

## Select Link RID Analysis

It is important to the CCTID that the projects they fund are benefiting their Residential Improvement Districts (RIDs). The following describes how the travel demand model was used to quantify what portion of the trips entering and exiting each RID will benefit from the CCTID's planned roadway improvements.

When the model's zonal structure was being refined a traffic analysis zone (TAZ) was created to match the area of each RID. Each TAZ has a centroid connector or link that connects that TAZ (or RID) to the roadway network. The centroid connector is where vehicles are entering or exiting the roadway network from the TAZ.

Tranplan has a feature that allows for the user to select any link and run an analysis of where all the traffic using that link is coming from, or going to. As the select link analysis is complete for each of the centroid connectors of the TAZs associated with RIDs, the model estimates the number of vehicles that will use each roadway within the model. The results of the select link RID analysis area summarized in **Appendix 1**. The percentage of vehicles utilizing the roadway where improvements are planned (Group 1 & Group 2 projects) can then be calculated (see the first figure in **Appendix 2**). Maps showing the select link analysis for the individual RIDs are also attached in **Appendix 2**.

**Exhibit 1** indicates how many RIDs there are per township and how often the vehicles are anticipated to be using the CCTID roadways planned for improvement. The Lowe's TIF located in Miami Township is also included in the appendices, but not in the following table.

### Exhibit 1: Number of RIDs per Township

Township	# of RIDs	RID Vehicles/Day Utilizing CCTID Improvement Area	% of RID Vehicles Utilizing CCTID Improvement Area
Batavia	6	4,178	17.1%
Goshen	5	1,325	5.4%
Jackson	1	1,257	5.1%
Miami	11	9,666	39.5%
Union	7	8,034	32.8%
<b>Total</b>	<b>40</b>	<b>24,460</b>	<b>50%</b>

Note: Although the two Sunnymeade and two Dahlheimer RIDs are listed separately in the appendices, the totals reflected above assume they each count for one RID – as indicated in the Property Advisor's April 12, 2007 RID Analysis Report.

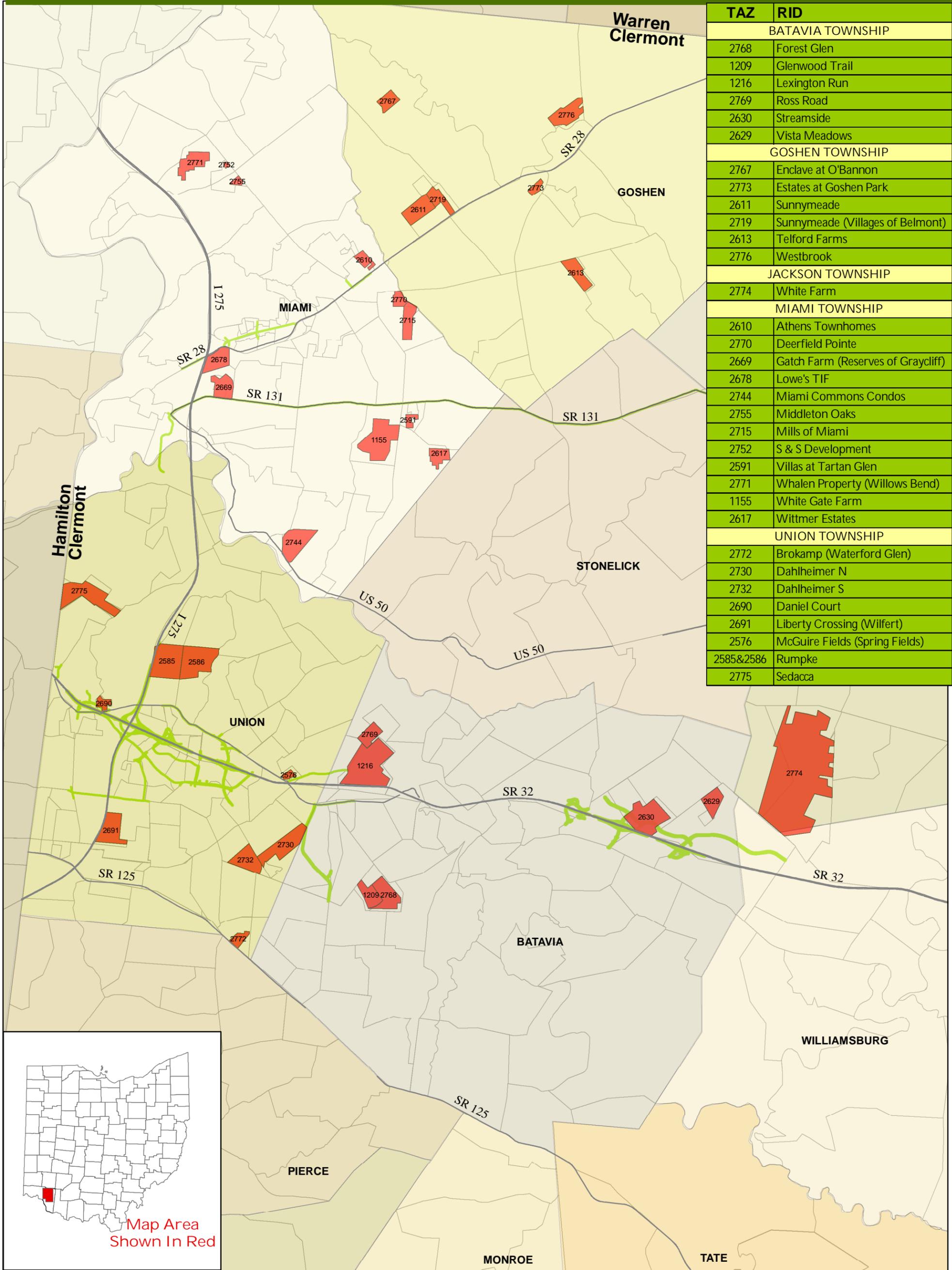
Overall, 50% of the projected trips entering and exiting the RIDs will travel on a roadway the CCTID plans to construct or upgrade. Six out of the forty RIDs will have 100% of the entering and exiting vehicles using roadways that the CCTID plans to construct or upgrade.

## **Appendix 1**

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# **Clermont County RID Analysis**

# Residential Improvement Districts



TAZ	RID
BATAVIA TOWNSHIP	
2768	Forest Glen
1209	Glenwood Trail
1216	Lexington Run
2769	Ross Road
2630	Streamside
2629	Vista Meadows
GOSHEN TOWNSHIP	
2767	Enclave at O'Bannon
2773	Estates at Goshen Park
2611	Sunnymeade
2719	Sunnymeade (Villages of Belmont)
2613	Telford Farms
2776	Westbrook
JACKSON TOWNSHIP	
2774	White Farm
MIAMI TOWNSHIP	
2610	Athens Townhomes
2770	Deerfield Pointe
2669	Gatch Farm (Reserves of Graycliff)
2678	Lowe's TIF
2744	Miami Commons Condos
2755	Middleton Oaks
2715	Mills of Miami
2752	S & S Development
2591	Villas at Tartan Glen
2771	Whalen Property (Willows Bend)
1155	White Gate Farm
2617	Wittmer Estates
UNION TOWNSHIP	
2772	Brokamp (Waterford Glen)
2730	Dahlheimer N
2732	Dahlheimer S
2690	Daniel Court
2691	Liberty Crossing (Wilfert)
2576	McGuire Fields (Spring Fields)
2585&2586	Rumpke
2775	Sedacca



**Legend**

- RIDs Property Advisors
- CCTID Group 1 & Group 2 Improvement Projects
- # Clermont TAZ (# = TAZ Number)

**CCTID RID ANALYSIS - SORTED BY RID LOCATION (TOWNSHIP)**

TAZ	RID	RID Location (Township)	Primary Route Utilized	Vehicles Exiting RID	Vehicles Entering RID	Total RID Vehicles	RID Vehicles Utilizing CCTID Improvement Area	% of RID Vehicles Utilizing CCTID Improvement Area	% of Total
2768	Forest Glen	Batavia Twp	SR 32	787	781	1,568	455	29.0%	1.9%
1209	Glenwood Trail	Batavia Twp	SR 32	654	650	1,304	319	24.5%	1.3%
1216	Lexington Run	Batavia Twp	SR 32/Heitman Lane	1,765	1,775	3,540	2,608	73.7%	10.7%
2769	Ross Road	Batavia Twp	SR 32/Heitman Lane	372	374	746	499	66.9%	2.0%
2630	Streamside	Batavia Twp	SR 32	499	494	993	256	25.8%	1.0%
2629	Vista Meadows	Batavia Twp	SR 32	146	142	288	41	14.2%	0.2%
2767	Enclave at O'Bannon	Goshen Twp	SR 28	70	70	140	37	26.4%	0.2%
2773	Estates at Goshen Park	Goshen Twp	SR 28	95	95	190	86	45.3%	0.4%
2611	Sunnymeade	Goshen Twp	SR 28	354	356	710	385	54.2%	1.6%
2719	Sunnymeade (Villages of Belmont)	Goshen Twp	SR 28	354	356	710	363	51.1%	1.5%
2613	Telford Farms	Goshen Twp	SR 28	170	166	336	41	12.2%	0.2%
2776	Westbrook	Goshen Twp	SR 28	451	451	902	413	45.8%	1.7%
2774	White Farm	Jackson Twp	SR 28	1,657	1,590	3,247	1,257	38.7%	5.1%
2610	Athens Townhomes	Miami Twp	SR 28	624	612	1,236	1,236	100.0%	5.1%
2770	Deerfield Pointe	Miami Twp	SR 28	210	206	416	123	29.6%	0.5%
2669	Gatch Farm (Reserves of Graycliff)	Miami Twp	SR 131	285	289	574	574	100.0%	2.3%
2678	Lowe's TIF	Miami Twp	SR 28	910	924	1,834	477	26.0%	2.0%
2744	Miami Commons Condos	Miami Twp	SR 131/SR 28	1,356	1,362	2,718	656	24.1%	2.7%
2755	Middleton Oaks	Miami Twp	SR 28	610	593	1,203	163	13.5%	0.7%
2715	Mills of Miami	Miami Twp	SR 28 /SR-131	1,061	1,040	2,101	1,199	57.1%	4.9%
2752	S & S Development	Miami Twp	SR 28	756	747	1,503	194	12.9%	0.8%
2591	Villas at Tartan Glen	Miami Twp	SR 131	694	691	1,385	1,385	100.0%	5.7%
2771	Whalen Property (Willows Bend)	Miami Twp	SR 28	367	362	729	58	8.0%	0.2%
1155	White Gate Farm	Miami Twp	SR 131	1,093	1,086	2,179	1,848	84.8%	7.6%
2617	Wittmer Estates	Miami Twp	SR 131	879	874	1,753	1,753	100.0%	7.2%
2772	Brokamp (Waterford Glen)	Union Twp	SR 125/Bach Buxton Rd.	177	177	354	37	10.5%	0.2%
2730	Dahlheimer N	Union Twp	Bach Buxton Rd./ SR 32	291	295	586	195	33.3%	0.8%
2732	Dahlheimer S	Union Twp	Bach Buxton Rd./ SR 32	4,241	4,302	8,543	3,086	36.1%	12.6%
2690	Daniel Court	Union Twp	Old SR 74/ SR 32	536	532	1,068	1,068	100.0%	4.4%
2691	Liberty Crossing (Wilfert)	Union Twp	Ivy Pointe Blvd.	795	798	1,593	805	50.5%	3.3%
2576	McGuire Fields (Spring Fields)	Union Twp	Old SR 74	239	241	480	480	100.0%	2.0%
2585&2586	Rumpke	Union Twp	Old SR 74/ Eastgate Blvd.	1,668	1,682	3,350	2,034	60.7%	8.3%
2775	Sedacca	Union Twp	Beechwood Road/ SR 32	357	353	710	329	46.3%	1.3%
	Totals			24,523	24,466	48,989	24,460	49.9%	100.0%

