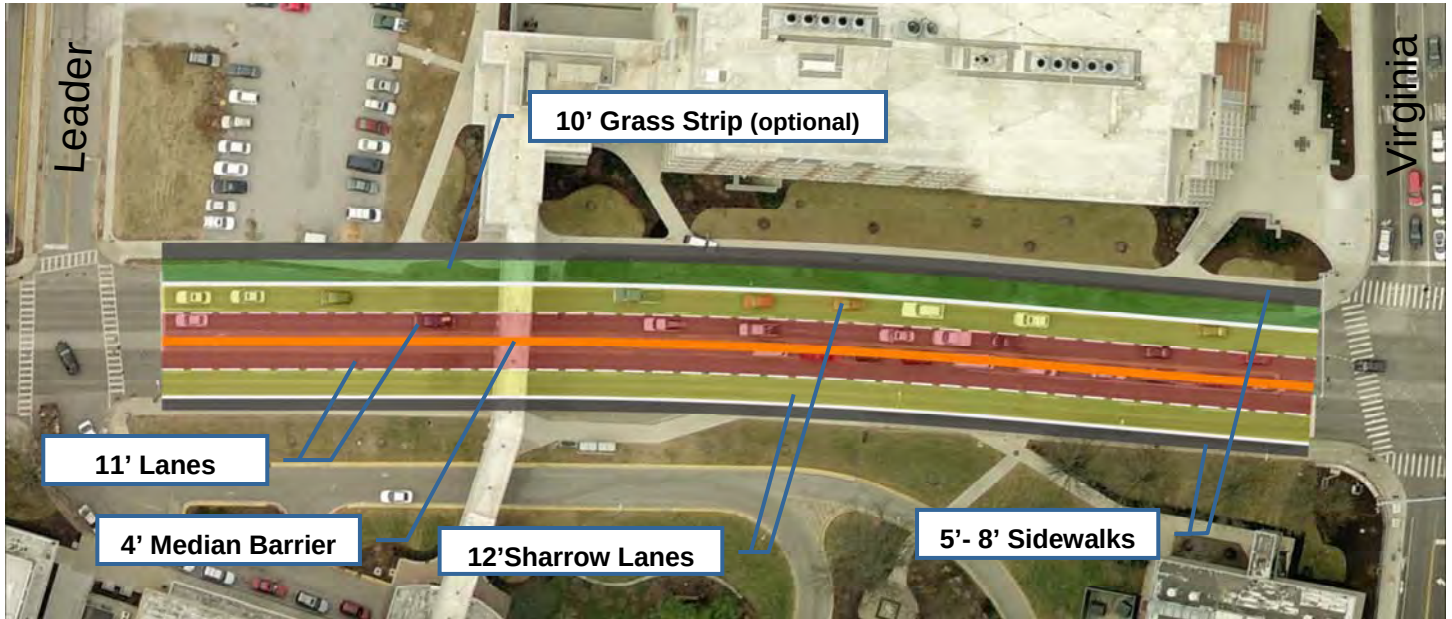
Reversible 4-Lane Roadway with Bike Lanes



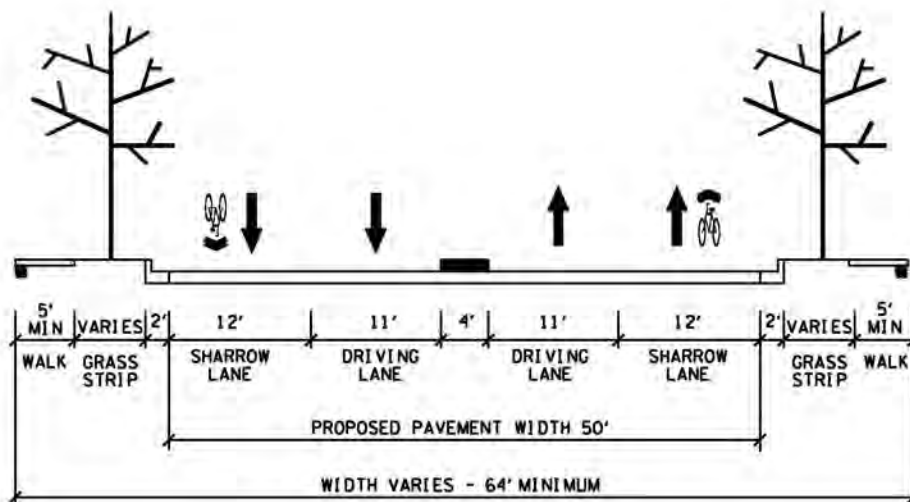
Description: This option provides 2 lanes in each direction. Bike lanes and sidewalks are provided. Reversible lanes could also be considered as part of this option.



