Published Casino Trip Generation Data and Trip Generation Projections for the Proposed Oneida Tribe Casino: Peak Hour and Daily Trips Generated

Published Casino Traffic Studies

Casino/Casino Size/Casino Location	Peak Hour Trips (1)			Peak Hour Trip Rate (vehicles per 1,000 sq. ft.)			Daily Trips (1)			Daily Trip Rate (vehicles per 1,000 sq. ft.)		
	Friday (PM)	Saturday (PM)	Sunday (PM)	Friday (PM)	Saturday (PM)	Sunday (PM)	Friday	Saturday	Sunday	Friday	Saturday	Sunday
Stockbridge-Munsee Casino (2) 654,000 total square feet Thompson, NY Sullivan County	2,060	2,258	2,264	3.1	3.5	3.5	30,550	36,700	34,690	46.7	56.1	53.0
Mohawk Mountain Casino (3) 780,200 total square feet Thompson, NY Sullivan County	1,270		1,396	1.6		1.8	N.A.			N.A.		
Monticello Raceway Casino (4) 600,000 total square feet Monticello, NY Sullivan County	1,319		1,589	2.2		2.6	8,344		9,460	13.9		15.8
			Average Peak Hour Trip Rate	2.3	3.5	2.6			**Average Daily Trip Rate**	30.3	56.1	34.4
				2.3		**2.6**						

Homeland/Cordish Project: Proposed Oneida Tribe Casino

	Total Area (sq. ft.)	Peak Hour Trips (1)			Daily Trips (1)			
		Friday (PM)	Saturday (PM)	Sunday (PM)	Friday	Saturday	Sunday	
Applying the Stockbridge-Munsee Casino rates to the proposed project →	1,051,050 Gaming Area: 281,250 Restaurant and Lounges: 92,000 Meeting Space: 50,000 Retail: 22,000 Entertainment: 102,500 Hotel: 750 Rooms Spa/Pool: 84,000 Back of House: 104,800	3,311	3,629	3,638	49,097	58,981	55,751	
Applying the Mohawk Mountain Casino rates to the proposed project →	1,051,050 Gaming Area: 281,250 Restaurant and Lounges: 92,000 Meeting Space: 50,000 Retail: 22,000 Entertainment: 102,500 Hotel: 750 Rooms Spa/Pool: 84,000 Back of House: 104,800	1,711		1,881	N.A.			
Applying the Monticello Raceway Casino rates to the proposed project →	1,051,050 Gaming Area: 281,250 Restaurant and Lounges: 92,000 Meeting Space: 50,000 Retail: 22,000 Entertainment: 102,500 Hotel: 750 Rooms Spa/Pool: 84,000 Back of House: 104,800	2,311		2,784	14,617		16,572	
	Average Number of Trips	**2,444**	**3,629**	**2,768**	**31,857**	**58,981**	**36,161**	**#DIV/0!**

Notes:
(1) Includes all trips; auto, bus, delivery
(2) Data sourced from Stockbridge-Munsee Casino DEIS, January 2005
(3) Data sourced from Mohawk Mountain Casino Resort FEIS, September, 2004
(4) Data sourced from Monticello Raceway Casino FEIS, February 1998 and FEIS Updated Traffic Analysis, January 2003

Event Field Trip Gen

Total Attendance	76560	From Hart Howerton
Total Weeks	12	Summer Months
Weekly Attendance	6380	Total Attendance/Weeks
Days of Operation	4	Thurs, Fri, Sat, Sun
Daily Attendance	1595	Weekly Attendance/Days
Vehicle Occuplancy	2.5	From Bethel Woods
Daily Vehicles	638	Daily Attendances/veh occupancy
Friday Peak Factor	0.3	
Sunday Peak Factor	0.4	
Friday Peak Trips + Growth	230	(Daily vehicless* Fri peak hour hour factor*20% growth for peaking)
Sunday Peak Trips + Growth	306	(Daily vehicless* Sun peak hour hour factor*20% growth for peaking)

improvements for such a large event could change the rural character of the surrounding community. Therefore, it is more practical to continue with the traffic management plans approved and employed for other similarly-sized events held at the project site. However, it is important to note that any physical traffic improvement measures necessary for the 17,500-person Pavilion event would be in place, along with the traffic management plan employed for previous 30,000-person events held at the project site. Physical improvements coupled with the traffic management plan would certainly improve conditions from what has previously been experienced at the project site during a 30,000-person event.

Table 11-10 summarizes the trip generation assumptions employed for a 17,500- and 30,000-person event. These estimates are based on surveys conducted at the site during an event, and from the information presented to the Town of Bethel and NYSDOT for previous events held at the project site.