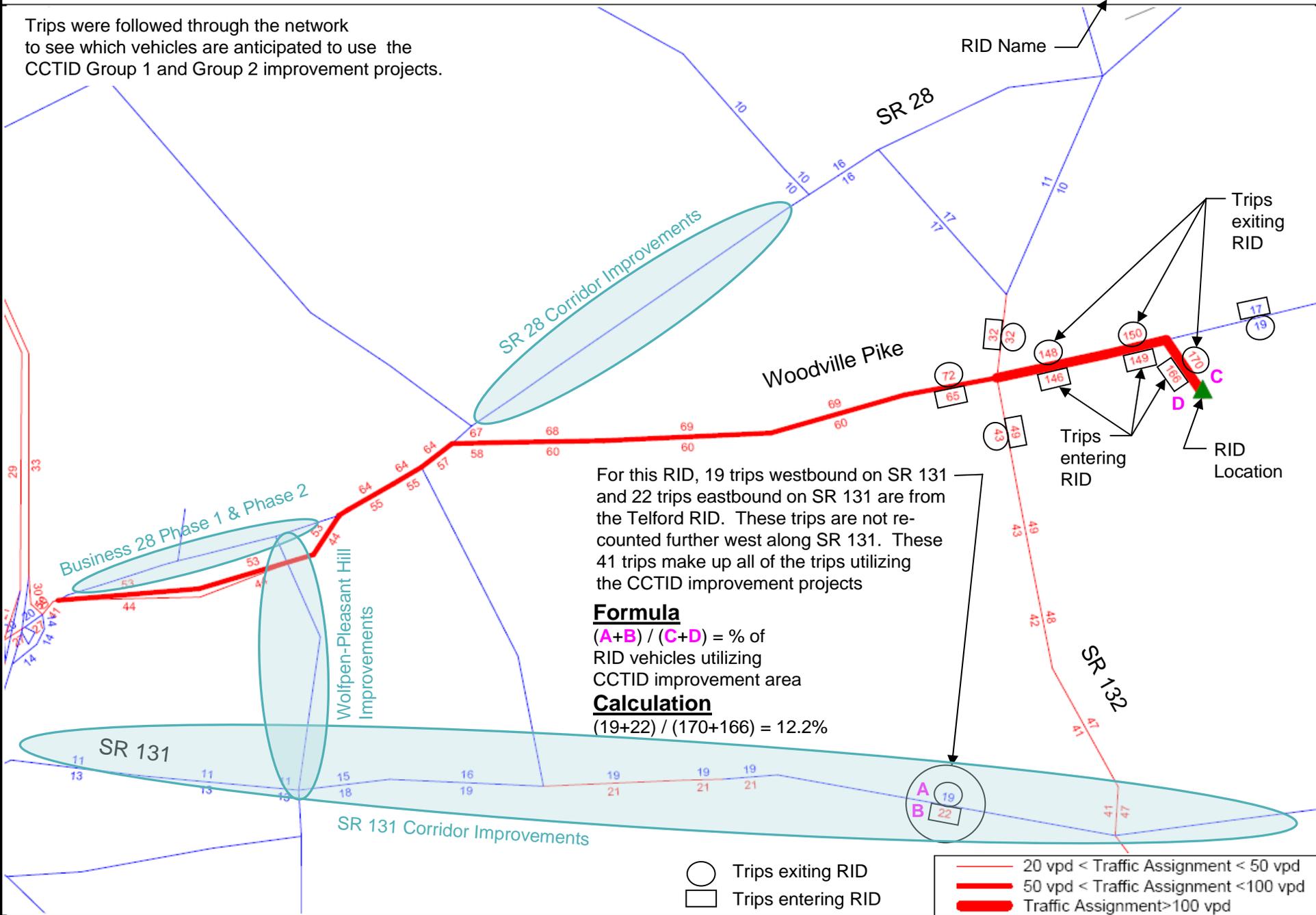
## **Appendix 2**

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### **Maps of Select Link RID Analysis**

# SELECT LINK TRAFFIC ASSIGNMENT SHOWING TRIPS ORIGINATING AND TERMINATING AT TELFORD RID

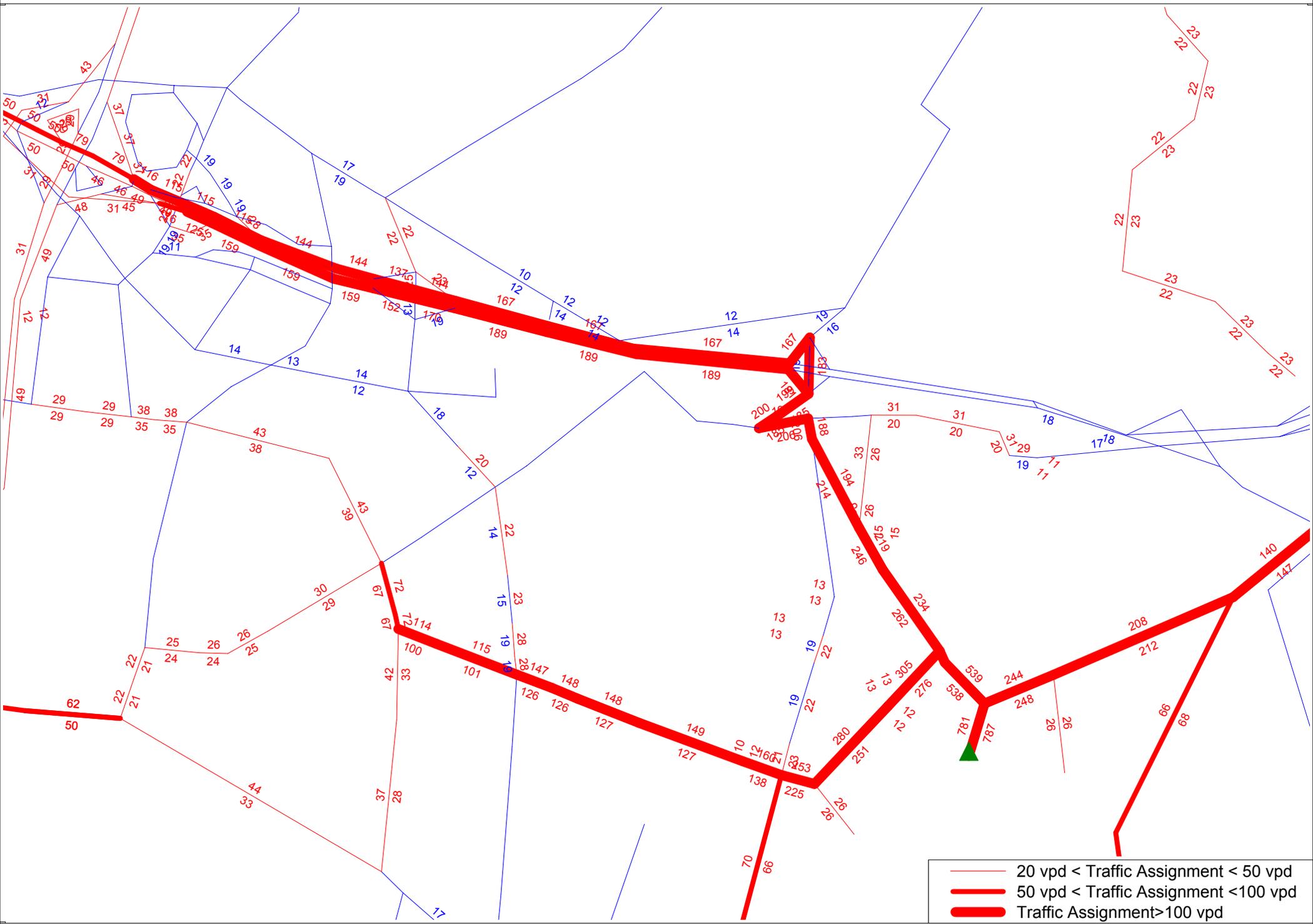
Trips were followed through the network to see which vehicles are anticipated to use the CCTID Group 1 and Group 2 improvement projects.



## **Batavia Township**

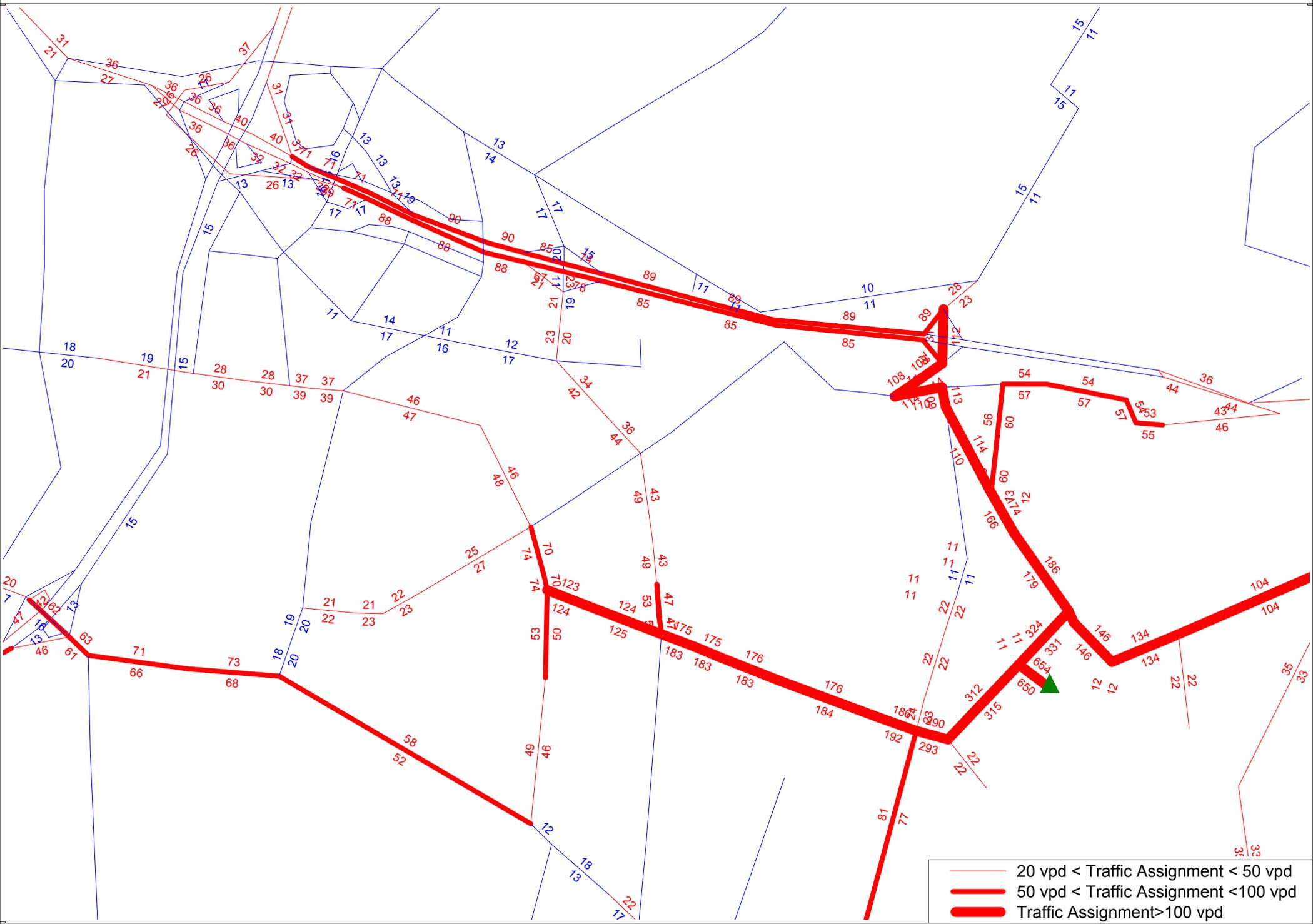
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# SELECT LINK TRAFFIC ASSIGNMENT SHOWING TRIPS ORIGINATING AND TERMINATING AT FOREST GLEN