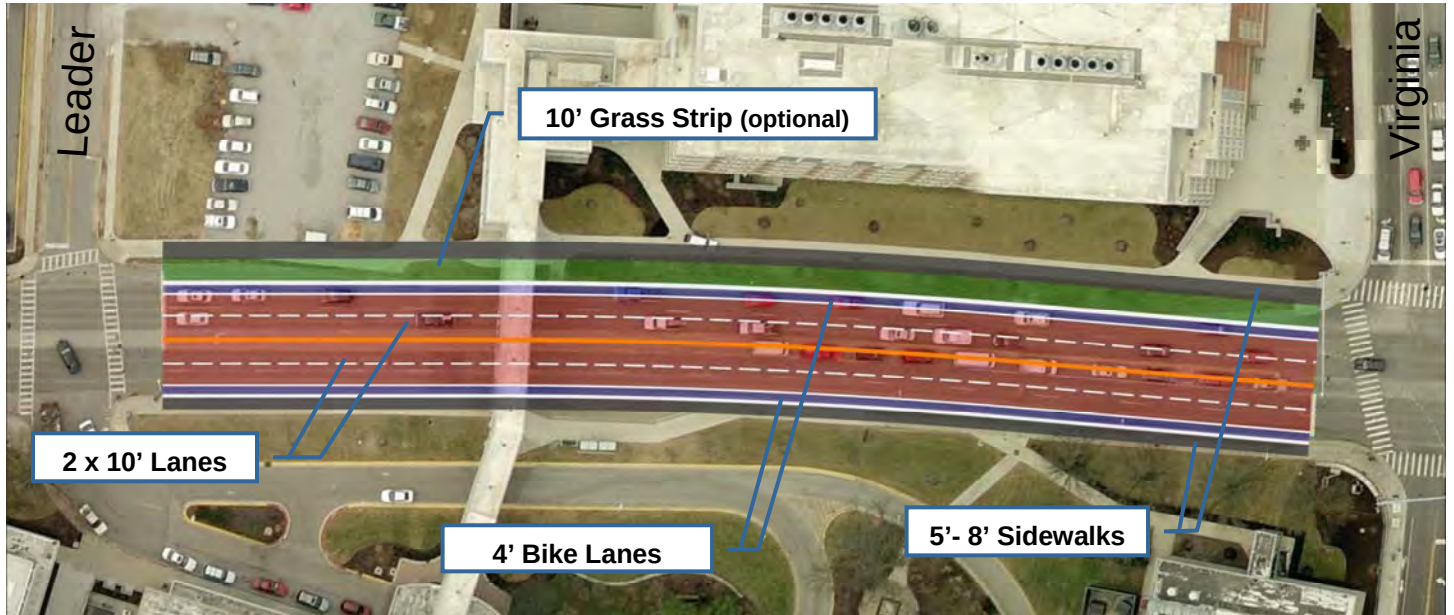
4-Lane Roadway with Median and Sharrow Lanes