Table 11-10

Trip Generation Assumptions

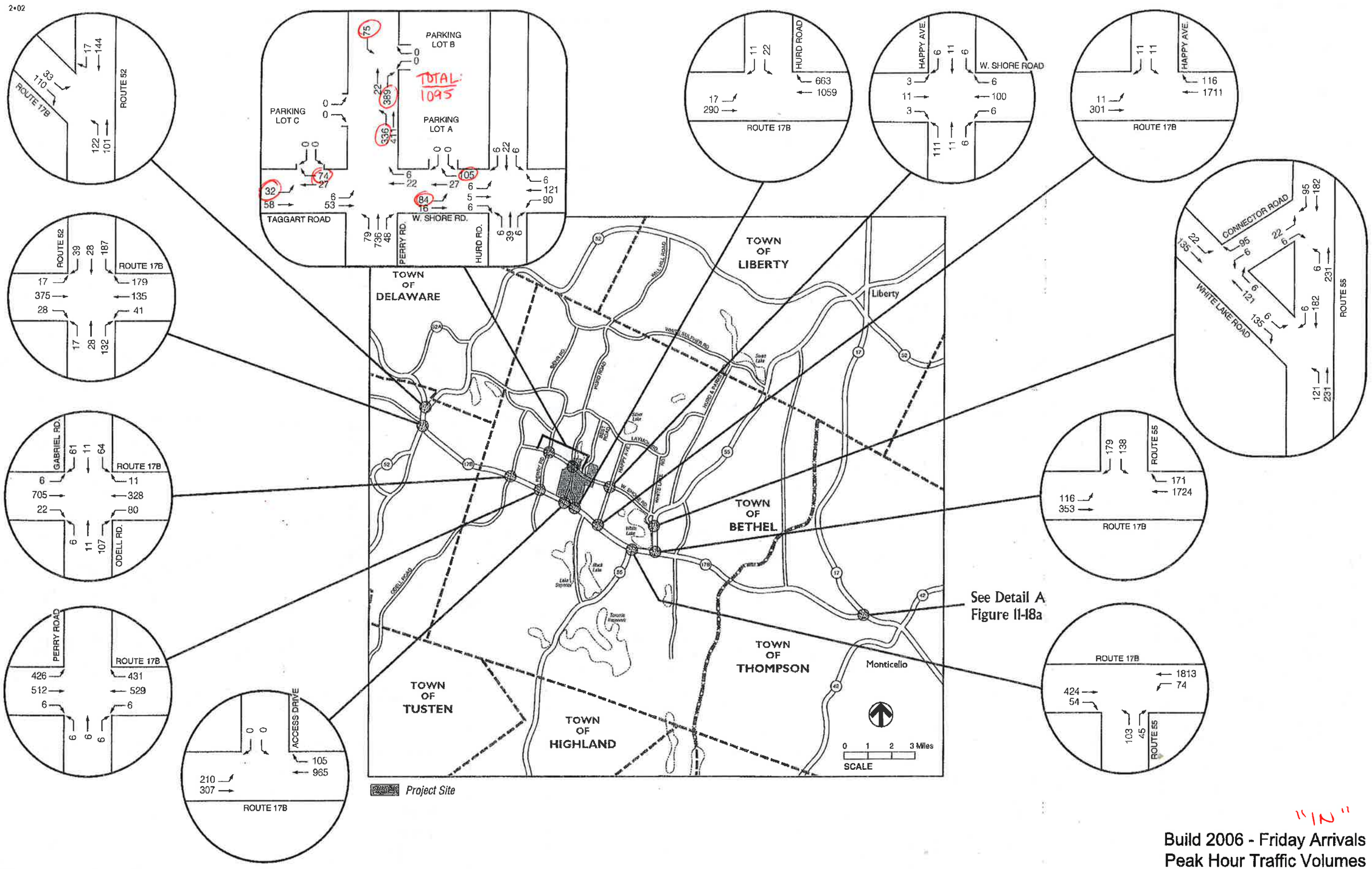
	17,500-Person Event (Pavilion)	30,000-Person Event (Festival Stage)
Vehicle Occupancy (1)	2.5	3.0
Number of Vehicle Trips Per Performance	7,000	10,000
Number of Arriving Peak Hour Trips (2)	43% 2,100 } TOTAL = 4,900	≈43% 3,000 } TOTAL = 7,000
Number of Departing Peak Hour Trips (3)	57% 2,800	≈57% 4,000

Notes: (1) Vehicle occupancy based on data/surveys from previous events held at the site. For 17,500-person events, the occupancy was lowered to 2.5 to provide for a more conservative analysis and to reflect the anticipated differences in patrons attending these events.
(2) Based on data/surveys from previous events held at the site approximately 30 percent of the arriving traffic would travel during the peak hour of the roadway network.
(3) Based on data/surveys from previous events held at the site approximately 40 percent of the departing traffic would travel during the peak hour of the roadway network.