- 20 vpd < Traffic Assignment < 50 vpd
- 50 vpd < Traffic Assignment < 100 vpd
- Traffic Assignment > 100 vpd

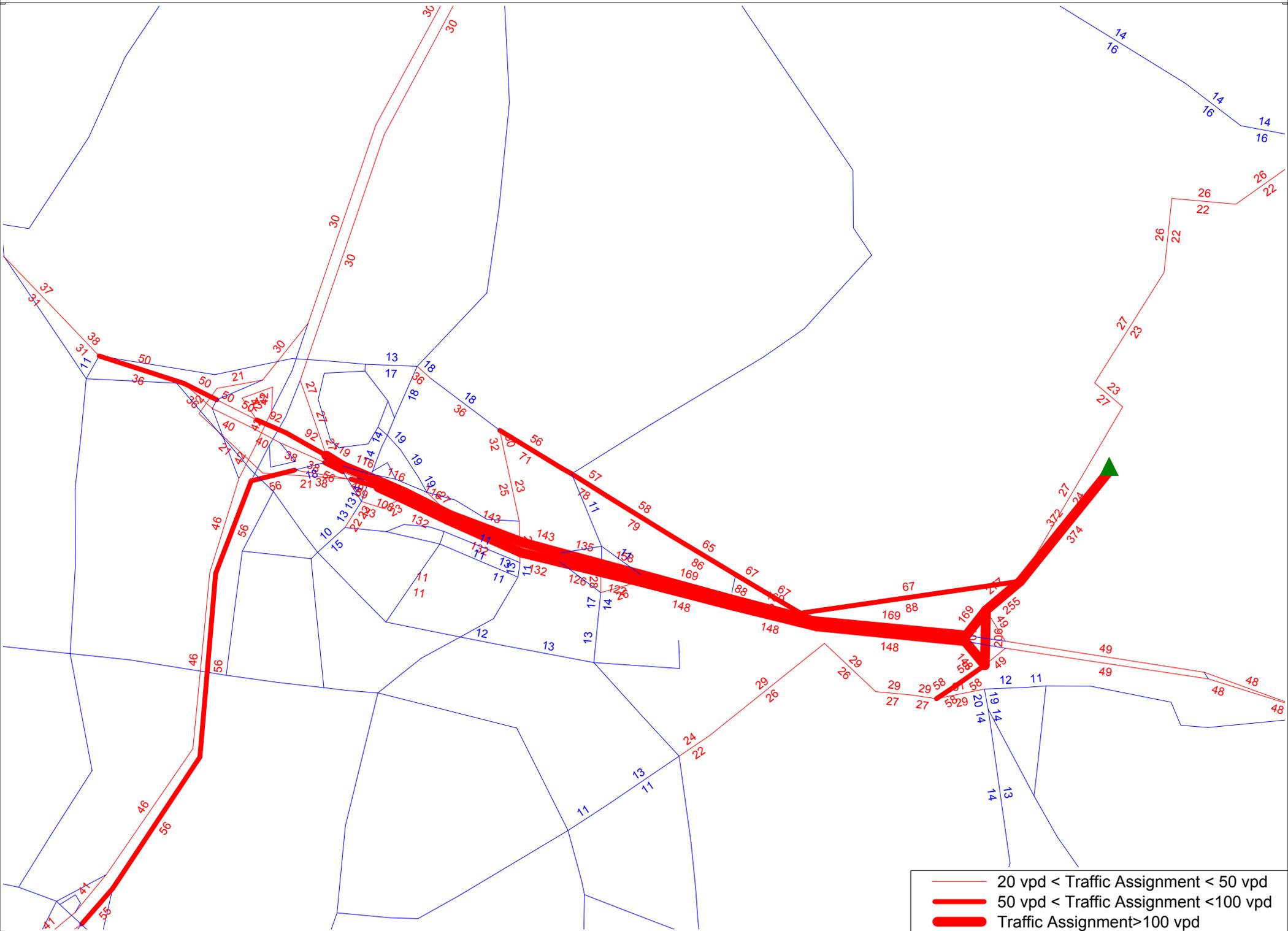
# SELECT LINK TRAFFIC ASSIGNMENT SHOWING TRIPS ORIGINATING AND TERMINATING AT GLENWOOD TRAIL



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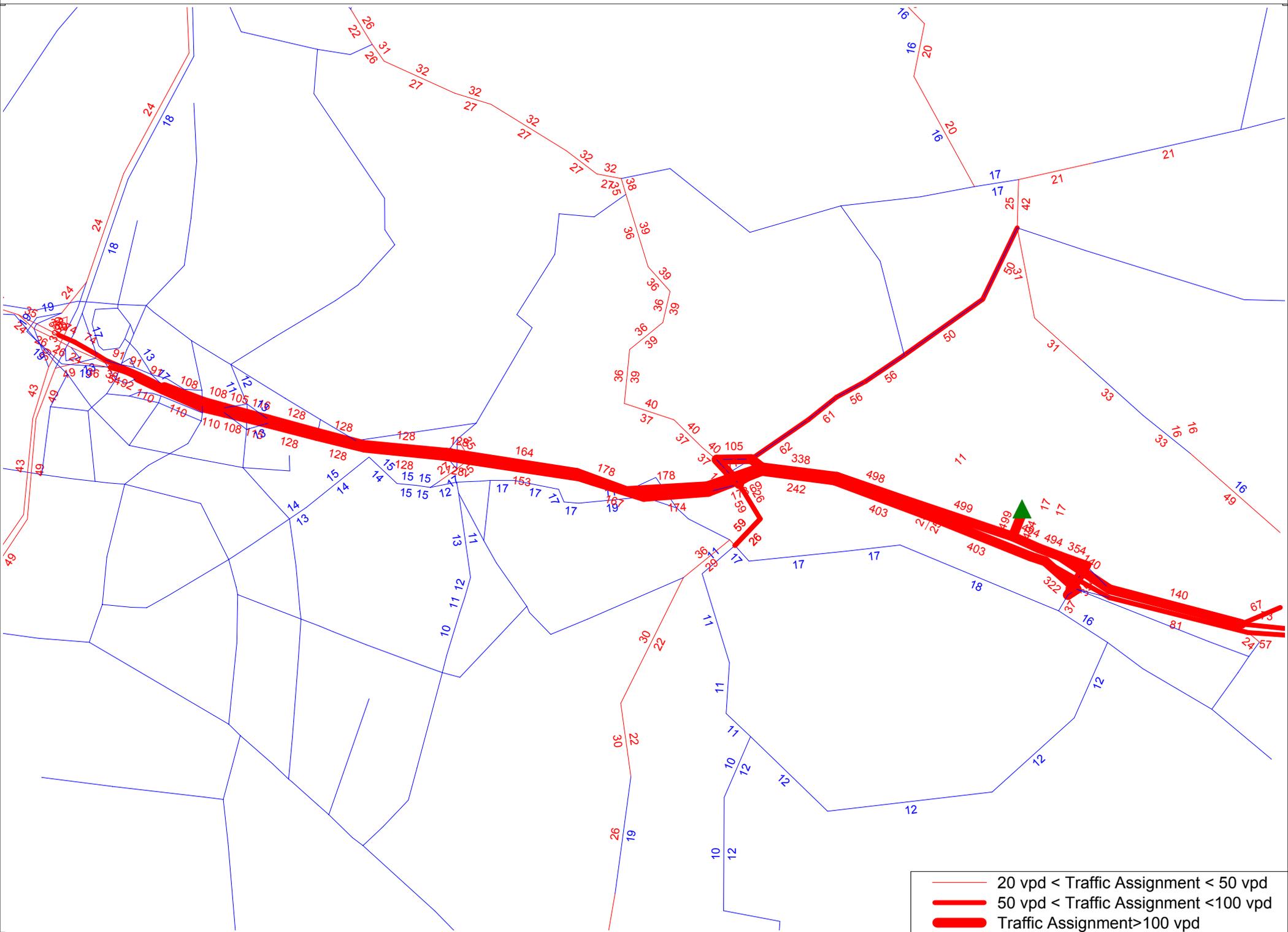


# SELECT LINK TRAFFIC ASSIGNMENT SHOWING TRIPS ORIGINATING AND TERMINATING AT ROSS ROAD



- 20 vpd < Traffic Assignment < 50 vpd
- 50 vpd < Traffic Assignment < 100 vpd
- Traffic Assignment > 100 vpd

