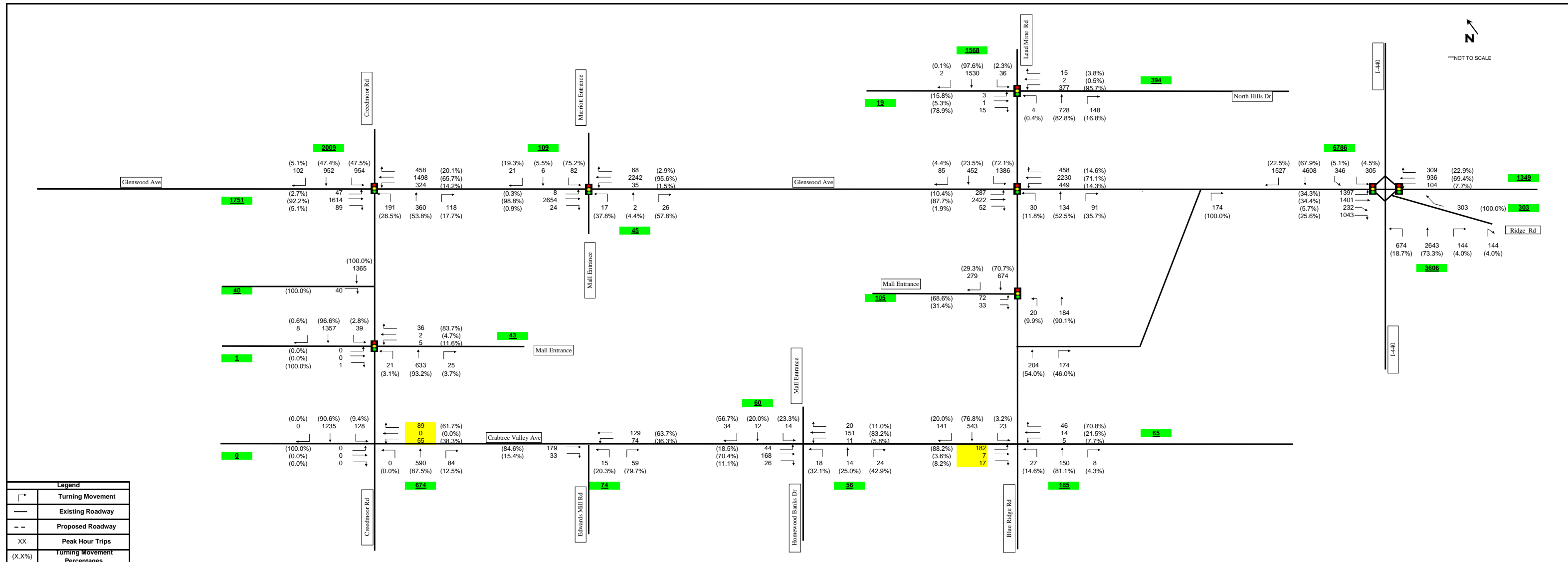
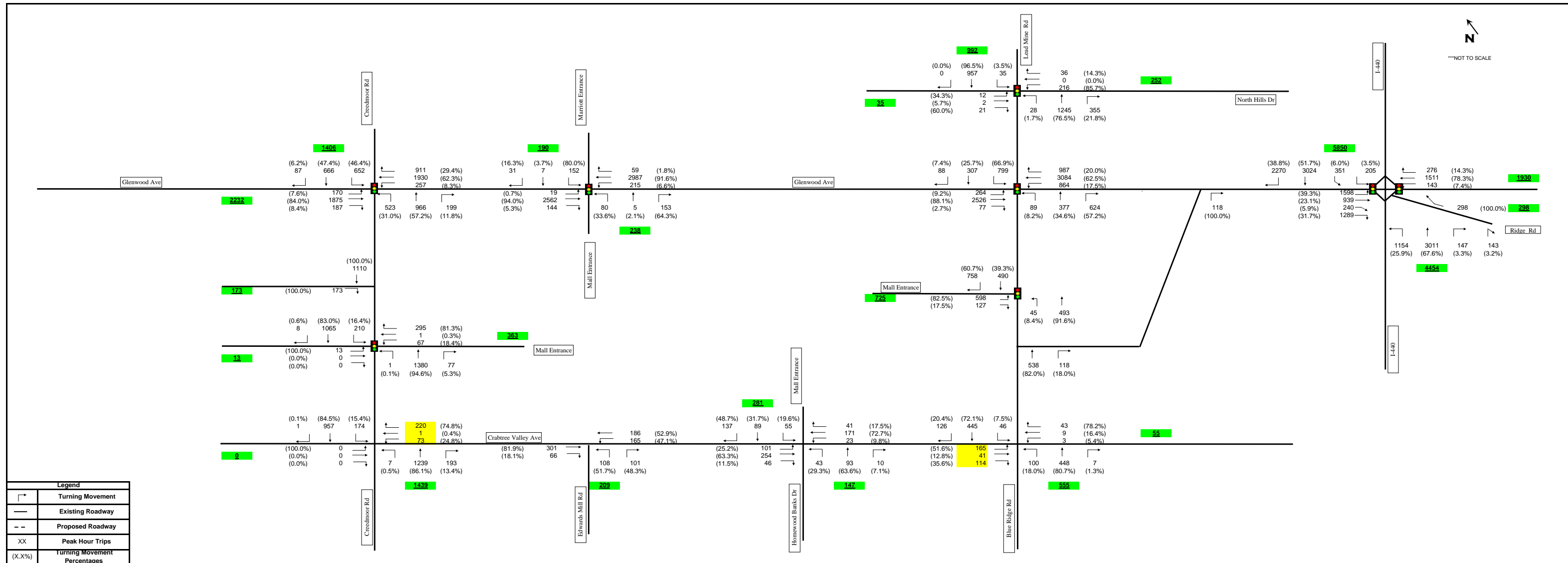