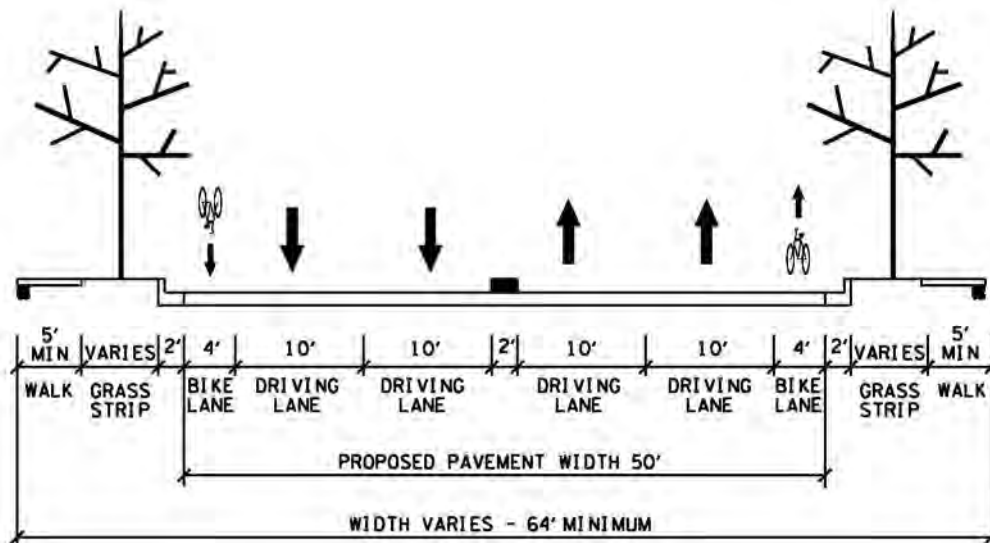
Description: This option provides 2 lanes in each direction. The inside lanes would be 11-foot, while the outside lanes would be 12-foot sharrow lanes to accommodate both bikes and autos. An alternative would be to limit the sharrow lane to bus/bike only. Left turns would be restricted by a median barrier. Sidewalks would be provided.