# SELECT LINK TRAFFIC ASSIGNMENT SHOWING TRIPS ORIGINATING AND TERMINATING AT STREAMSIDE RID

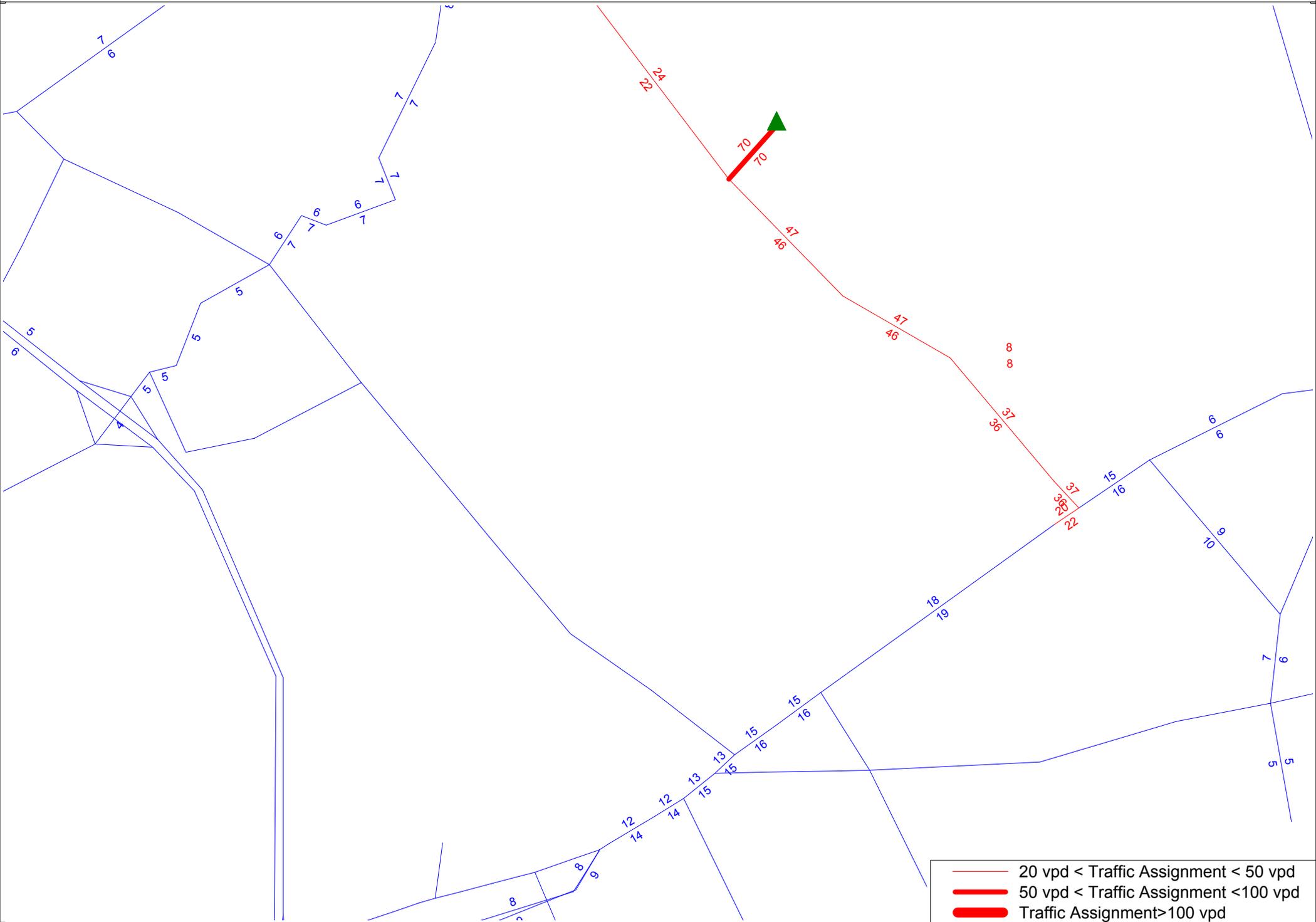




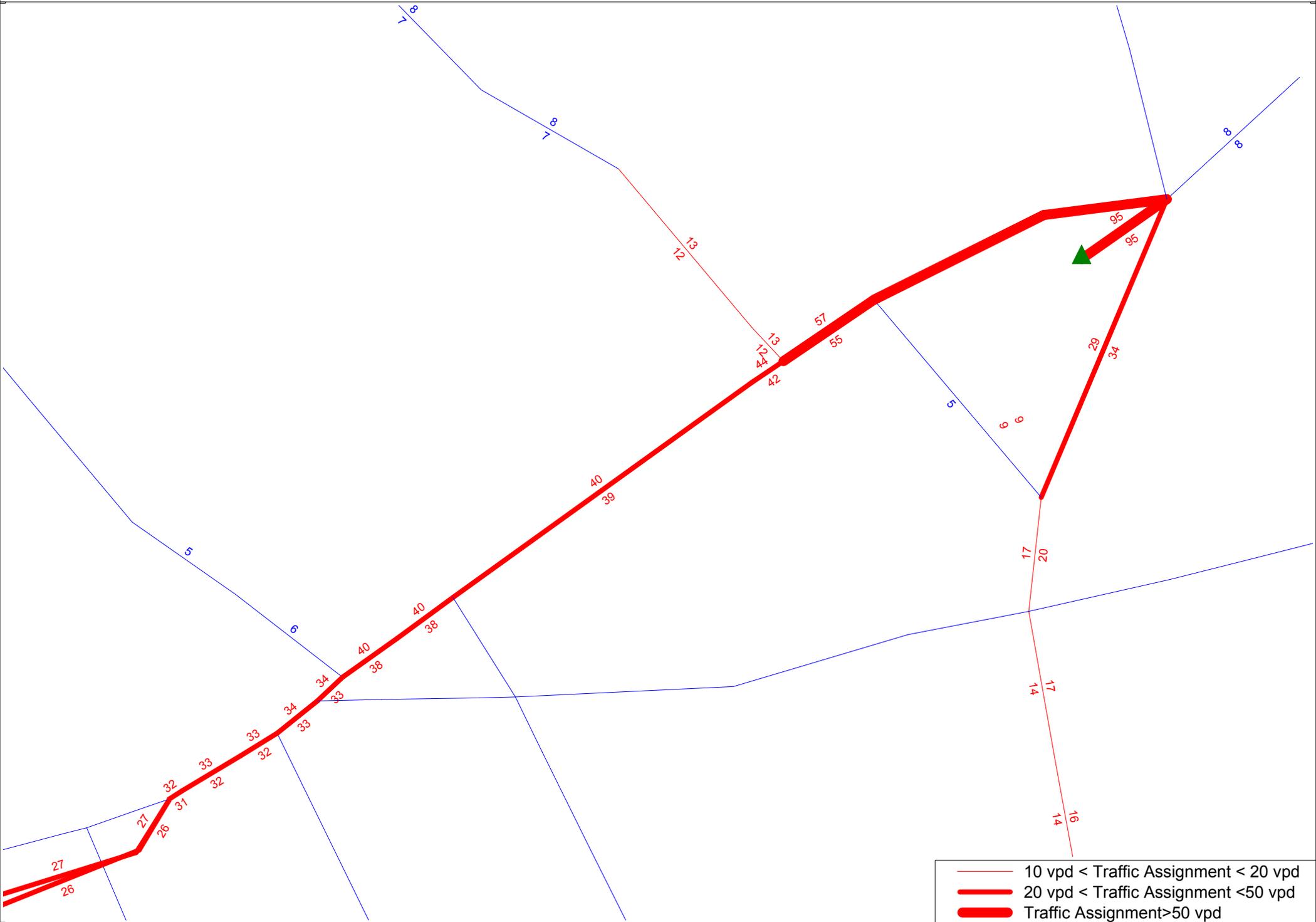
## **Goshen Township**

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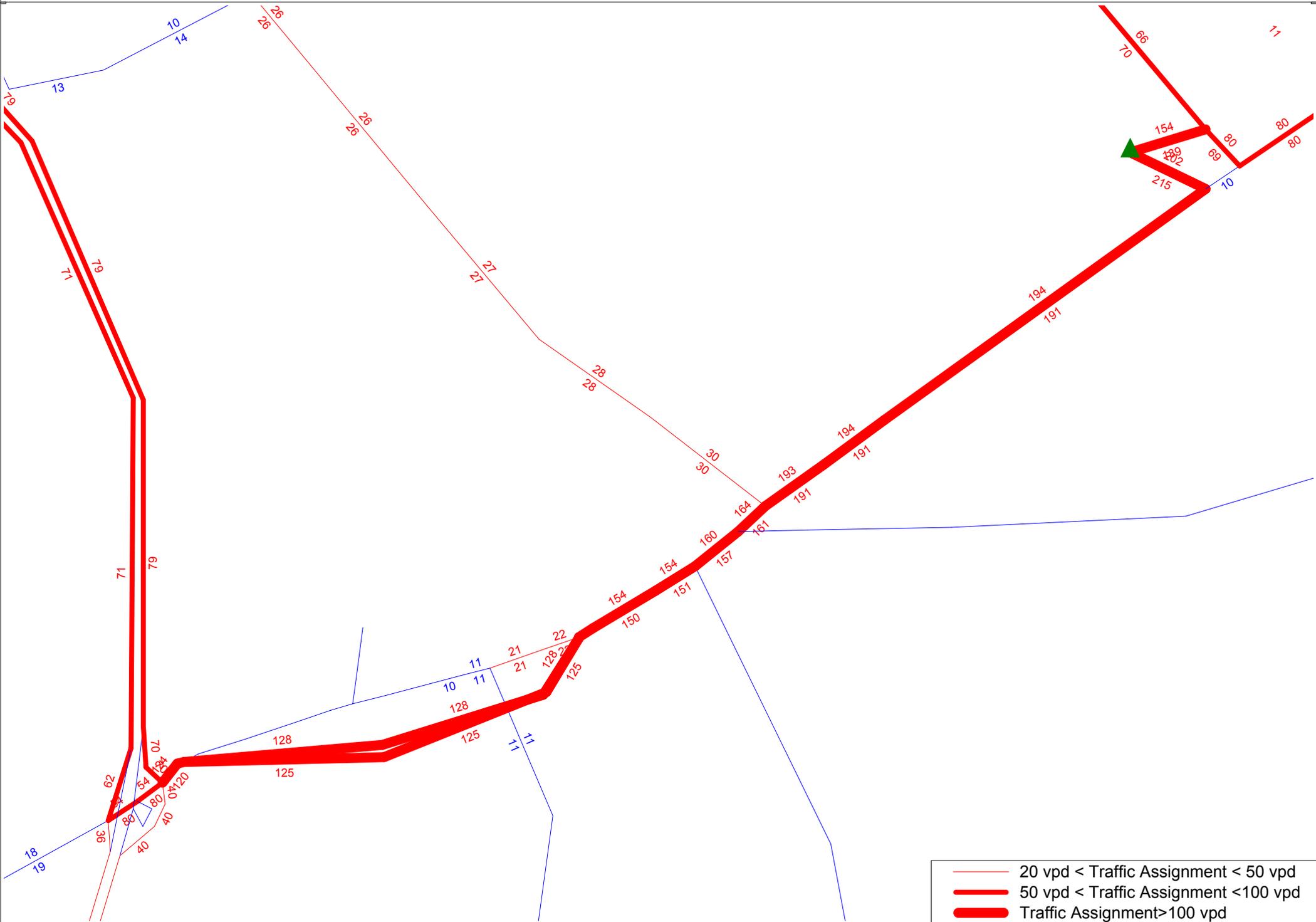
# SELECT LINK TRAFFIC ASSIGNMENT SHOWING TRIPS ORIGINATING AND TERMINATING AT ENCLAVE AT O'BANNON RID



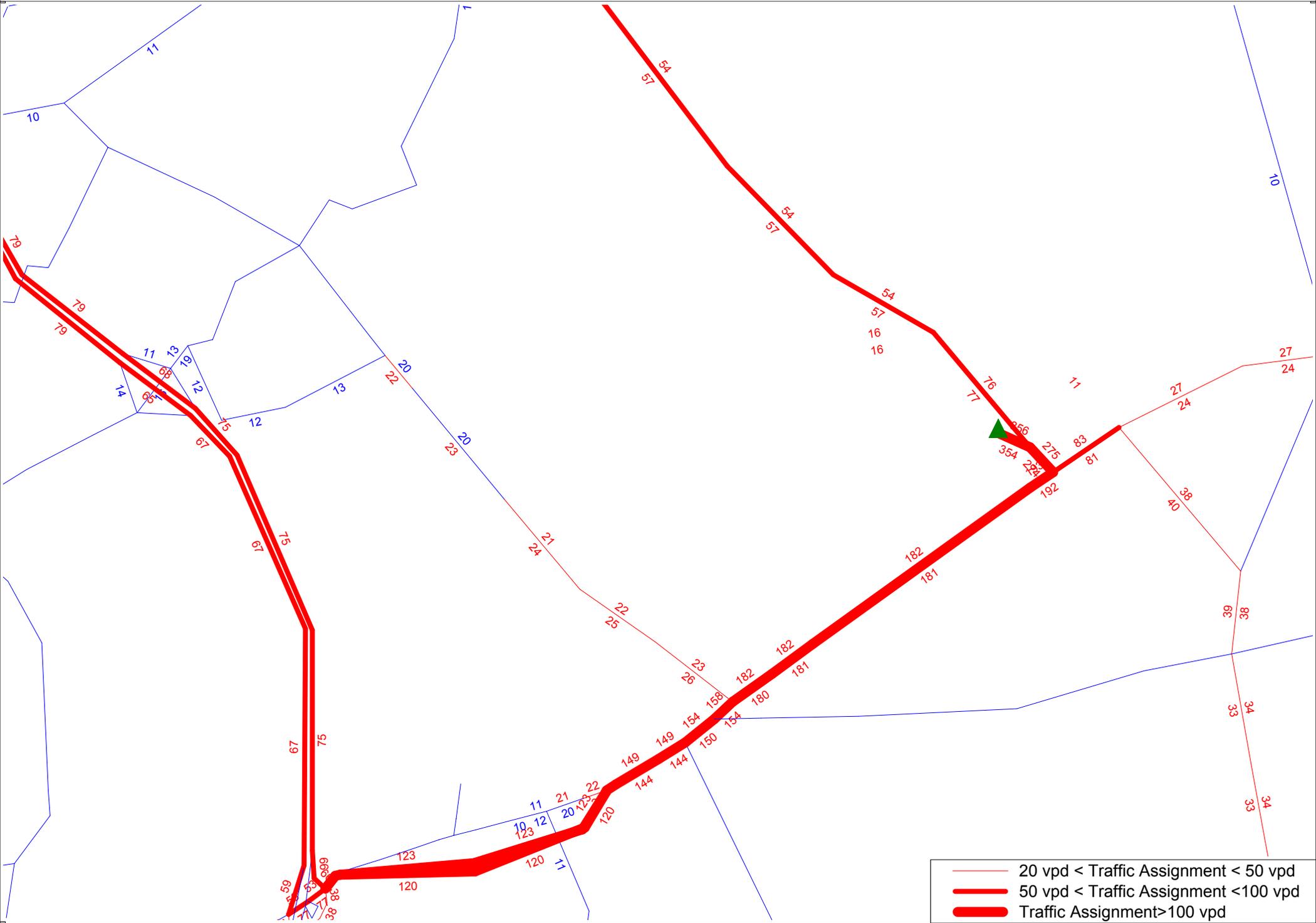
# SELECT LINK TRAFFIC ASSIGNMENT SHOWING TRIPS ORIGINATING AND TERMINATING AT ESTATES AT GOSHEN PARK



