

TTM Data

TTM Reference: 15SYD111

Location: Mons Rd / Western Hospital Access South

Suburb: Westmead

Date: Thursday, 30 April 2015

Survey Duration: 0700-1000 & 1400-1830

Weather: Fine

Notes:

AM Peak: 0900-1000

PM Peak: 1430-1530



Time	Northern Approach: Mons Rd											Southern Approach: Mons Rd											Eastern Approach: Hospital Parking											Western Approach: Hospital Parking													
15 min	Left			Straight			Right			U-turns	TOTAL	Peds	Left			Straight			Right			U-turns	TOTAL	Peds	Left			Straight			Right			U-turns	TOTAL	Peds											
time start	Light	Heavy	Total	Light	Heavy	Total	Light	Heavy	Total				Light	Heavy	Total	Light	Heavy	Total	Light	Heavy	Total				Light	Heavy	Total	Light	Heavy	Total	Light	Heavy	Total														
7:00	0	0	0	20	5	25	1	0	1	0	26	1	11	0	11	17	6	23	8	0	8	0	42	1	3	0	3	0	0	0	0	0	0	0	3	6	0	0	0	16	0	16	7				
7:15	0	0	0	15	7	22	0	0	0	0	22	1	9	0	9	6	3	9	4	0	4	0	22	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	9	0	9	8			
7:30	0	0	0	22	11	33	2	0	2	0	35	5	11	0	11	19	6	25	4	0	4	1	41	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	16	0	16	12				
7:45	0	0	0	15	9	24	0	0	0	0	24	0	7	0	7	11	7	18	9	0	9	1	35	2	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	8	0	8	0	8	25		
8:00	0	0	0	29	5	34	2	0	2	0	36	0	12	0	12	27	4	31	8	1	9	2	54	0	0	0	0	0	0	0	0	0	0	5	1	0	1	0	0	5	0	5	0	6	41		
8:15	0	0	0	23	12	35	1	0	1	0	36	1	9	0	9	12	8	20	6	0	6	0	35	0	1	1	2	0	0	0	0	0	0	2	1	1	0	1	0	1	0	9	0	9	0	10	26
8:30	0	0	0	16	9	25	0	0	0	0	25	1	13	0	13	12	6	18	5	0	5	0	36	6	0	0	0	0	0	0	0	0	0	15	1	0	1	0	0	7	1	8	0	9	17		
8:45	1	0	1	20	6	26	0	0	0	0	27	1	7	0	7	27	4	31	8	0	8	0	46	2	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	16	0	16	0	16	16		
9:00	0	0	0	15	3	18	0	0	0	0	18	1	15	0	15	14	10	24	9	0	9	0	48	0	0	0	0	0	0	0	0	0	0	6	1	0	1	0	0	14	0	14	0	15	1		
9:15	2	0	2	17	4	21	1	0	1	0	24	6	11	0	11	19	6	25	4	0	4	0	40	2	0	0	0	0	0	0	0	0	0	7	3	0	3	1	0	1	12	0	12	0	16	16	
9:30	0	0	0	27	7	34	3	0	3	0	37	0	16	1	17	29	7	36	6	0	6	1	60	1	0	0	0	0	0	0	0	0	0	7	4	0	4	0	0	18	0	18	0	22	7		
9:45	0	0	0	27	4	31	2	0	2	0	33	0	16	0	16	18	5	23	1	0	1	41	1	0	0	0	0	0	0	0	0	0	2	4	0	4	0	0	17	1	18	0	22	10			
TOTAL	3	0	3	246	82	328	12	0	12	0	343	17	137	1	138	211	72	283	72	1	73	6	500	15	4	1	5	0	0	0	0	0	5	62	15	0	15	1	0	1	147	2	149	0	165	186	
AM Peak	2	0	2	86	18	104	6	0	6	0	112	7	58	1	59	80	28	108	20	0	20	2	189	4	0	0	0	0	0	0	0	0	0	0	22	12	0	12	1	0	1	61	1	62	0	75	34

14:00	2	0	2	16	3	19	1	0	1	0	22	0	14	0	14	17	3	20	5	1	6	1	41	2	3	0	3	0	0	0	0	0	0	3	2	1	0	1	0	0	32	0	32	0	33	10	
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15:00	1	0	1	35	3	38	0	0	0	0	39	3	8	0	8	18	5	23	7	0	7	2	40	9	2	0	2	0	0	0	0	0	0	2	4	0	0	0	26	0	26	0	26	33			
15:15	0	0	0	24	8	32	2	0	2	0	34	2	8	0	8	15	6	21	2	0	2	3	34	2	0	0	0	0	0	0	0	0	0	6	1	0	1	0	0	0	32	0	32	0	33	34	
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TOTAL	5	0	5	425	110	535	6	0	6	4	550	22	126	0	126	261	106	367	53	1	54	20	567	41	24	0	24	0	0	0	0	0	0	24	62	8	0	8	0	0	0	450	0	450	0	458	297
PM Peak	2	0	2	121	23	144	3	0	3	0	149	11	29	0	29	63	17	80	26	0	26	10	145	18	3	0	3	0	0	0	0	0	3	16	2	0	2	0	0	110	0	110	0	112	99		