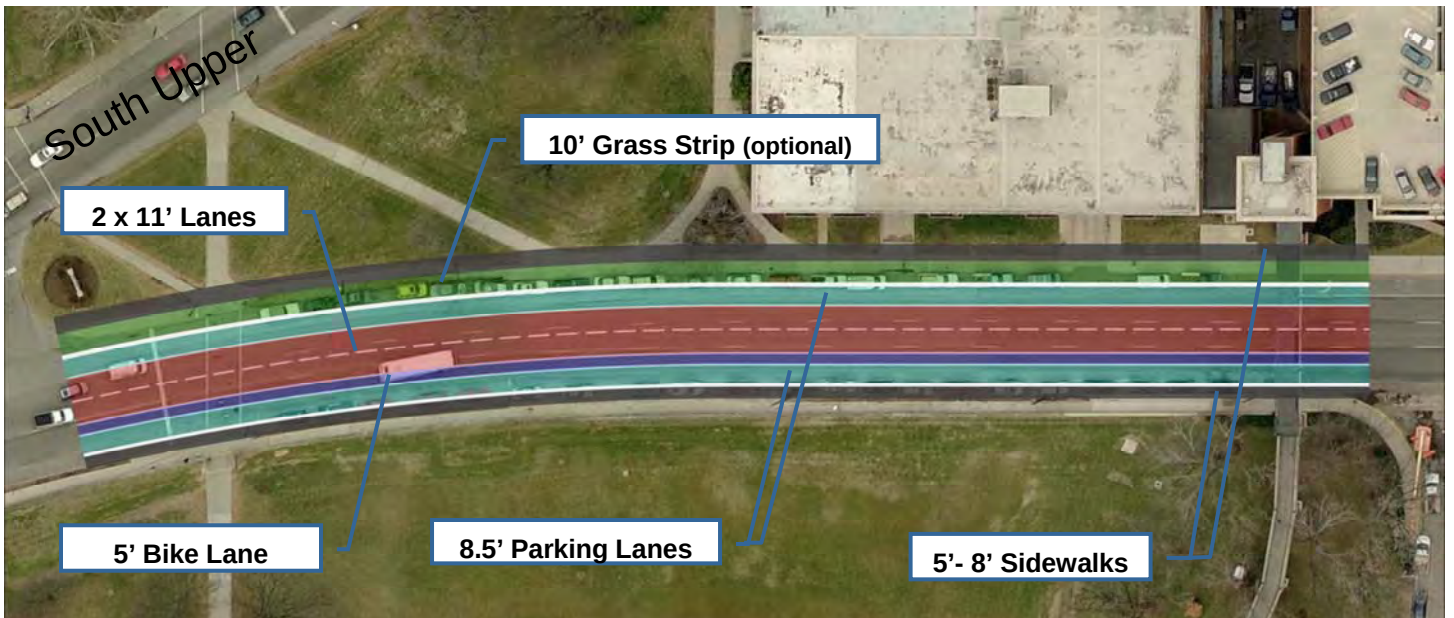
4-Lane Roadway with Bike Lanes



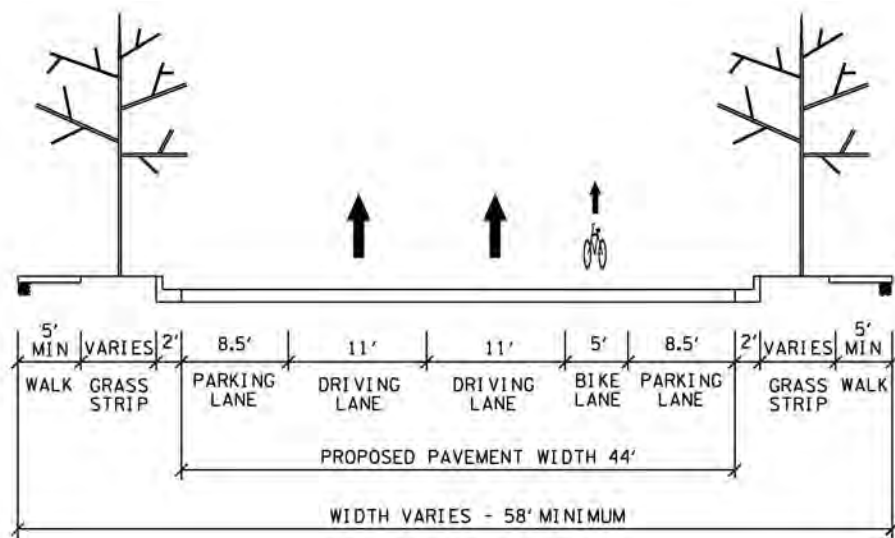
Description: This option provides 2 lanes in each direction. Bike lanes and sidewalks would be provided.



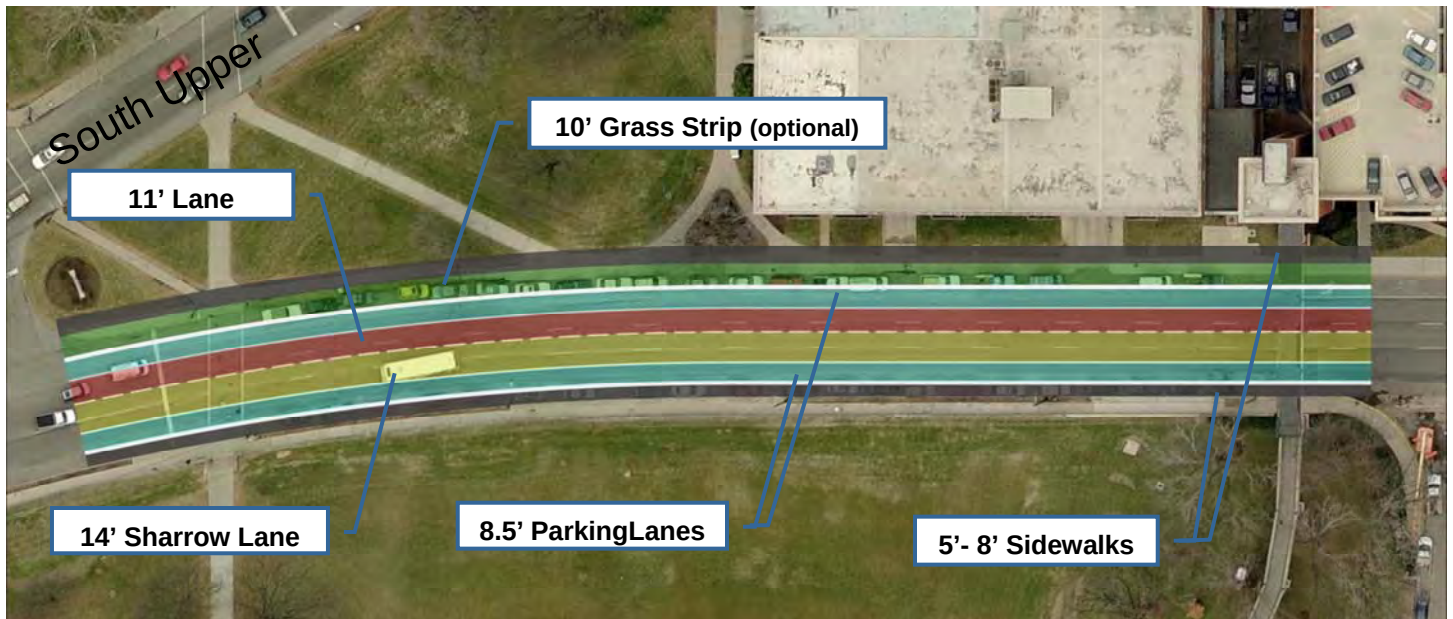
2-Lane 1-Way Roadway with Bike Lanes and Parking