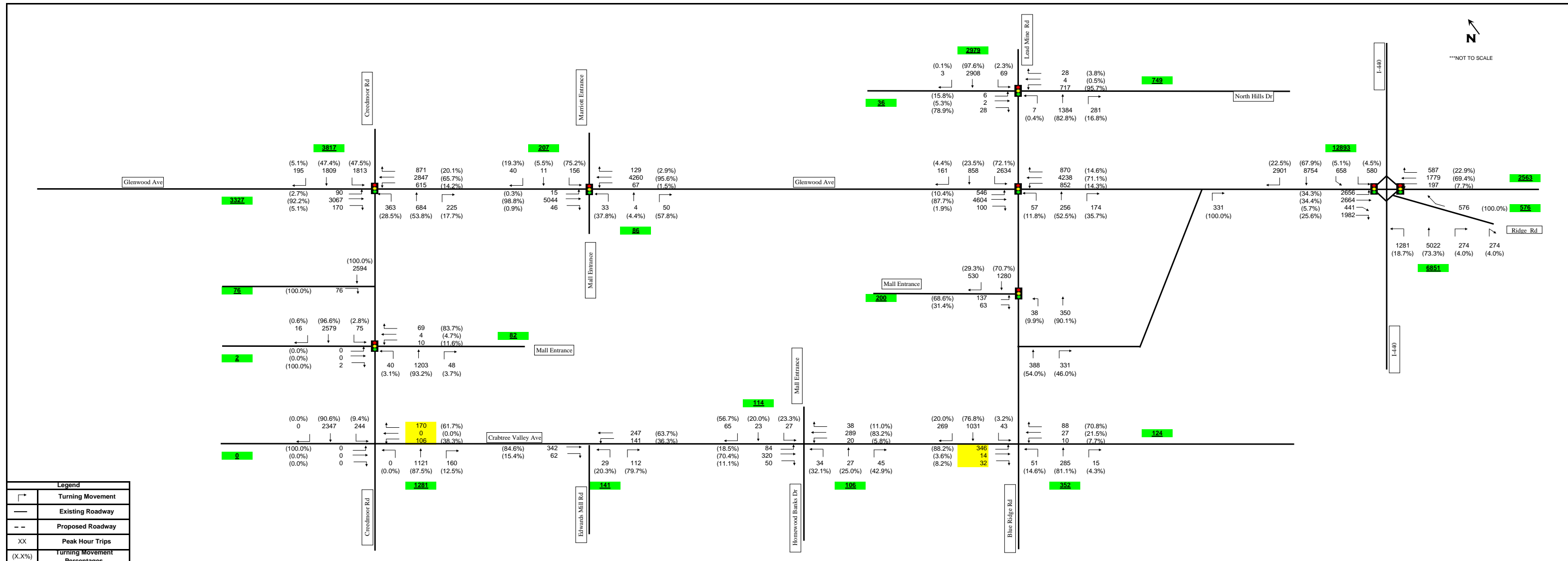
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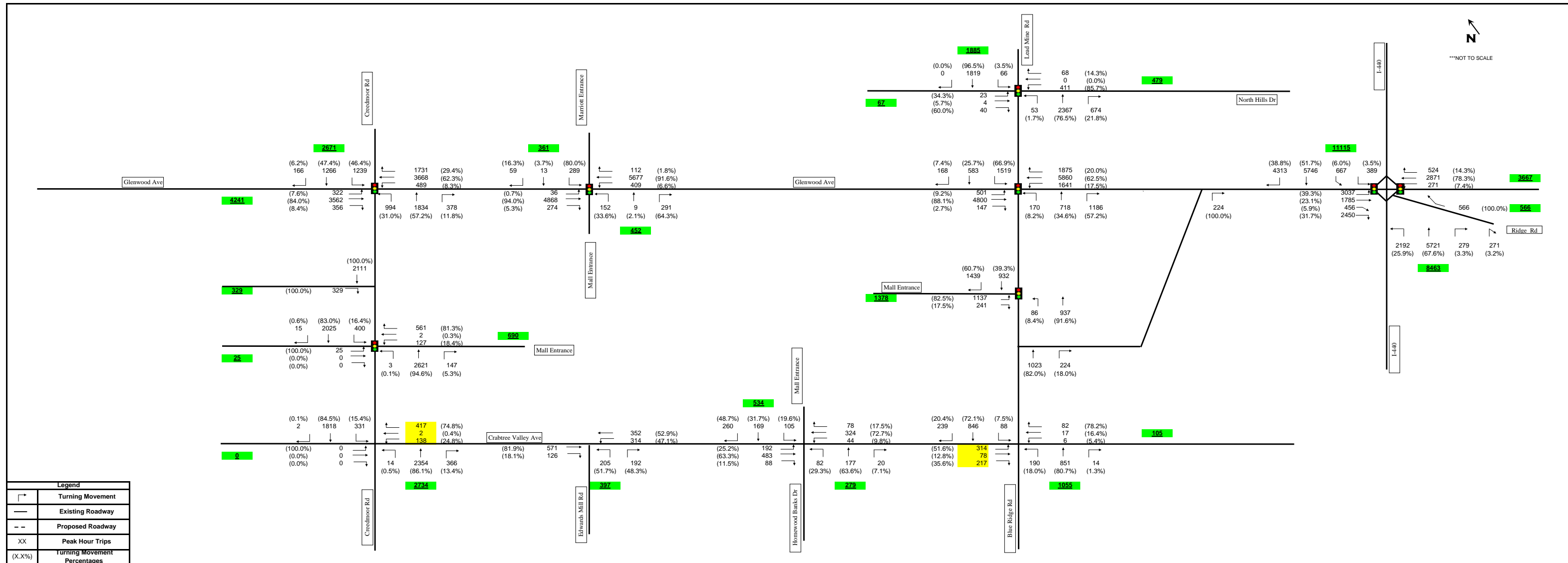
# *Appendix G: Traffic Volume Diagrams*