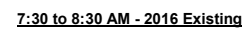


TTM Reference: 15SYD111
Location: Mons Rd / Darcy Rd
Suburb: Westmead
Date: Thursday, 7 May 2015
Survey Duration: 0700-1000 & 1400-1830
Weather: Fine
Notes: Footage recorded at later date due to original footage having one camera tampered with.

Time	Northern Approach: Mons Rd												Southern Approach: Mons Rd												Eastern Approach: Institute Rd												Western Approach: Darcy Rd																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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15 min	Light	Heavy	Total	Light	Heavy	Total	Light	Heavy	Total				Light	Heavy	Total	Light	Heavy	Total	Light	Heavy	Total				Light	Heavy	Total	Light	Heavy	Total	Light	Heavy	Total				Light	Heavy	Total	Light	Heavy	Total																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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Appendix C

Existing, 2020 Base Case and Post-Development Traffic Flows



7:30 to 8:30 AM - 2016 Existing

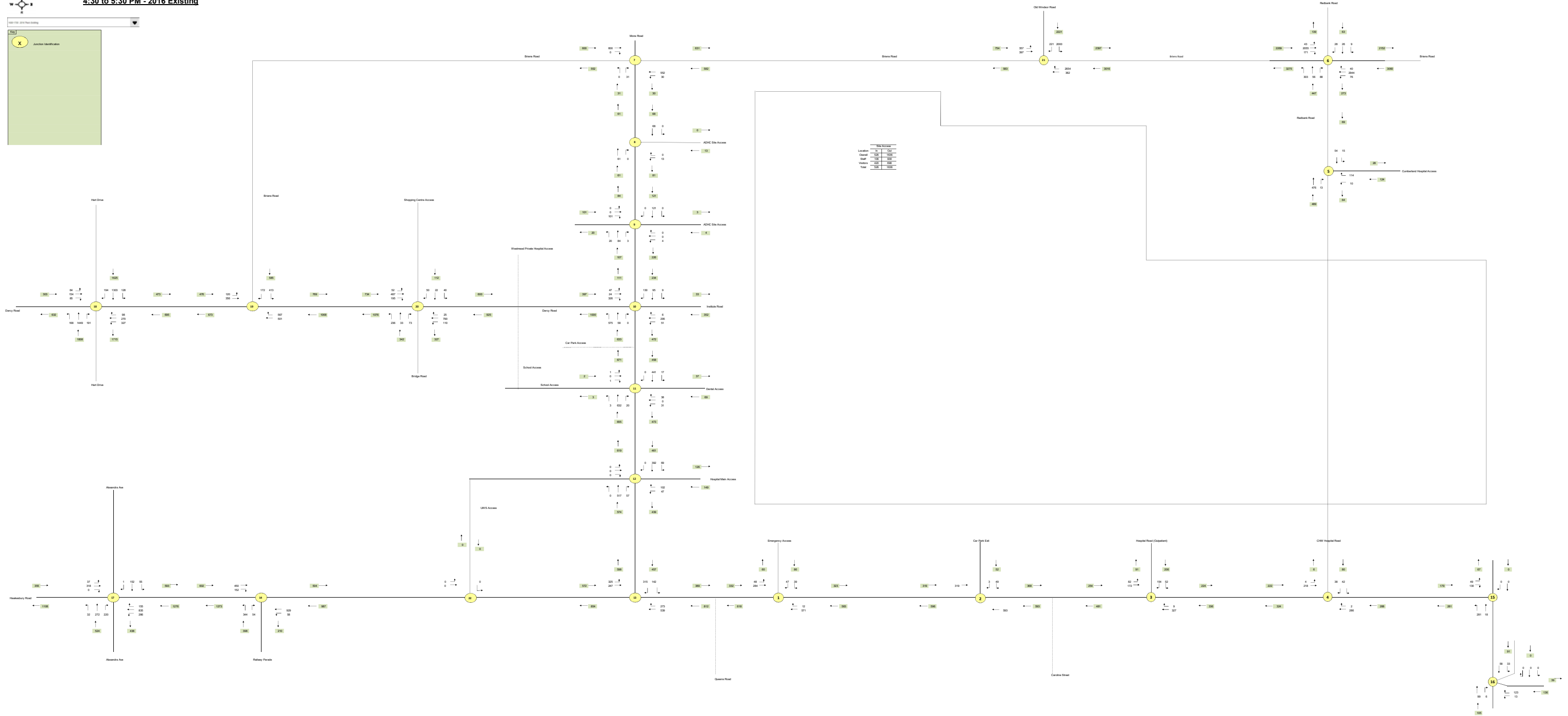
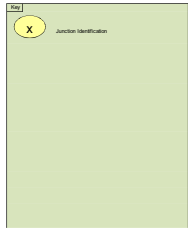
2750-0000 2014 Thru Ending