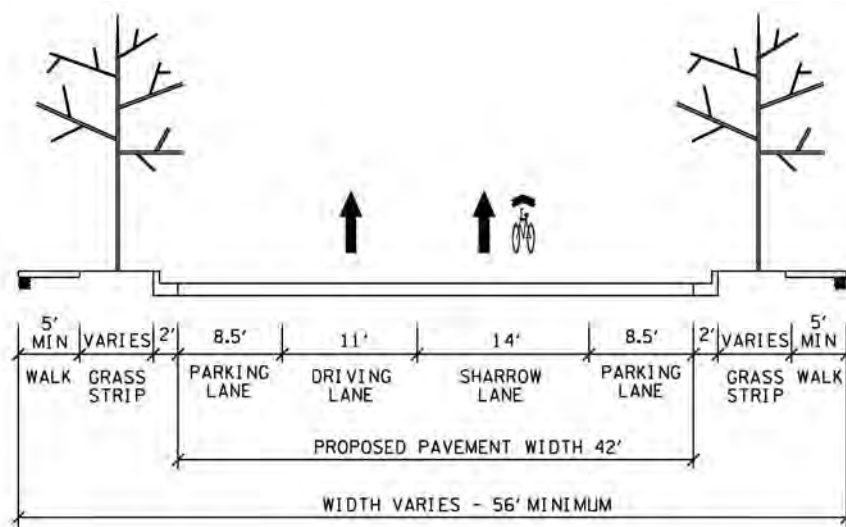
Description: This option provides 2 northbound lanes. A northbound bike lane would be provided. Sidewalks and parking on both sides would also be included.