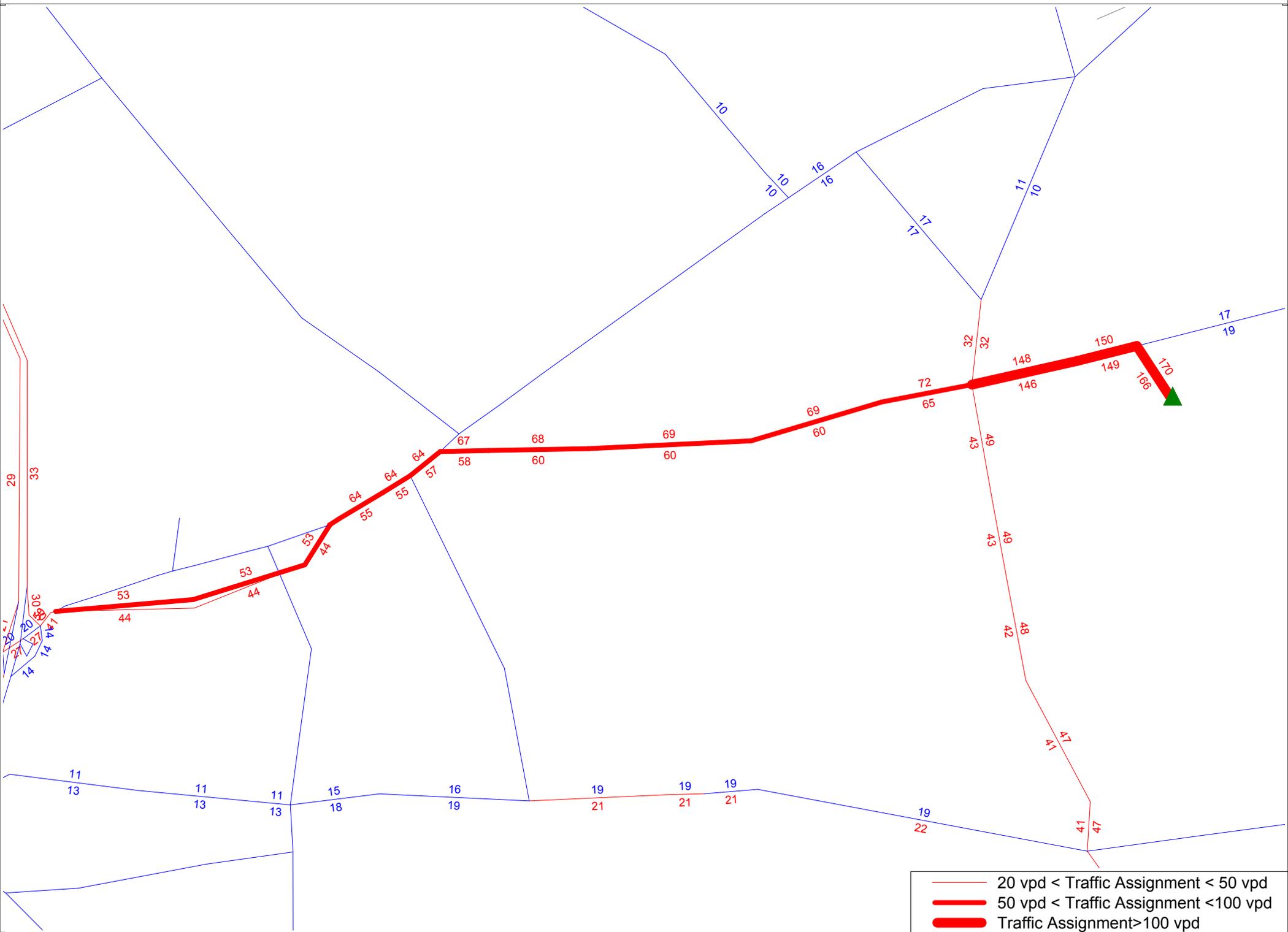
# SELECT LINK TRAFFIC ASSIGNMENT SHOWING TRIPS ORIGINATING AND TERMINATING AT SUNNYMEADE RID



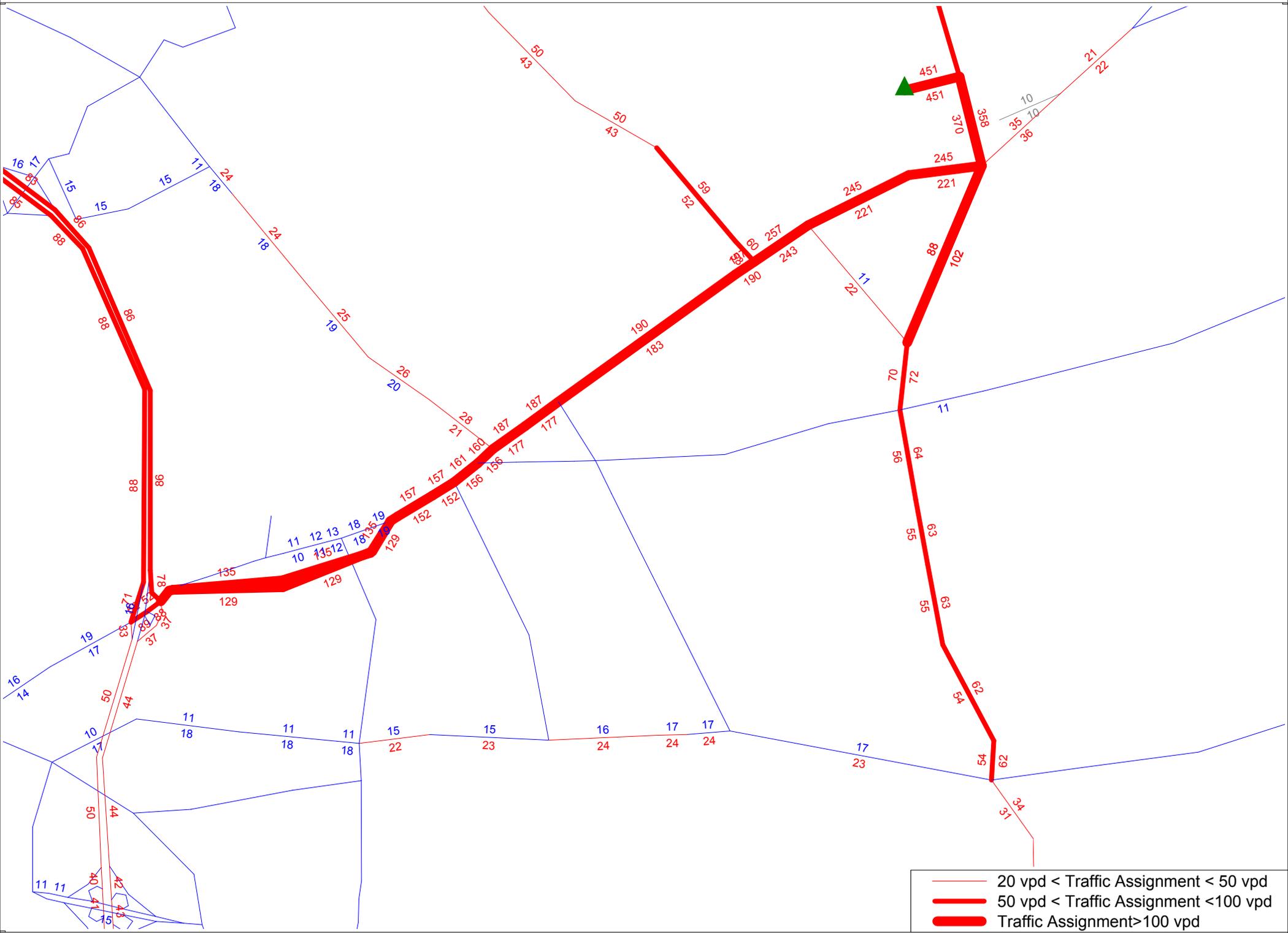
# SELECT LINK TRAFFIC ASSIGNMENT SHOWING TRIPS ORIGINATING AND TERMINATING AT SUNNYMEADE (VILLAGES OF BELMONT) RID



# SELECT LINK TRAFFIC ASSIGNMENT SHOWING TRIPS ORIGINATING AND TERMINATING AT TELFORD RID



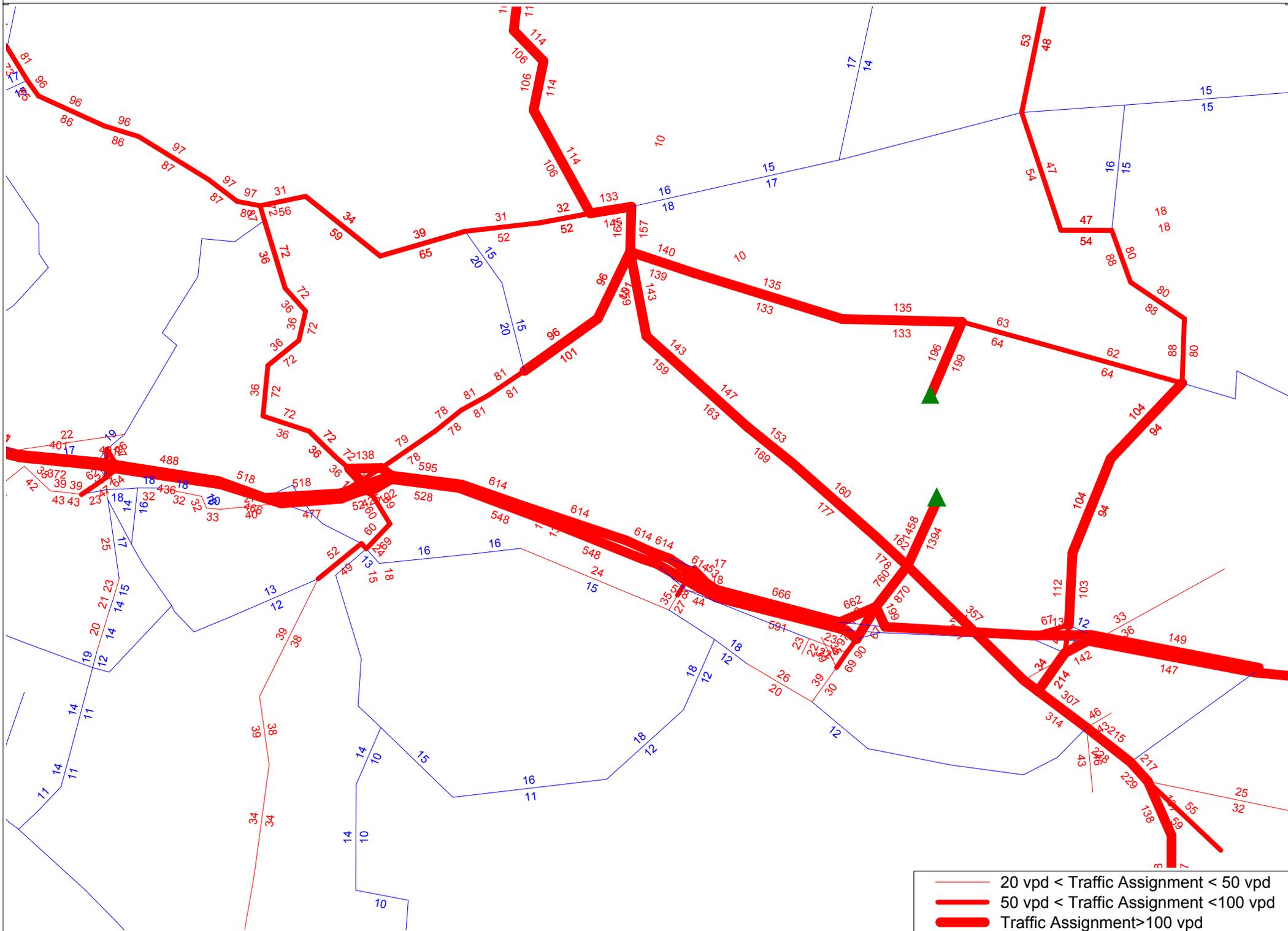
# SELECT LINK TRAFFIC ASSIGNMENT SHOWING TRIPS ORIGINATING AND TERMINATING AT WESTBROOK RID