Junction Identification



4:30 to 5:30 PM - 2016 Existing

Map 100 - ADHC Non-Existing

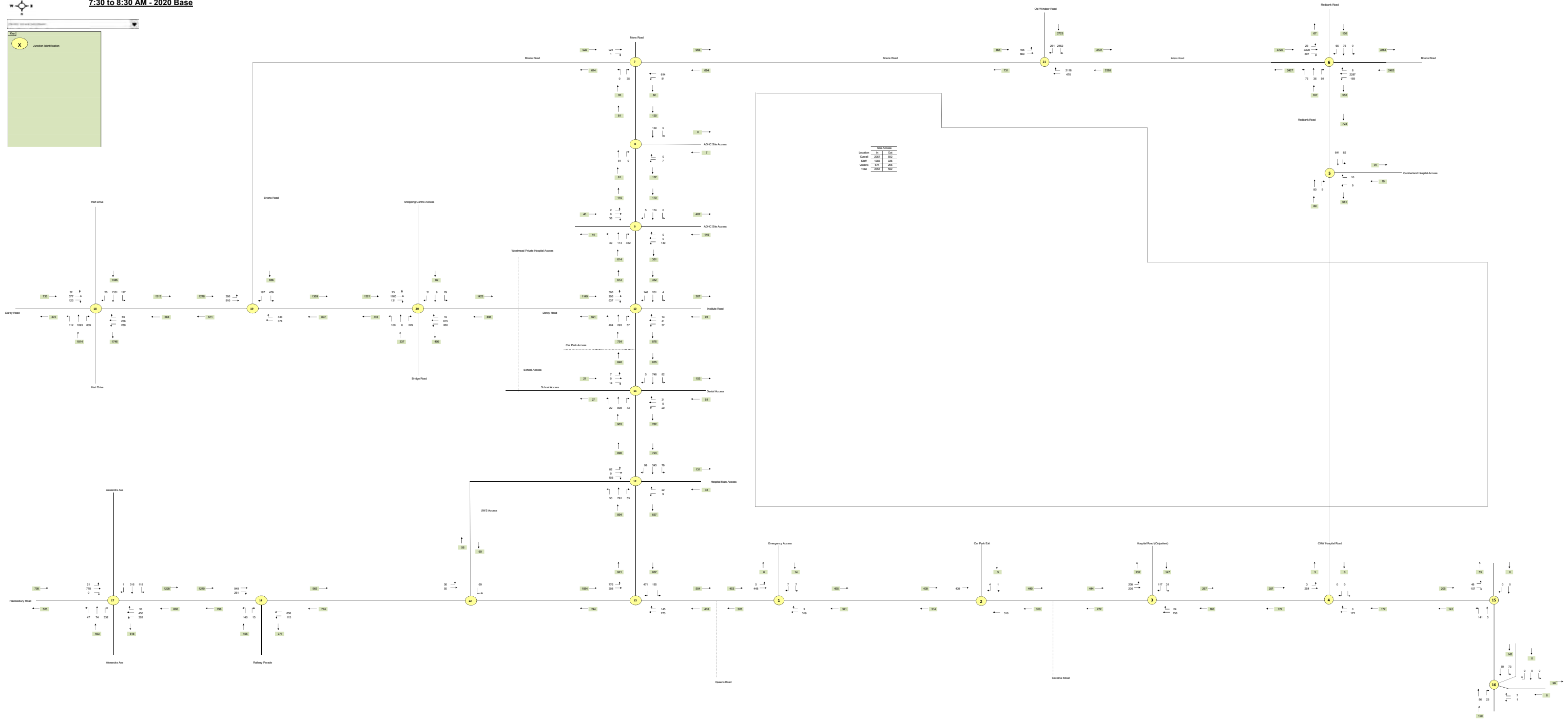