2-Lane 1-Way Roadway with Sharrow Lane and Parking

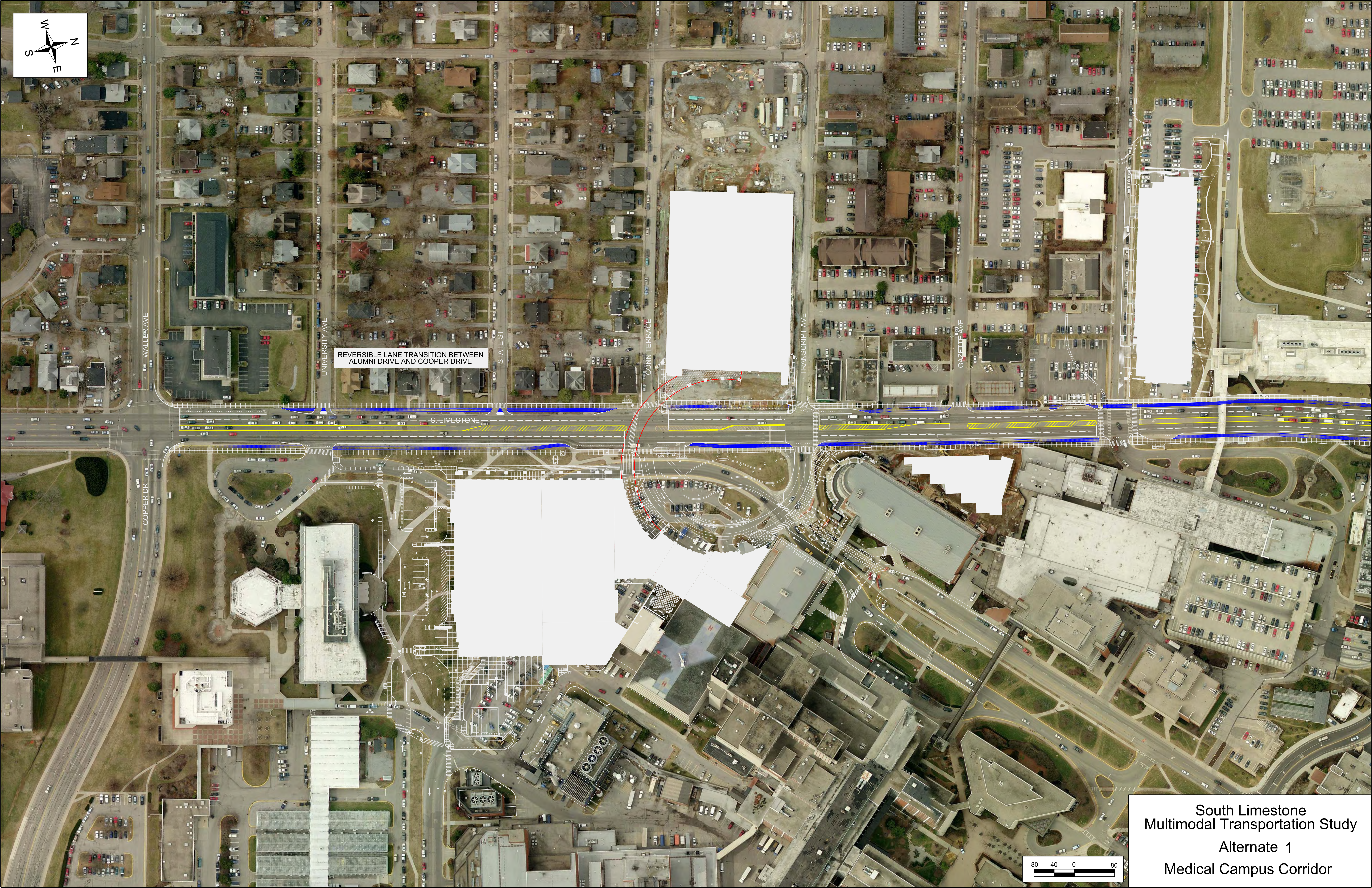
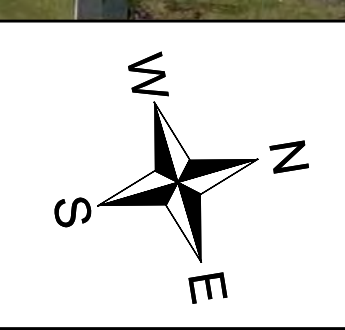


Description: This option provides 2 northbound lanes. The inside lane would be 11-foot, while the outside lanes would be a 14-foot sharrow lane to accommodate both bikes and autos. Sidewalks and parking would be provided on both sides.



Appendix E

Three Alternatives
Presented to Public on
October 27, 2009



REVERSIBLE LANE TRANSITION BETWEEN
ALUMNI DRIVE AND COOPER DRIVE

S. LIMESTONE

STATE ST

CONN TERRACE

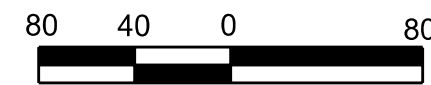
TRANSCRIPT AVE

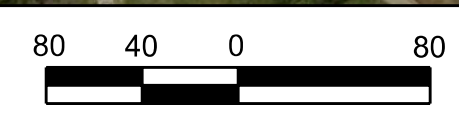
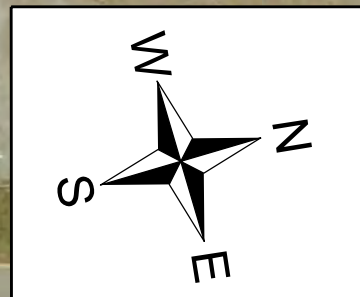
GAZETTE AVE

WALLER AVE

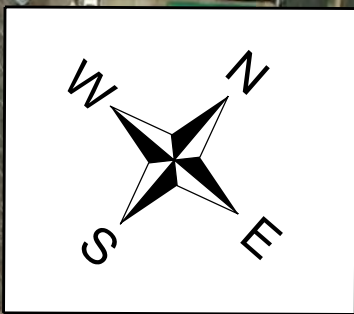
COPPER DR

South Limestone
Multimodal Transportation Study
Alternate 1
Medical Campus Corridor