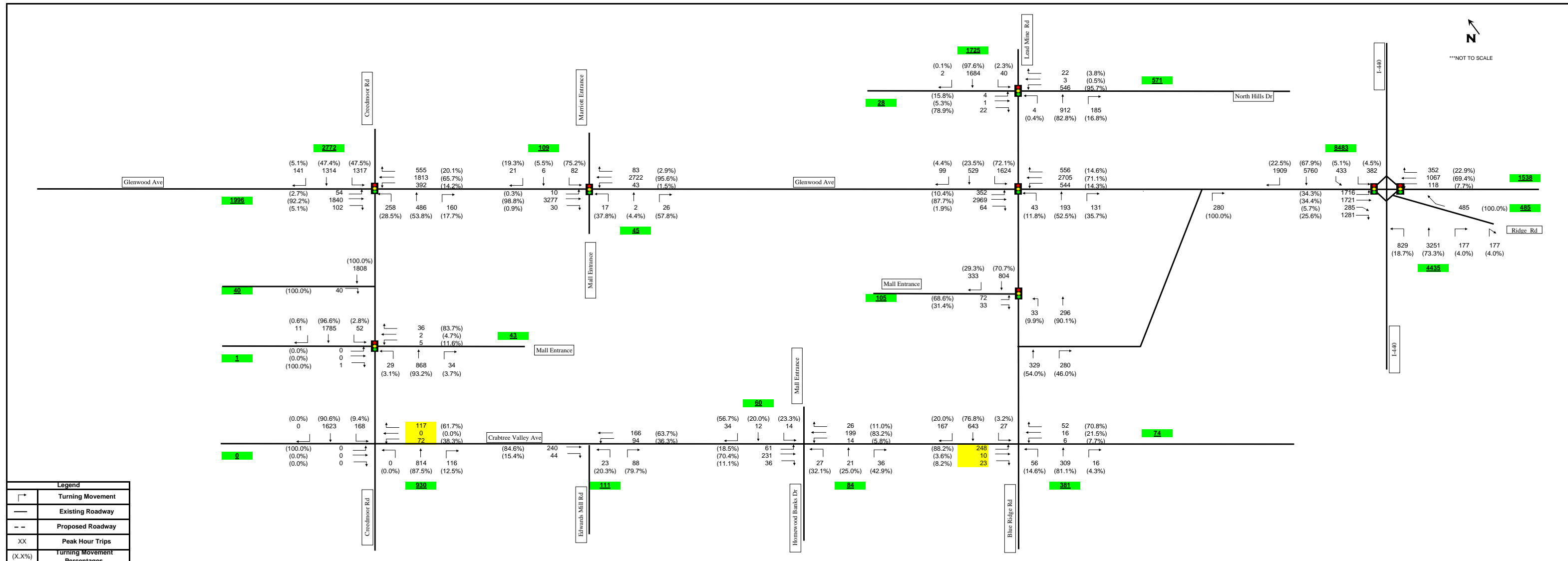
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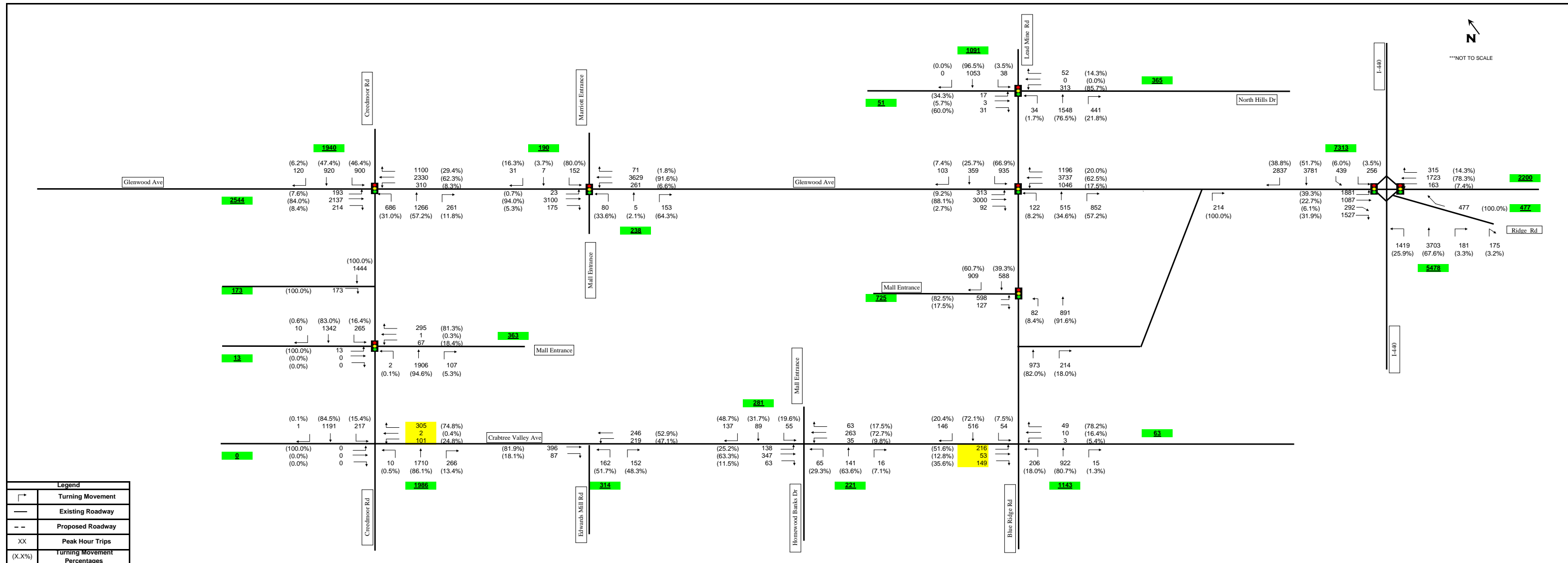