7:30 to 8:30 AM - 2020 Base

Map

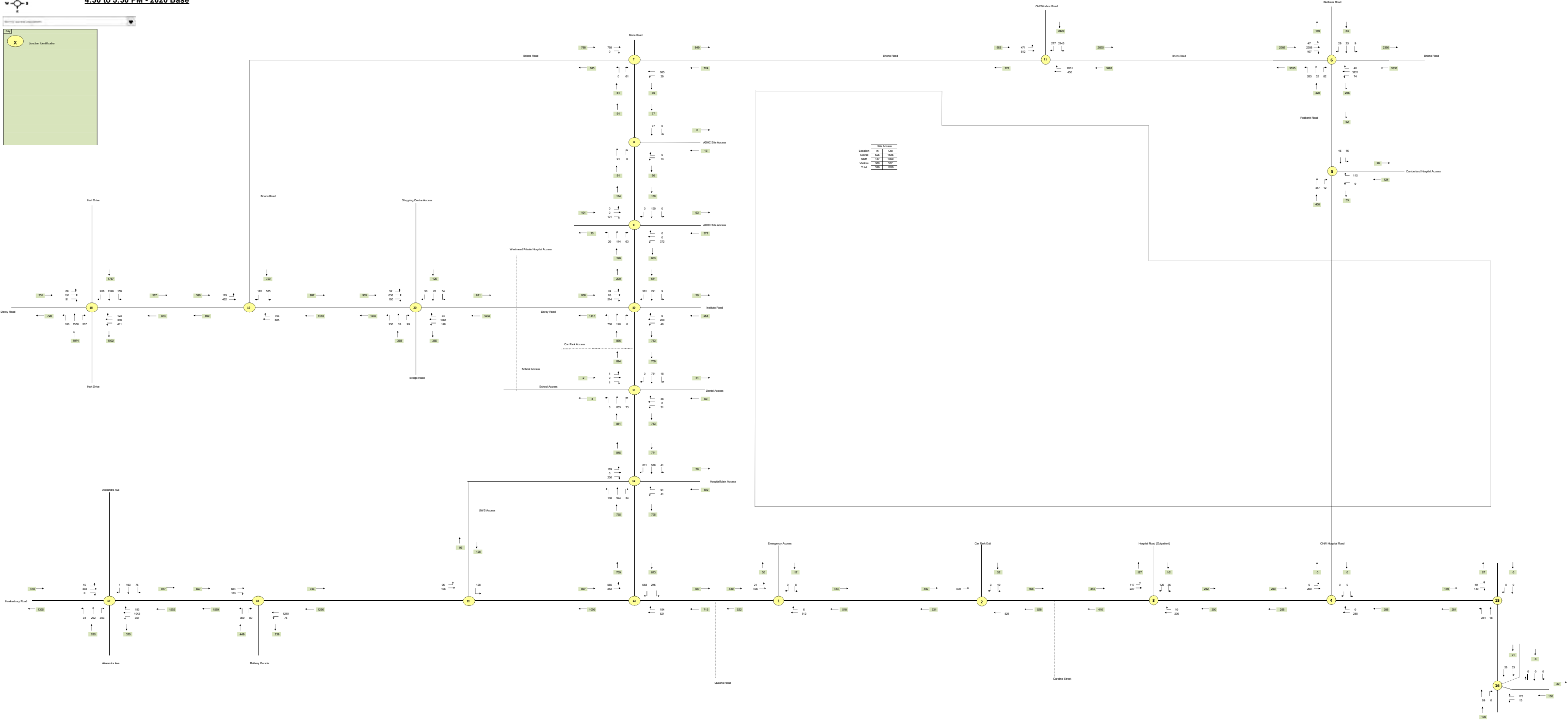
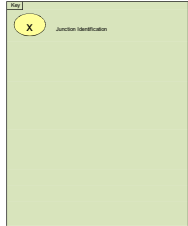
X Junction Identification