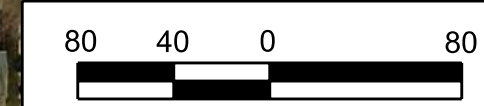


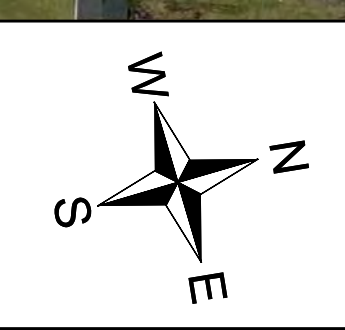


South Limestone
Multimodal Transportation Study
Alternate 1
University Corridor



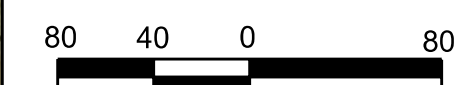
South Limestone
Multimodal Transportation Study
Alternate 1
Collegetown Corridor

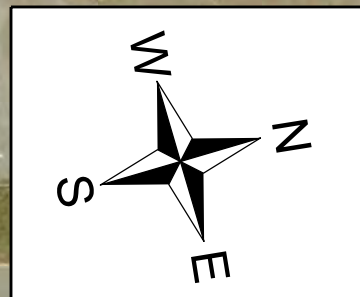




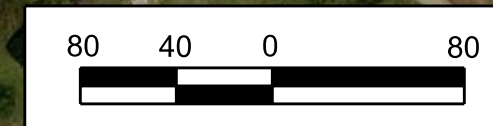
REVERSIBLE LANE TRANSITION BETWEEN
ALUMNI DRIVE AND COOPER DRIVE

South Limestone
Multimodal Transportation Study
Alternate 2
Medical Campus Corridor



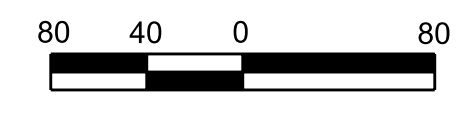


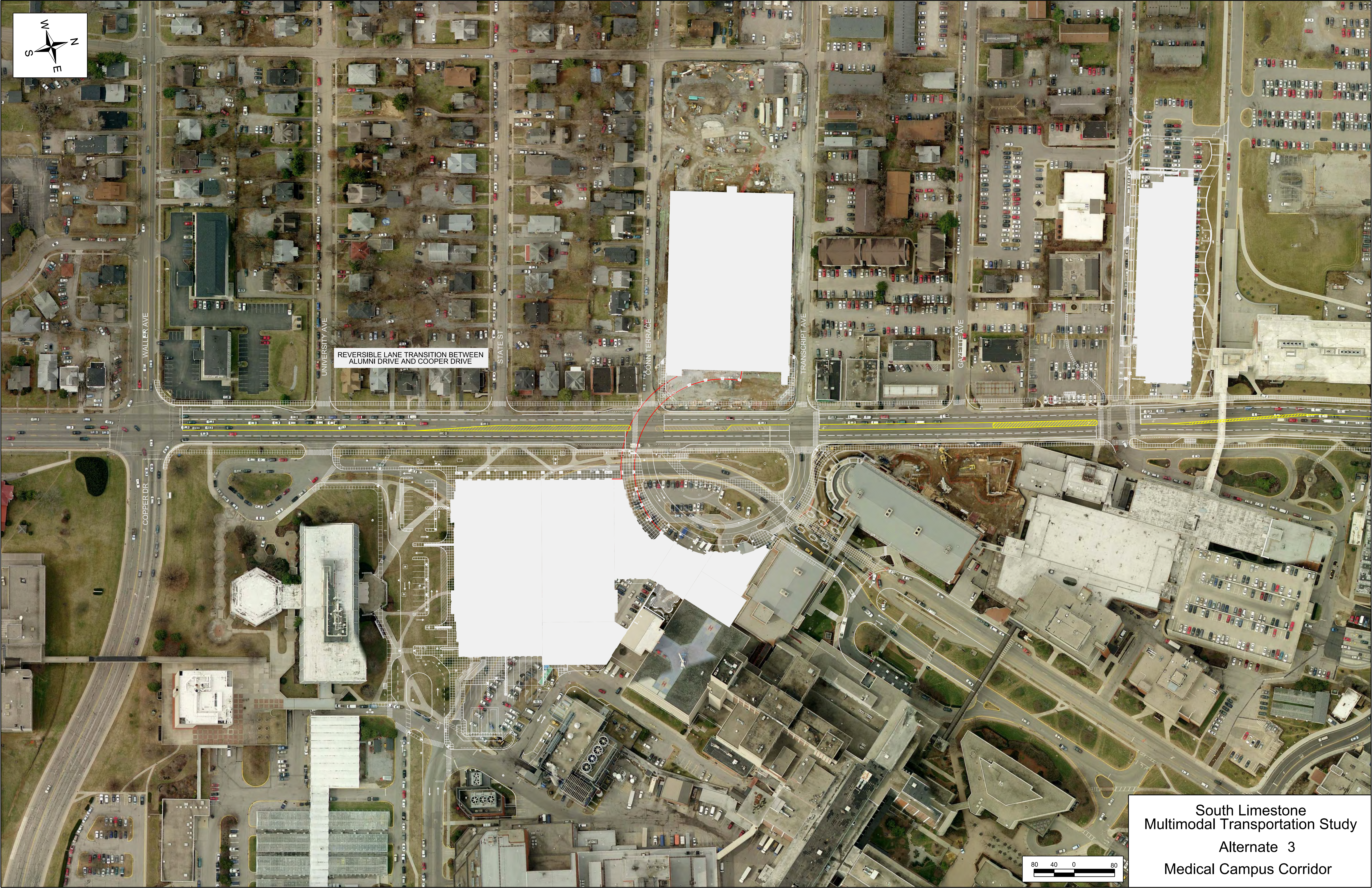
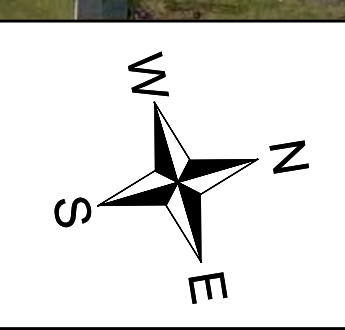
South Limestone
Multimodal Transportation Study
Alternate 2
University Corridor