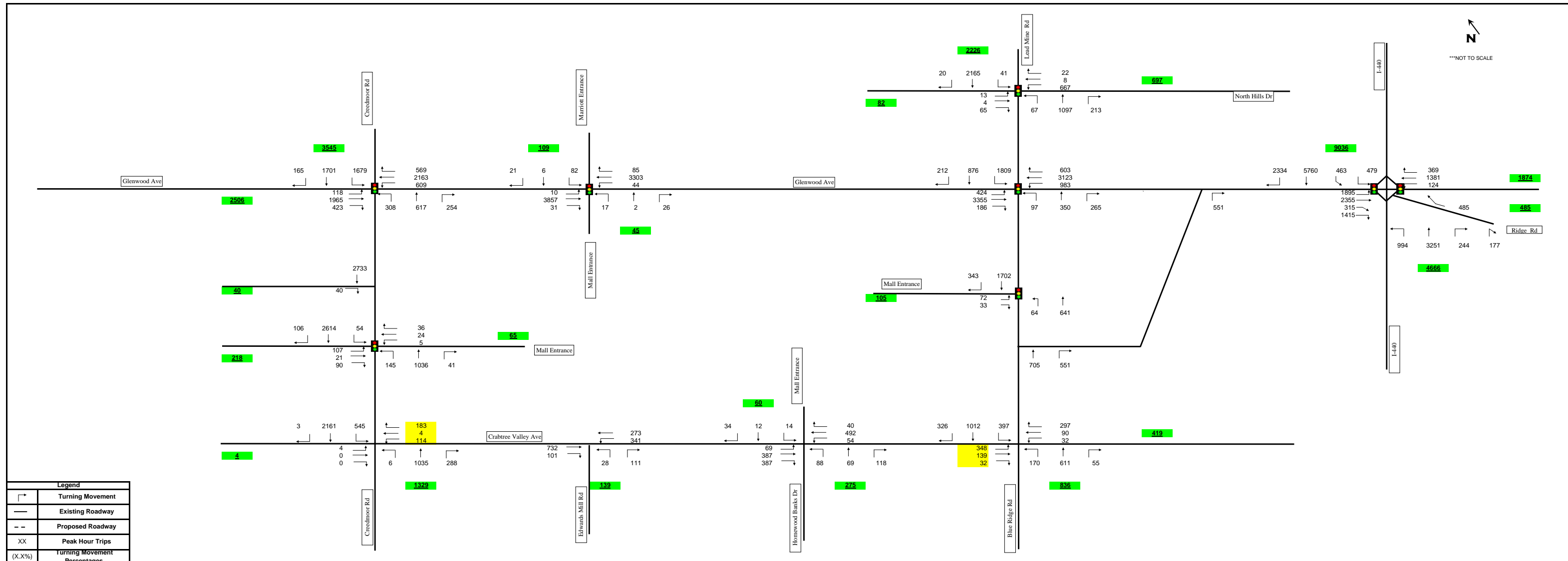
Legend	
↔	Turning Movement
—	Existing Roadway
- -	Proposed Roadway
XX	Peak Hour Trips
(X.X%)	Turning Movement Percentages