4:30 to 5:30 PM - 2020 Base

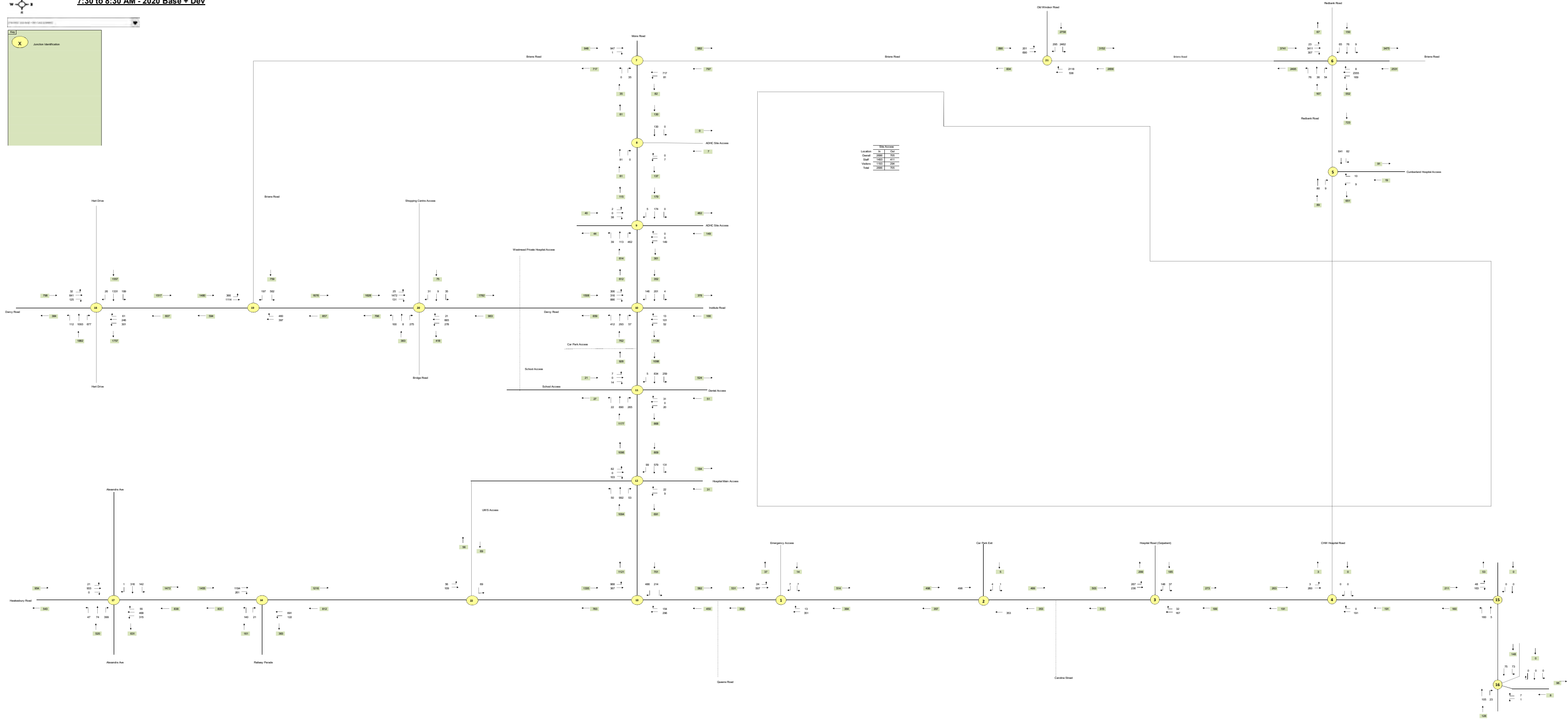
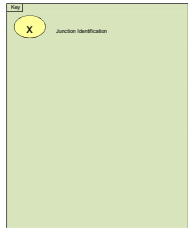
SEARCH JUNCTION INFORMATION