South Limestone
Multimodal Transportation Study
Alternate 2
Collegetown Corridor

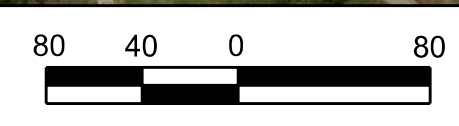
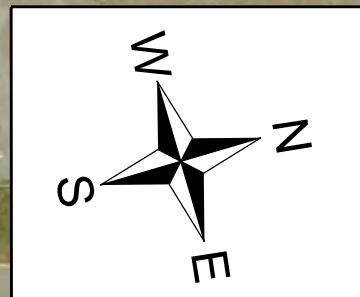




REVERSIBLE LANE TRANSITION BETWEEN
ALUMNI DRIVE AND COOPER DRIVE

South Limestone
Multimodal Transportation Study
Alternate 3
Medical Campus Corridor





South Limestone
Multimodal Transportation Study
Alternate 3
University Corridor



South Limestone
Multimodal Transportation Study
Alternate 3
Collegetown Corridor

Appendix F

Landscaping Recommendations

CANOPY TREES



Ginkgo biloba
(Ginkgo)



Gleditsia triacanthos
(Honeylocust)



Tilia cordata
(Littleleaf Linden)



Ulmus parvifolia
(Chinese Elm)

SHRUBS



Ilex crenata 'Helleri'
(Helleri Holly)
Low, evergreen shrub for use in formal hedgerows.



Aronia melanocarpa
(Black Chokeberry)
Low-growing deciduous, water-resistant plant for naturalized setting.



Juniperus chinensis 'Armstrongii'
(Armstrong Juniper)
Mounding, evergreen shrub for screening purposes.



Viburnum opulus var. *americanum*
(American Cranberry Bush)
Native, deciduous, flowering shrub for use in naturalized setting.

ORNAMENTAL / UNDERSTORY



Carpinus caroliniana
(American Hornbeam)



Cercis canadensis
(Eastern Redbud)



Cornus sp.
(Dogwood)



Malus sp.
(Crabapple)

MEDIAN SWALE / RAIN GARDEN



Aster novae-angliae
(New England Aster)



Lobelia siphilitica
(Great Blue Lobelia)



Schizachyrium scoparium
(Little Bluestem)



Solidago nemoralis
(Gray Goldenrod)