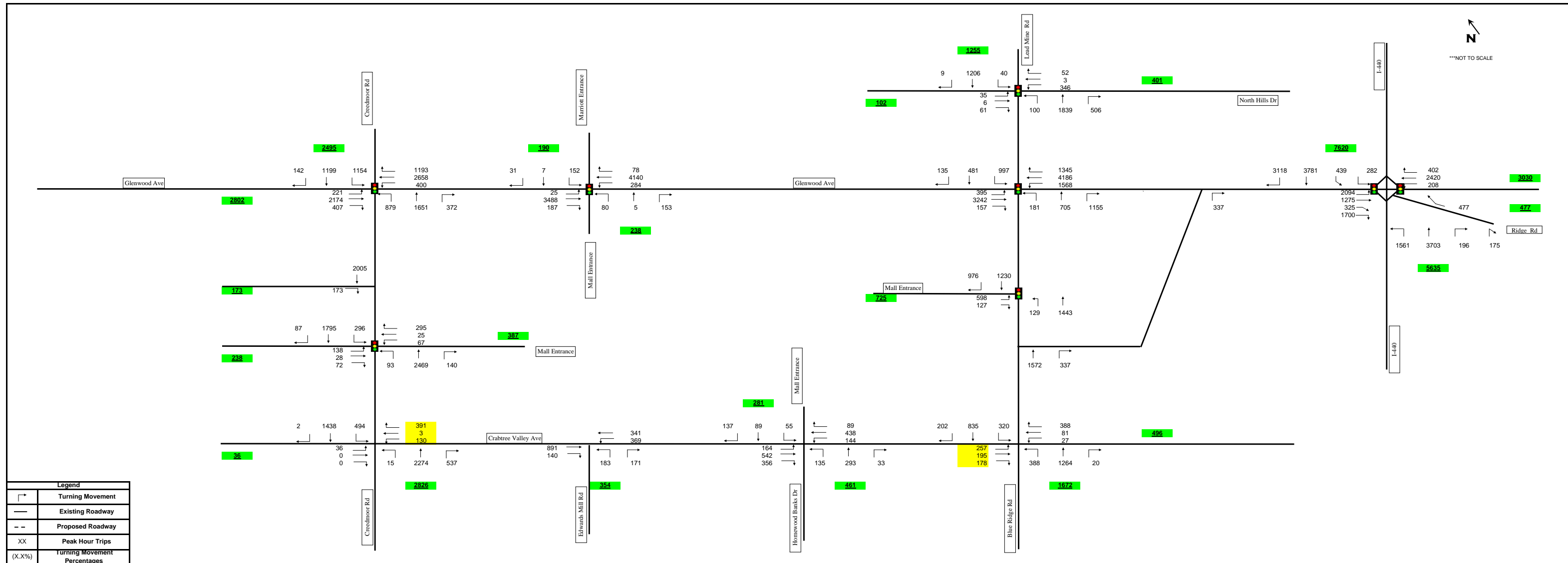
**WSP · SELLS**  
 15401 Weston Parkway, Suite 100  
 Cary, NC 27513  
 Tel:(919) 678-00350, Fax:(919) 678-0206  
[www.wspells.com](http://www.wspells.com)