## **Jackson Township**

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# SELECT LINK TRAFFIC ASSIGNMENT SHOWING TRIPS ORIGINATING AND TERMINATING AT WHITE FARM RID



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— 50 vpd < Traffic Assignment < 100 vpd  
— Traffic Assignment > 100 vpd



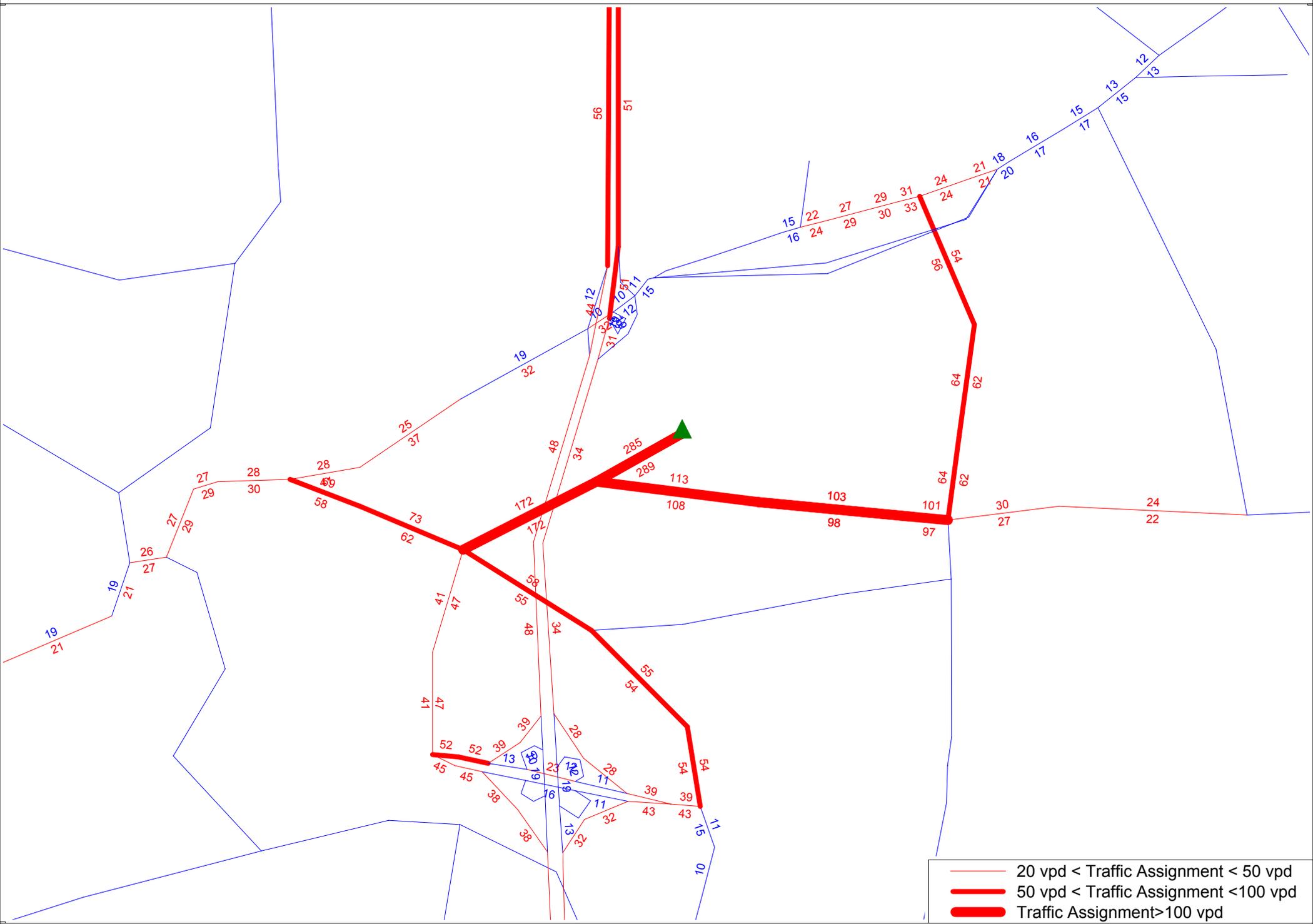
## **Miami Township**

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# SELECT LINK TRAFFIC ASSIGNMENT SHOWING TRIPS ORIGINATING AND TERMINATING AT GATCH FARM



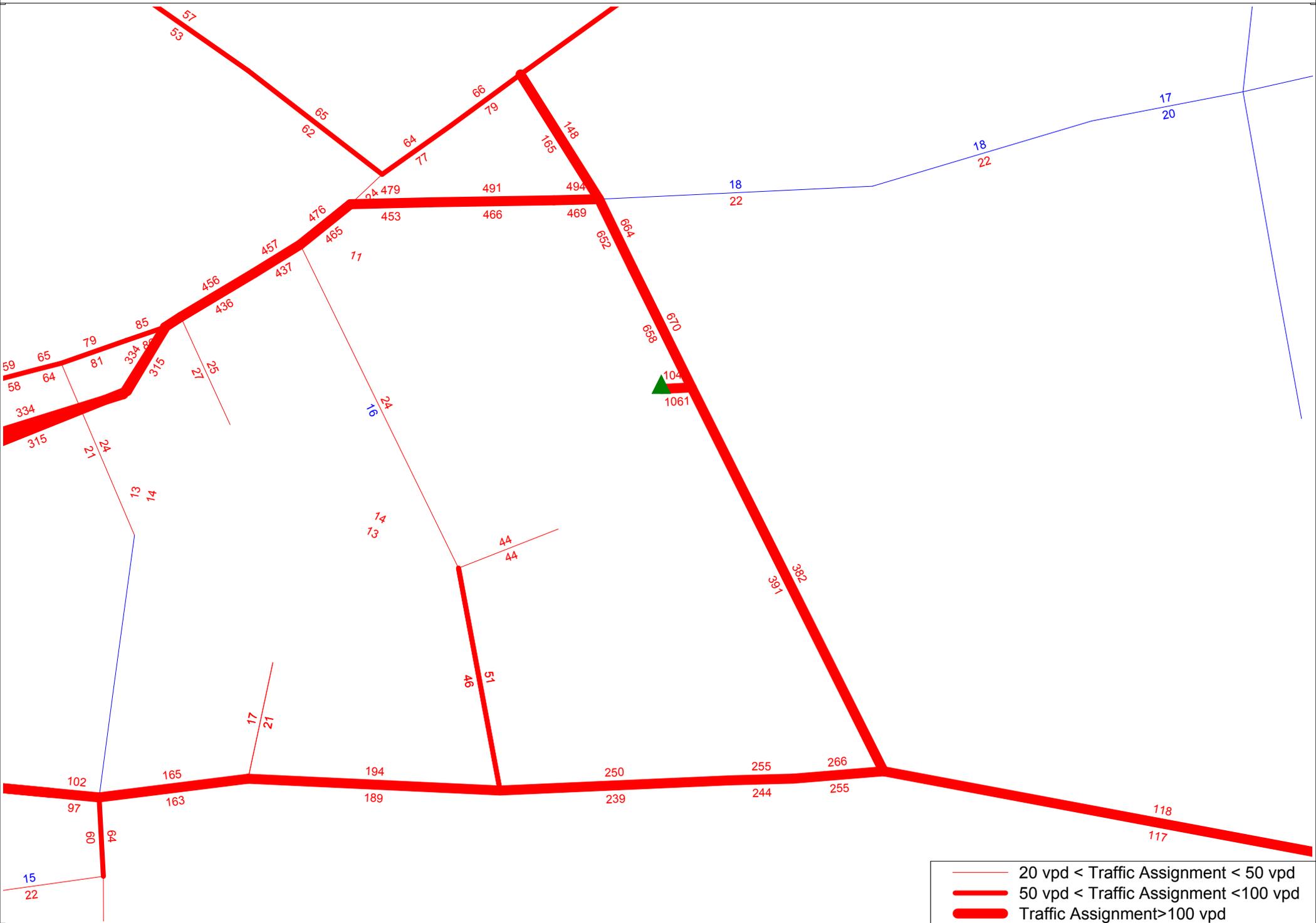
— 20 vpd < Traffic Assignment < 50 vpd  
— 50 vpd < Traffic Assignment < 100 vpd  
— Traffic Assignment > 100 vpd