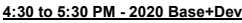




7:30 to 8:30 AM - 2020 Base + Dev

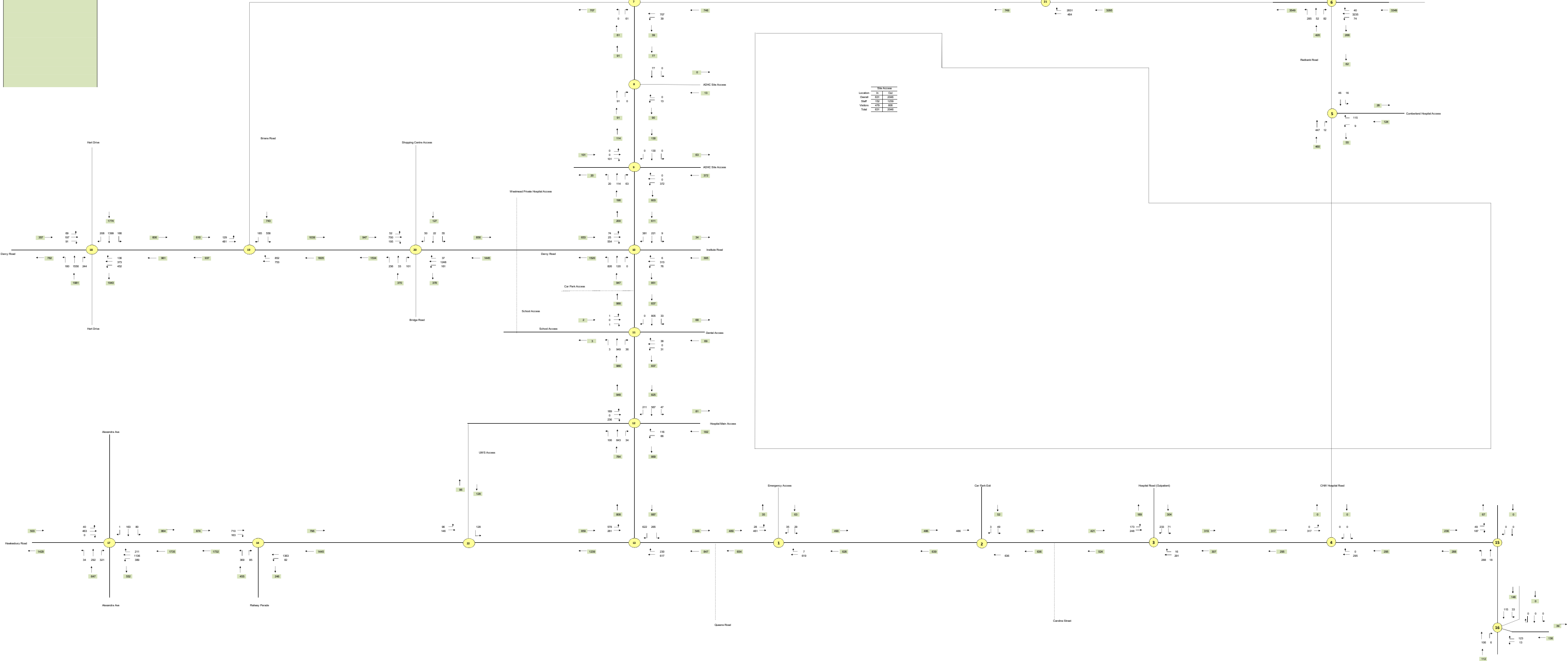
PROJECT: GCHQ - 100-100-000000





4:30 to 5:30 PM - 2020 Base+Dev

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 Junction Identification

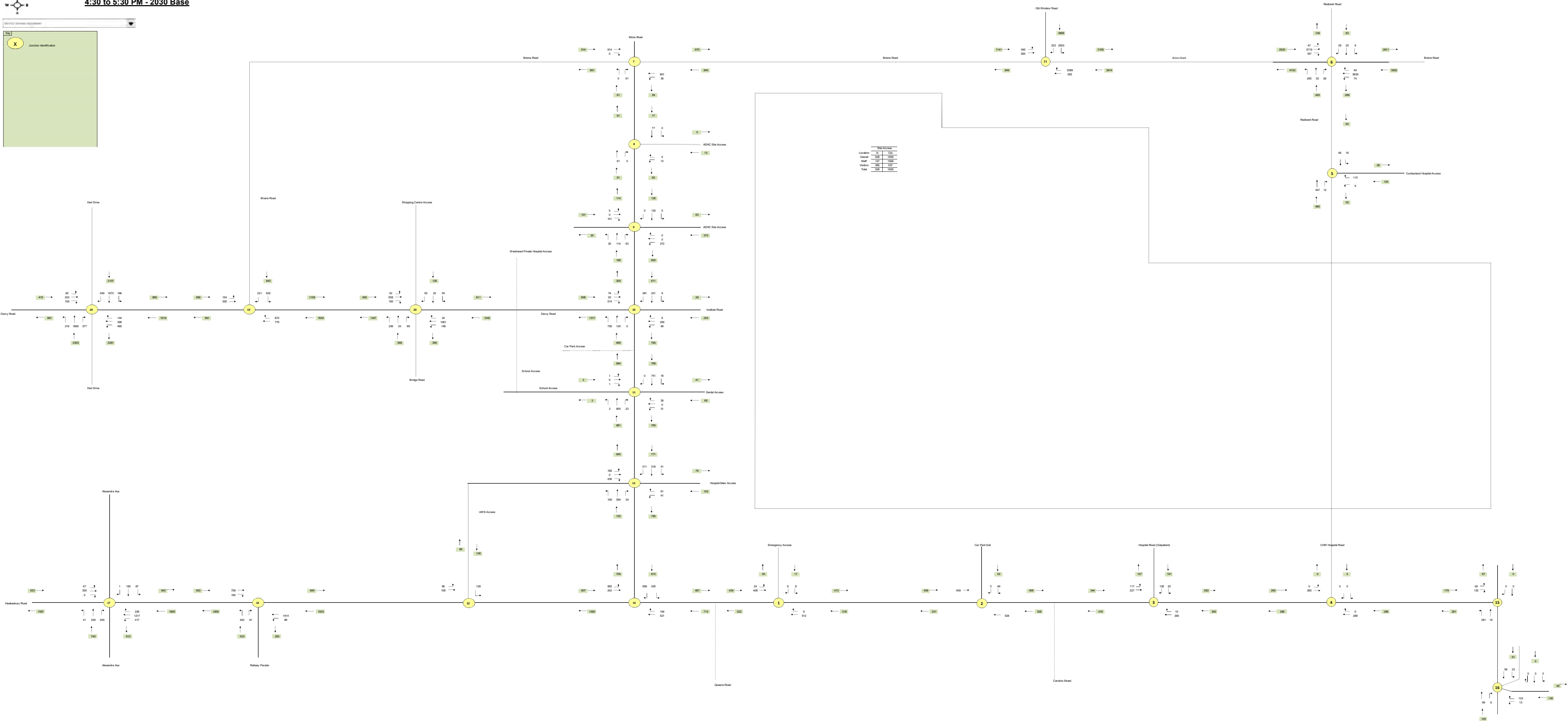




4:30 to 5:30 PM - 2030 Base

Search Junction Identification

X



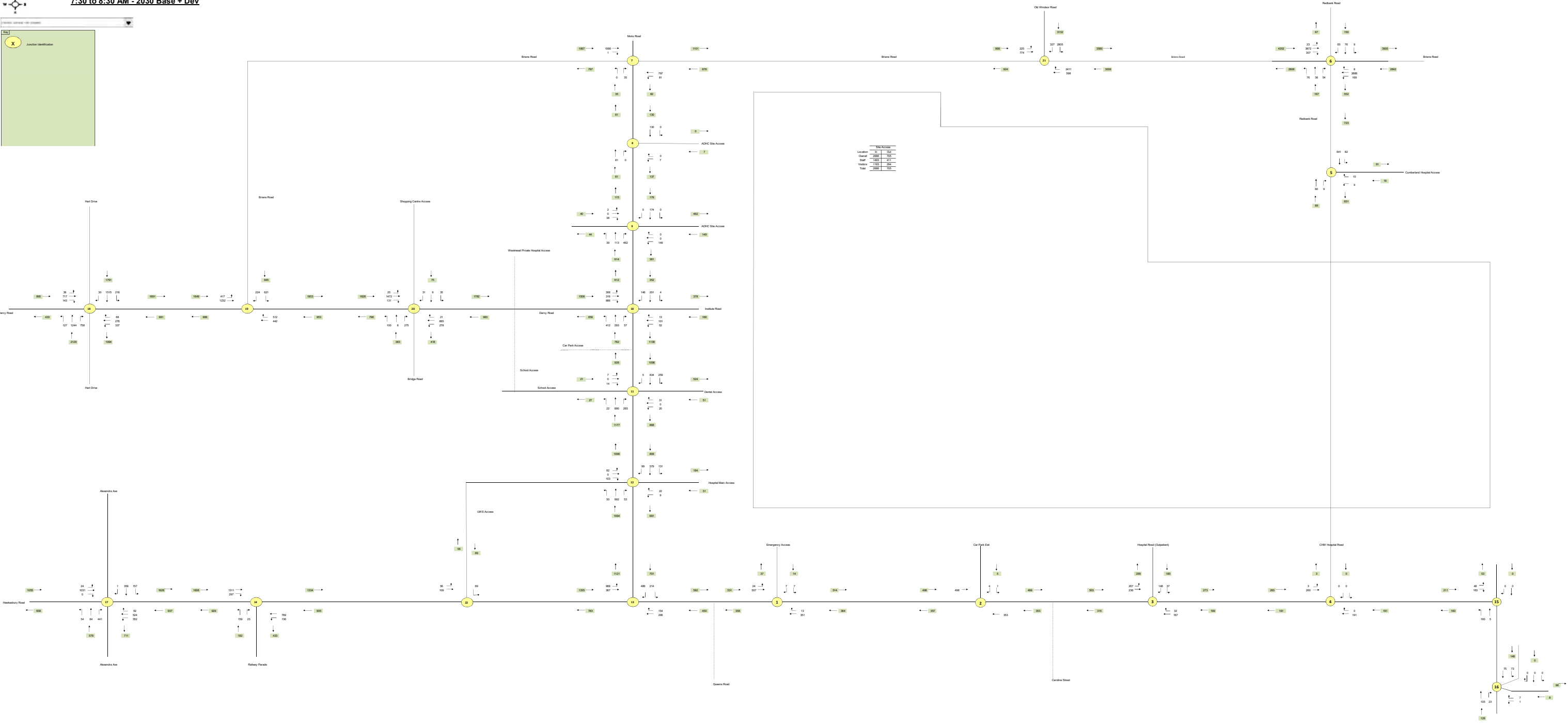


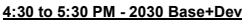
7:30 to 8:30 AM - 2030 Base + Dev

Legend

X

Junction Identification

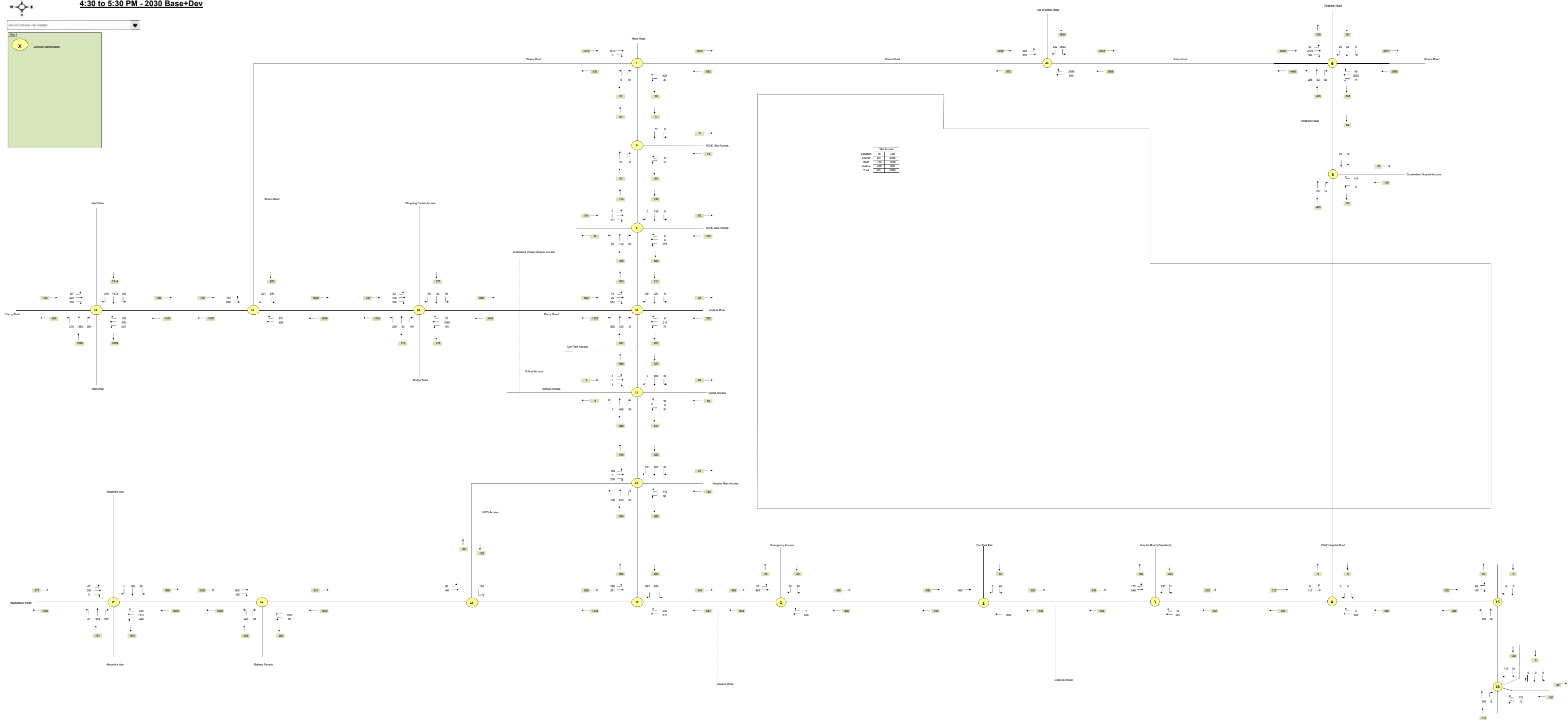




4:30 to 5:30 PM - 2030 Base+Dev

40175-12345-12345-12345-12345