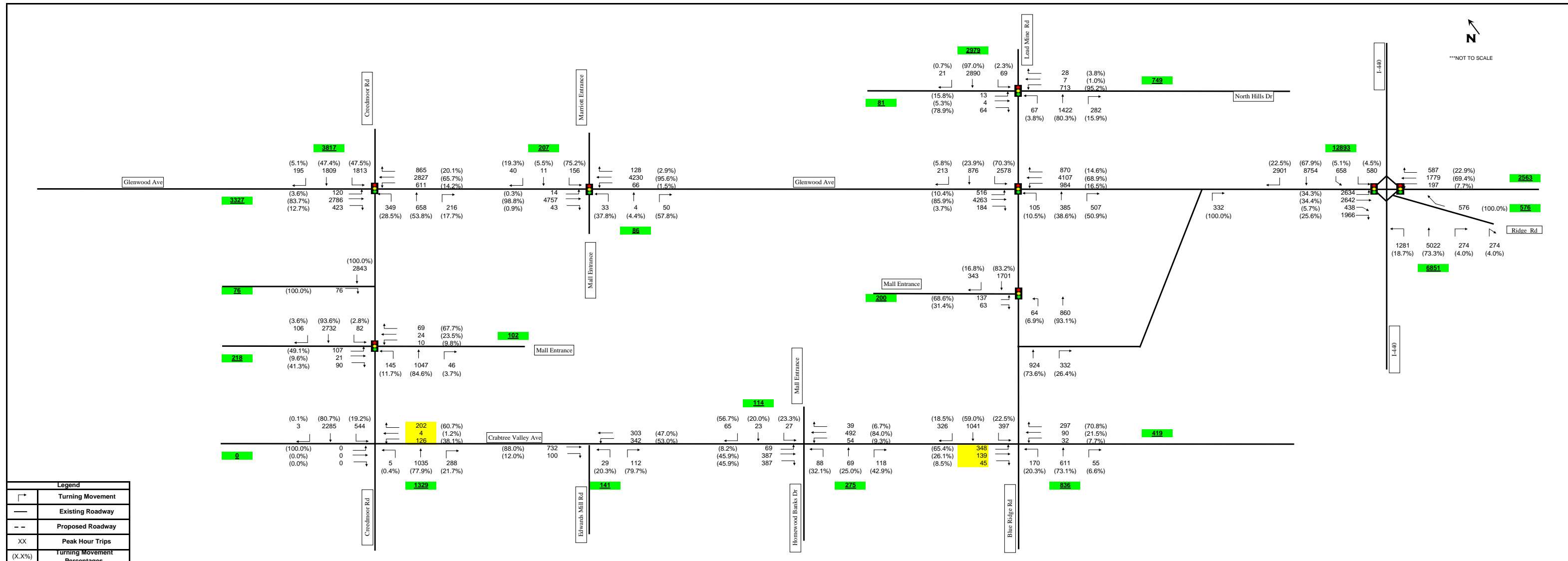
**Crabtree Valley Transportation Study  
 Raleigh, NC**