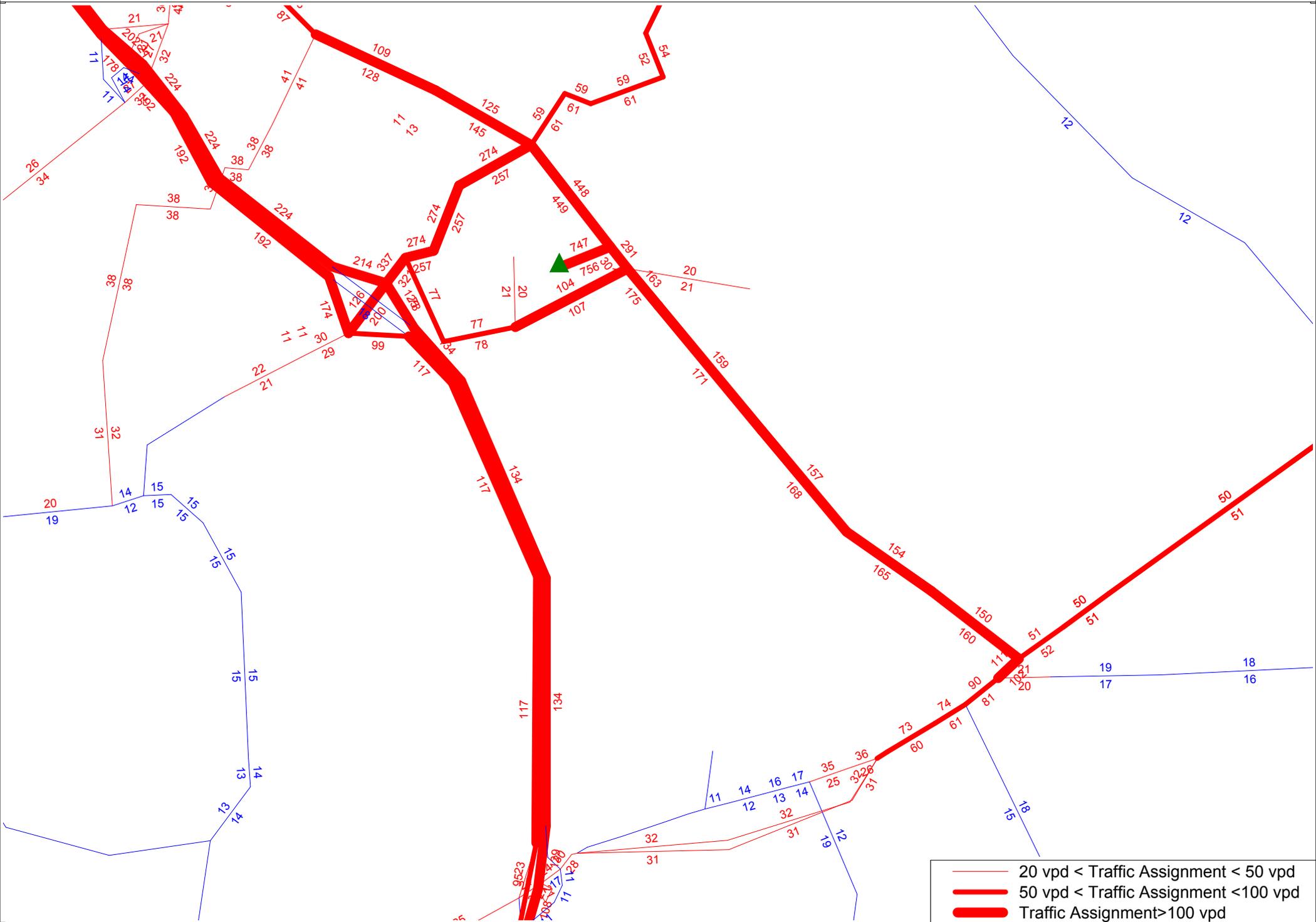




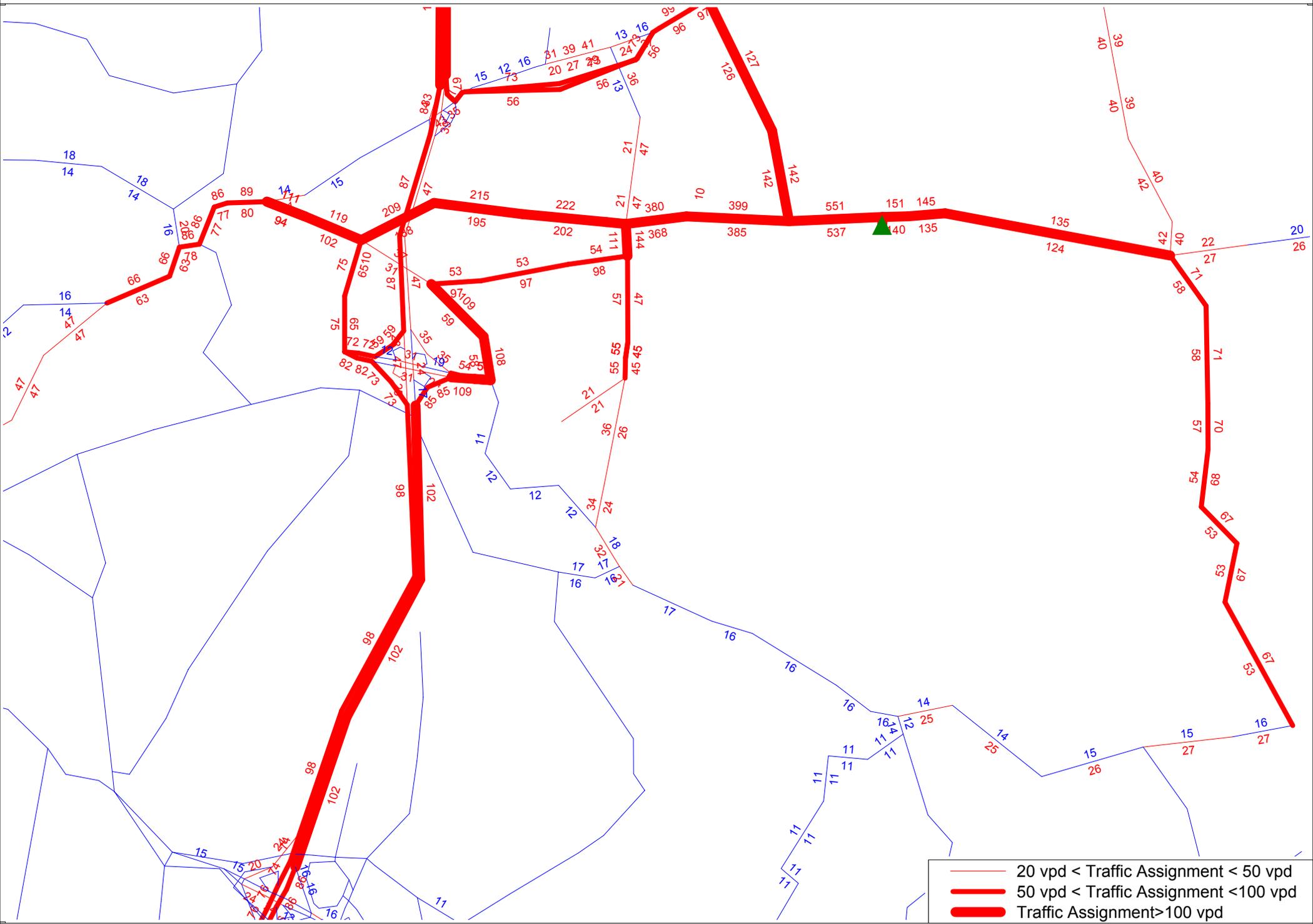
# SELECT LINK TRAFFIC ASSIGNMENT SHOWING TRIPS ORIGINATING AND TERMINATING AT MILLS OF MIAMI RID