Junction Identification



Appendix D

SIDRA Intersection Results

Table D.1: Existing Operating Conditions

Intersection	Leg	Peak	Degree of Saturation (DOS)	Average Delay (sec)	95th Percentile Queue (m)	Level of Service (LOS)
Briens Road/ Redbank Road	Intersection	AM	1.05	20	293	B
		PM	1.37	53	826	D
Hart Drive/ Darcy Road	Intersection	AM	0.96	76	297	E
		PM	0.90	52	284	D
Darcy Road/ Bridge Road/ Shopping Centre Access	Intersection	AM	0.96	44	352	D
		PM	0.79	28	141	B
Darcy Road/ Mons Road/ Institute Road	Intersection	AM	0.64	27	168	B
	North (T-Way)		0.13	47	23	D
	South (T-Way)		0.16	58	10	E
	Intersection	PM	0.71	51	119	D
	North (T-Way)		0.08	20	10	B
	South (T-Way)		0.19	33	14	C
Darcy Road/ Oral Health Access/ School Access	Intersection	AM	0.31	16	130	B
	North (T-Way)		0.04	16	18	B
	South (T-Way)		0.02	9	4	A
	Intersection	PM	0.23	15	123	B
	North (T-Way)		0.04	1	1	A
	South (T-Way)		0.04	9	8	A
Darcy Road/ Main Hospital Access	Intersection	AM	0.31	24	143	B
	North (T-Way)		0.05	8	6	A
	South (T-Way)		0.02	3	1	A
	Intersection	PM	0.40	29	101	C
	North (T-Way)		0.04	27	20	B
	South (T-Way)		0.05	13	11	A
Darcy Road/ Hawkesbury Road	Intersection	AM	1.04	60	212	E
	North (T-Way)		0.17	64	11	E
	East (T-Way)		0.01	25	1	B
	West(T-Way)	PM	0.03	16	3	B
	Intersection		1.64	308	825	F
	North (T-Way)		0.19	56	12	D