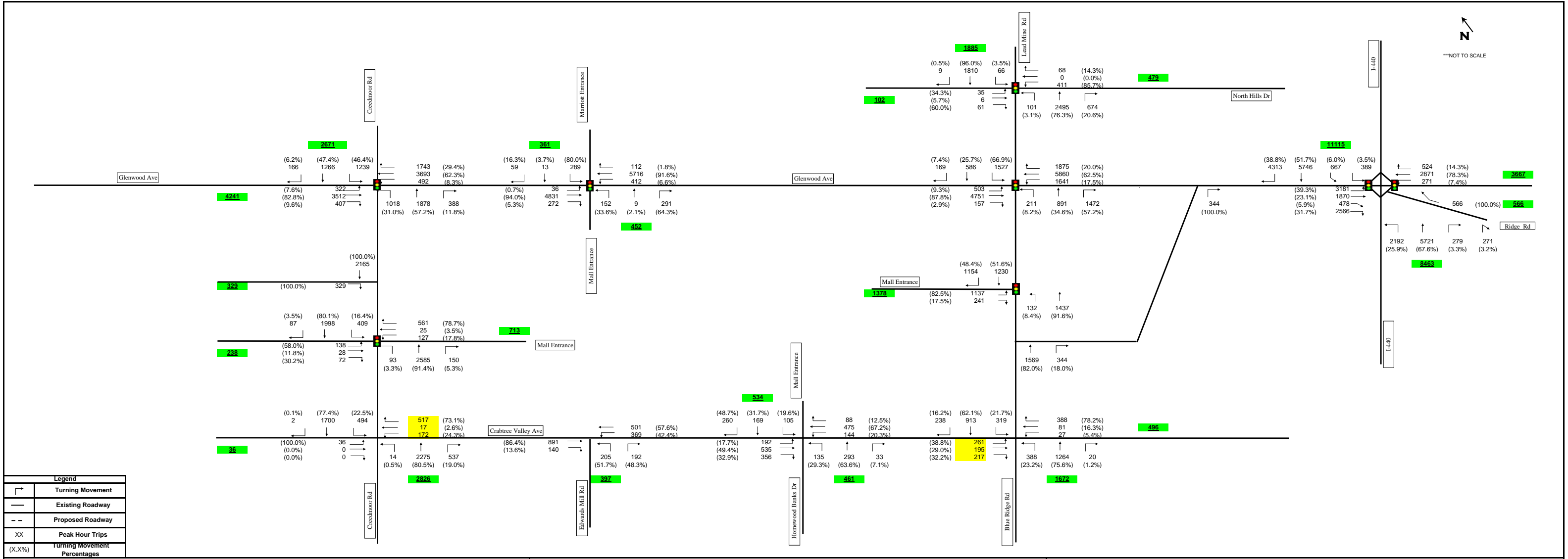
**Figure 5  
 2035 AM Peak Hour Traffic Volumes - TRM Growth Rate**











**2035 AM Peak Hour O-D Matrix ( CVA Extensions)**

Origin- Destination	Glenwood West	Creedmoor Road South	Creedmoor Road North	Blue Ridge South	Summit Park Lane	Crabtree Mall Ent @ Blue Ridge	Crabtree Valley Ave	I-440 North	I-440 South	Lead Mine	Glenwood W of Marriott	Glenwood E of I-440	Ridge Rd	Mall Entr @ Crabtree Valley	Mall Entr @ Creedmoor
Glenwood West		330		50	19		78		605						12
Creedmoor Road South	275							50	37						
Blue Ridge South	27				55	43		134	100						
Summit Park Lane	29+18	32	34	32		21		48	36	107		48	8	6	
Crabtree Mall Ent @ Blue Ridge								24	18	53	14	24	4		
Crabtree Valley Ave	36							76	57						
I-440 North		212		235	90	80	74								
I-440 South	554	93	85	104	40	35	33			94					

**2035 PM Peak Hour O-D Matrix ( CVA Extensions)**

Origin- Destination	Glenwood West	Creedmoor Road South	Creedmoor Road North	Blue Ridge South	Summit Park Lane	Crabtree Mall Ent @ Blue Ridge	Crabtree Valley Ave	I-440 North	I-440 South	Lead Mine	Glenwood W of Marriott	Glenwood E of I-440	Ridge Rd	Mall Entr @ Crabtree Valley	Mall Entr @ Creedmoor
Glenwood West		261	48	31	11		76		919						67
Creedmoor Road South	667							82	67						
Blue Ridge South	44					87		213	172			79	20		
Summit Park Lane	15		7			27		88	71	110		52	13		
Crabtree Mall Ent @ Blue Ridge	93	129						256	206	393		189			
Crabtree Valley Ave	152	27						77	62			45	12		
I-440 North		132		242	85		63								
I-440 South	782	67	369	123	43	186	32			438					