# SELECT LINK TRAFFIC ASSIGNMENT SHOWING TRIPS ORIGINATING AND TERMINATING AT S & S DEVELOPMENT RID

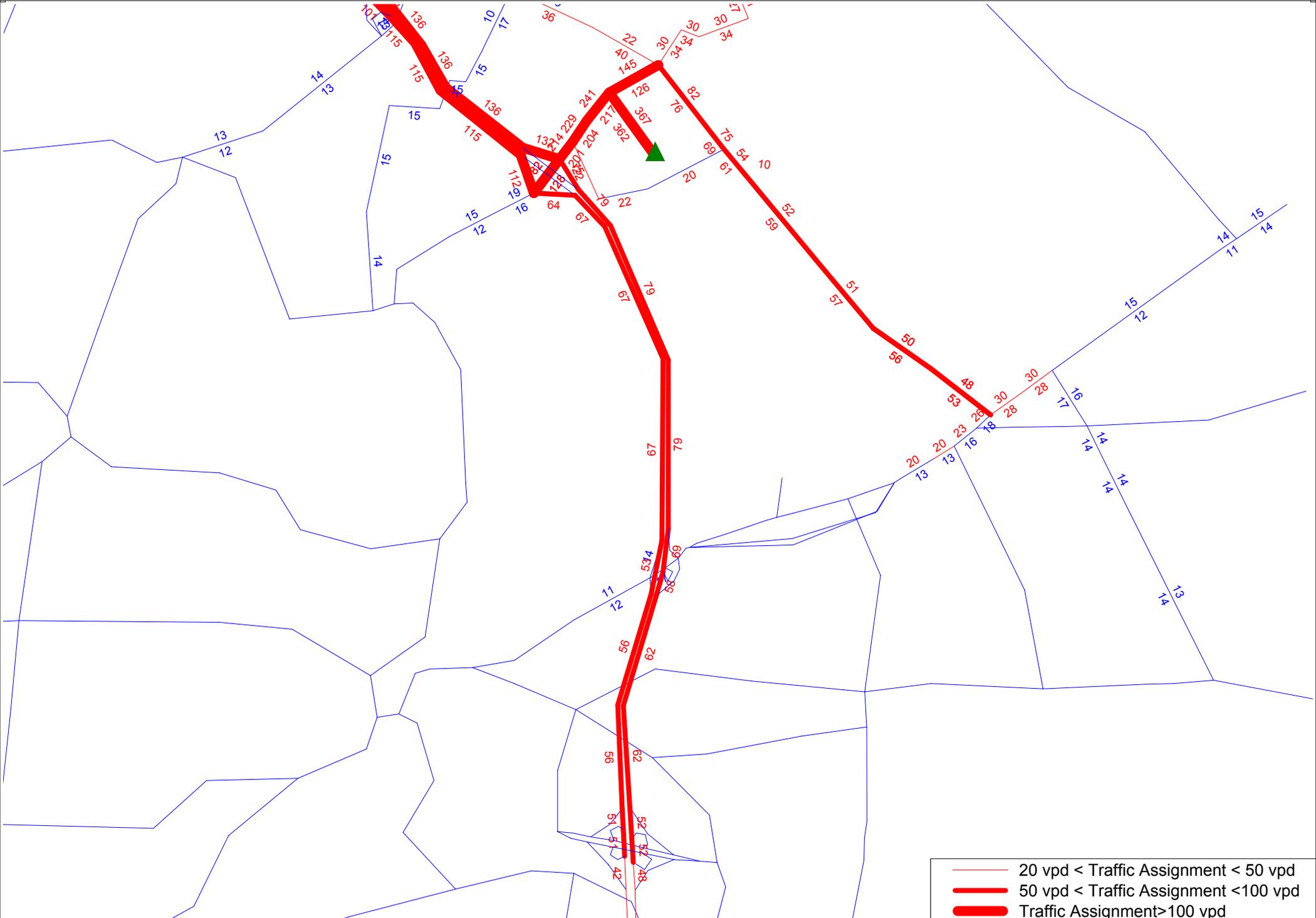


# SELECT LINK TRAFFIC ASSIGNMENT SHOWING TRIPS ORIGINATING AND TERMINATING AT VILLAS AT TARTAN GLEN RID



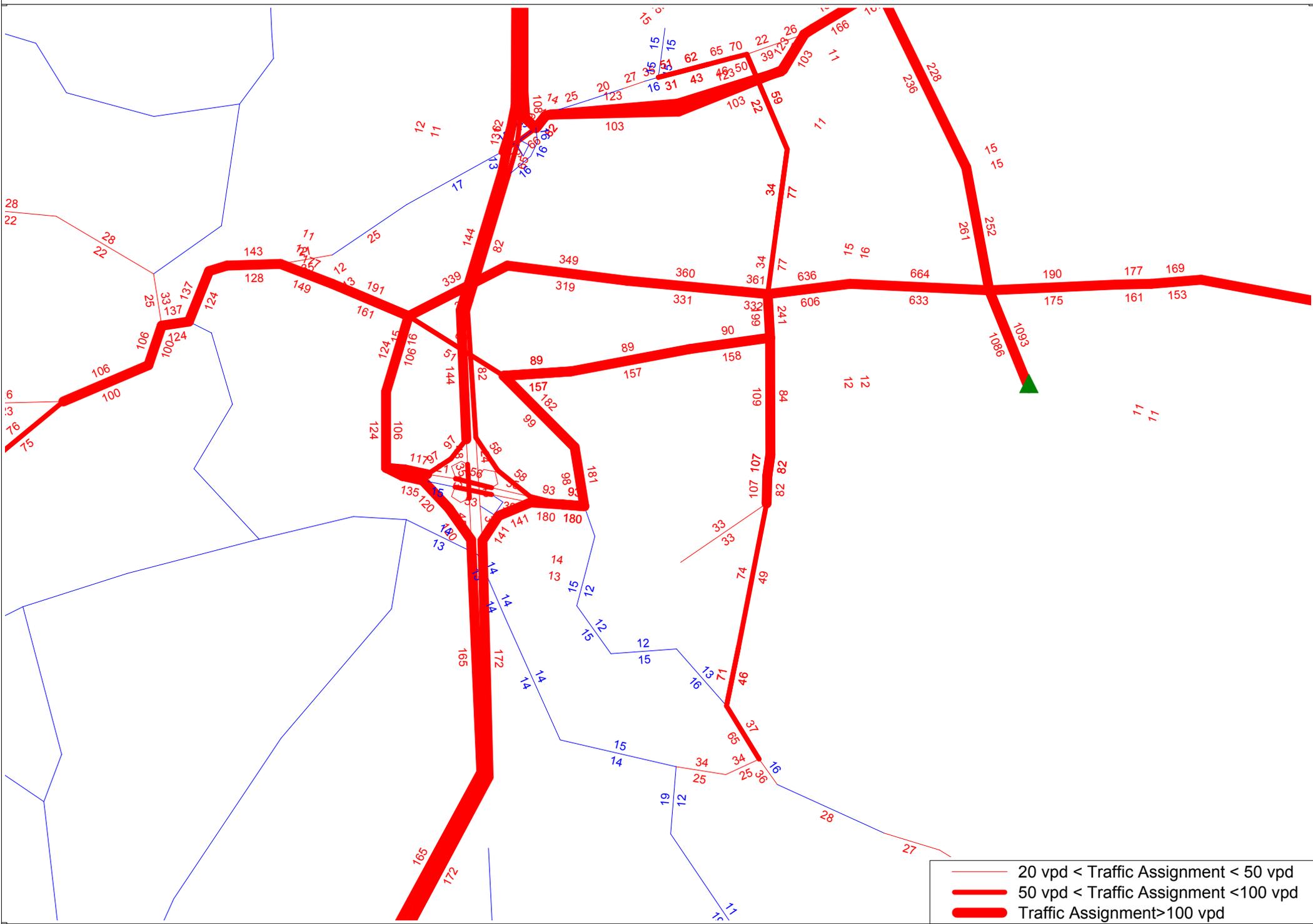
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- 50 vpd < Traffic Assignment < 100 vpd
- Traffic Assignment > 100 vpd

# SELECT LINK TRAFFIC ASSIGNMENT SHOWING TRIPS ORIGINATING AND TERMINATING AT WHALEN PROPERTY (WILLOWS BEND) RID



- 20 vpd < Traffic Assignment < 50 vpd
- 50 vpd < Traffic Assignment < 100 vpd
- Traffic Assignment > 100 vpd

# SELECT LINK TRAFFIC ASSIGNMENT SHOWING TRIPS ORIGINATING AND TERMINATING AT WHITE GATE FARM RID





## **Union Township**

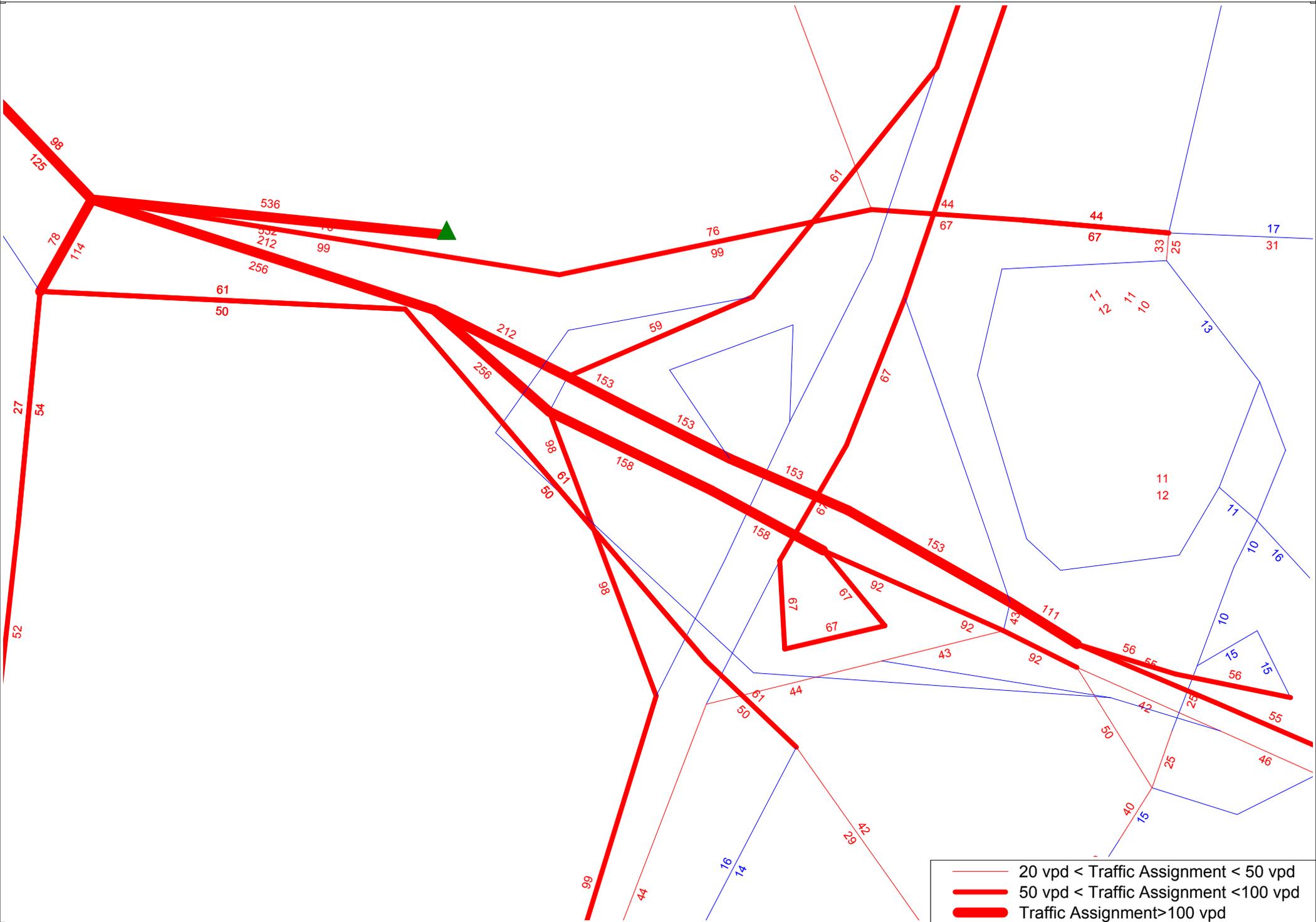
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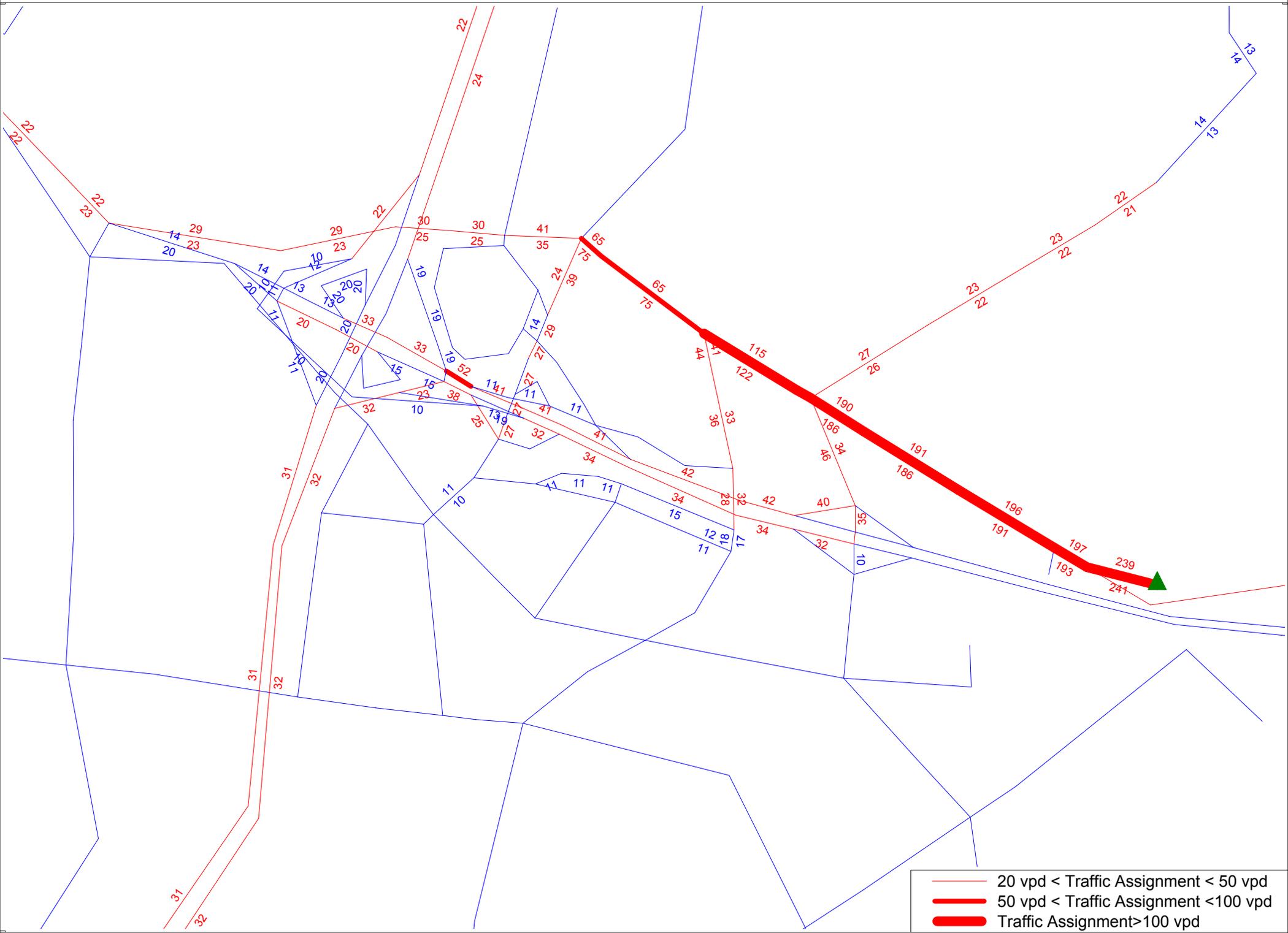


# SELECT LINK TRAFFIC ASSIGNMENT SHOWING TRIPS ORIGINATING AND TERMINATING AT DANIEL COURT RID





# SELECT LINK TRAFFIC ASSIGNMENT SHOWING TRIPS ORIGINATING AND TERMINATING AT McGUIRE FIELDS RID



- 20 vpd < Traffic Assignment < 50 vpd
- 50 vpd < Traffic Assignment < 100 vpd
- Traffic Assignment > 100 vpd

# SELECT LINK TRAFFIC ASSIGNMENT SHOWING TRIPS ORIGINATING AND TERMINATING AT RUMPKE RID