**2035 AM Peak Hour O-D Matrix (CVA Extension to I-440)**

Origin- Destination	Glenwood West	Creedmoor Road South	Creedmoor Road North	Blue Ridge South	Summit Park Ln	Mall Entr @ Blue Ridge	I-440 North	I-440 South	Lead Mine	Marriott @ Glenwood	Mall Entr @ Glenwood	Glenwood East	Ridge Rd	Edwards Mill Rd	Homewood Banks Rd	Mall Entr @ Crabtree Valley
Creedmoor Road South							50	37								
Lead Mine Rd							442	332								
Mall Entr @ Blue Ridge	14			63			28	28	39			28				
Blue Ridge South						64	76	75								
Summit Park Lane	30	45	45	32			61	60	86			60				
Mall Entr @ Crabtree Valley Ave							9	9								
Homewood Banks Dr							40	39								
Edwards Mill Rd							38	37								
I-440 North		212		235	90	80								64	10	
I-440 South		93		104	40	35			94					28	4	

**2035 PM Peak Hour O-D Matrix (CVA Extension to I-440)**

Origin- Destination	Glenwood West	Creedmoor Road South	Creedmoor Road North	Blue Ridge South	Summit Park Ln	Mall Entr @ Blue Ridge	I-440 North	I-440 South	Lead Mine	Marriott @ Glenwood	Mall Entr @ Glenwood	Glenwood East	Ridge Rd	Edwards Mill Rd	Homewood Banks Rd	Mall Entr @ Crabtree Valley
Creedmoor Road South							82	66								
Lead Mine Rd							300	242								
Mall Entr @ Blue Ridge	90			241			234	234	345			234				
Blue Ridge South						132	205	205								
Summit Park Lane	31	40	41	27			80	80	118			79				
Mall Entr @ Crabtree Valley Ave							28	28								
Homewood Banks Dr							9	9								
Edwards Mill Rd							51	51								
I-440 North		132		242	85	183								45	18	
I-440 South		67		123	43	186			219					23	9	

**2035 AM Peak Hour O-D Matrix (Creedmoor SPU)**

Origin- Destination	Glenwood West	Creedmoor Road South	Creedmoor Road North	Blue Ridge South	Summit Park Ln	Mall Ent @ Blue Ridge	I-440 North	I-440 South	Lead Mine	Marriott @ Glenwood	Mall Entr @ Glenwood	Glenwood East	Ridge Rd	Edwards Mill Rd	Homewood Banks Rd	Mall Entr @ Crabtree Valley
Glenwood West										14						
Mall Entr @ Glenwood Ave	36		11							4						
Marriott Entr @ Glenwood Ave							56	44			11	56				
Lead Mine Rd											5					
I-440 North											30					
I-440 South											13					
Glenwood East											18					

**2035 PM Peak Hour O-D Matrix (Creedmoor SPU)**

Origin- Destination	Glenwood West	Creedmoor Road South	Creedmoor Road North	Blue Ridge South	Summit Park Ln	Mall Ent @ Blue Ridge	I-440 North	I-440 South	Lead Mine	Marriott @ Glenwood	Mall Entr @ Glenwood	Glenwood East	Ridge Rd	Edwards Mill Rd	Homewood Banks Rd	Mall Entr @ Crabtree Valley
Glenwood West										36						
Mall Entr @ Glenwood Ave	164		78							9						
Marriott Entr @ Glenwood Ave							121	97			13	71				
Lead Mine Rd											11					
I-440 North											178					
I-440 South											105					
Glenwood East											118					

**2035 AM Peak Hour O-D Matrix (WB US 70 Overpass)**

Origin- Destination	Glenwood West	Creedmoor Road South	Creedmoor Road North	Blue Ridge South	Summit Park Ln	Mall Ent @ Blue Ridge	I-440 North	I-440 South	Lead Mine	Marriott @ Glenwood	Mall Entr @ Glenwood	Glenwood East	Ridge Rd	Edwards Mill Rd	Homewood Banks Rd	Mall Entr @ Crabtree Valley
Glenwood East				145	55	49								39	6	

**2035 PM Peak Hour O-D Matrix (WB US 70 Overpass)**

Origin- Destination	Glenwood West	Creedmoor Road South	Creedmoor Road North	Blue Ridge South	Summit Park Ln	Mall Ent @ Blue Ridge	I-440 North	I-440 South	Lead Mine	Marriott @ Glenwood	Mall Entr @ Glenwood	Glenwood East	Ridge Rd	Edwards Mill Rd	Homewood Banks Rd	Mall Entr @ Crabtree Valley
I-440 North						182										
Glenwood East				161	56	243								30	12	