PROJECT-GENERATED VEHICULAR ASSIGNMENT

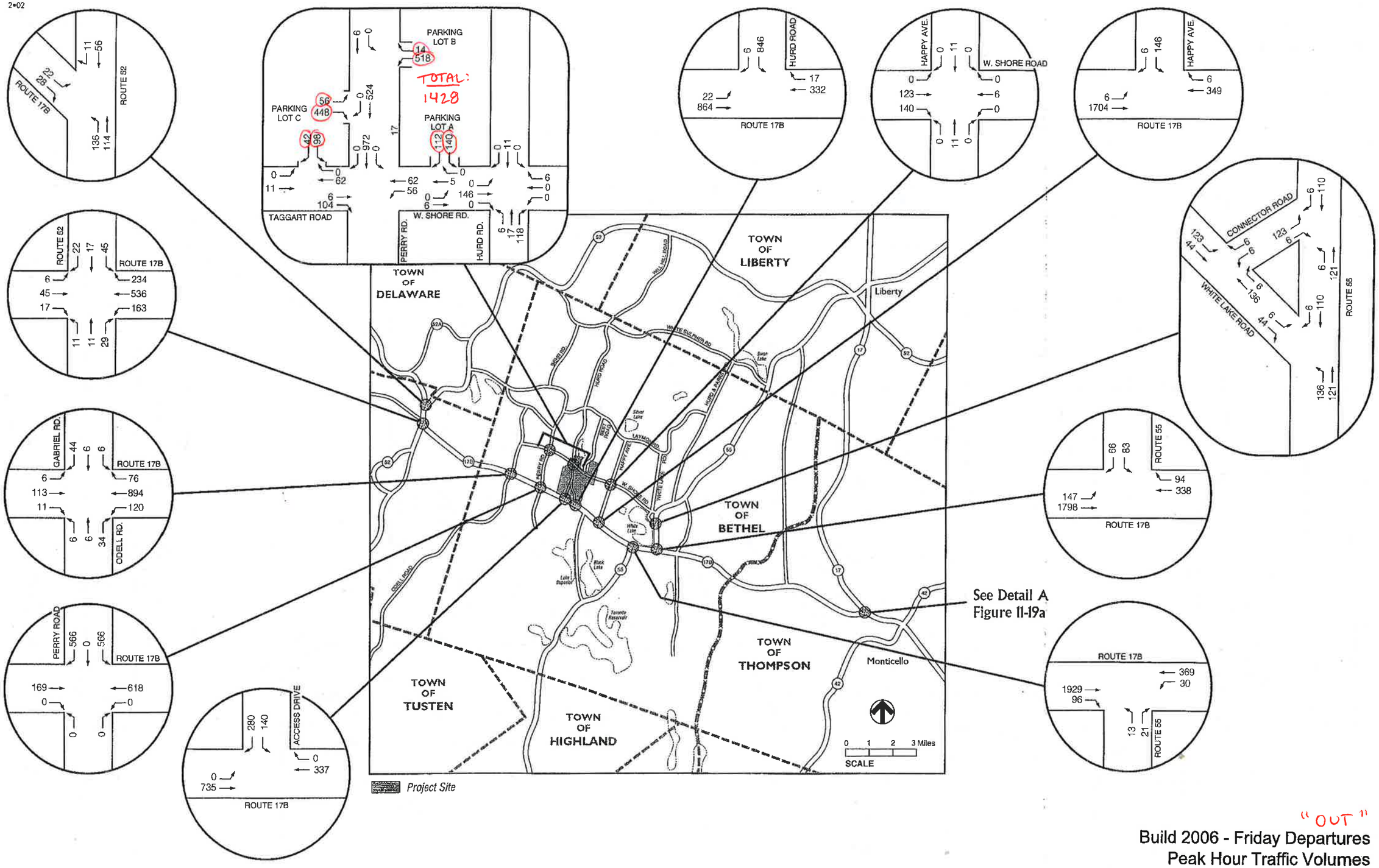
The traffic generated by the proposed project for a 30,000-person event (a Festival Stage event) was based on surveys conducted at the site during a previous event and traffic studies presented to the Town of Bethel and NYSDOT for previous events held at the project site. This information revealed the following pattern:

- From NYS Route 17 – 67.5 percent
- From NYS Route 17B west of the site – 15.0 percent
- From NYS Route 17B east of the site (not including traffic from NYS Route 17) –7.5 percent
- From other local roadways – 10.0 percent



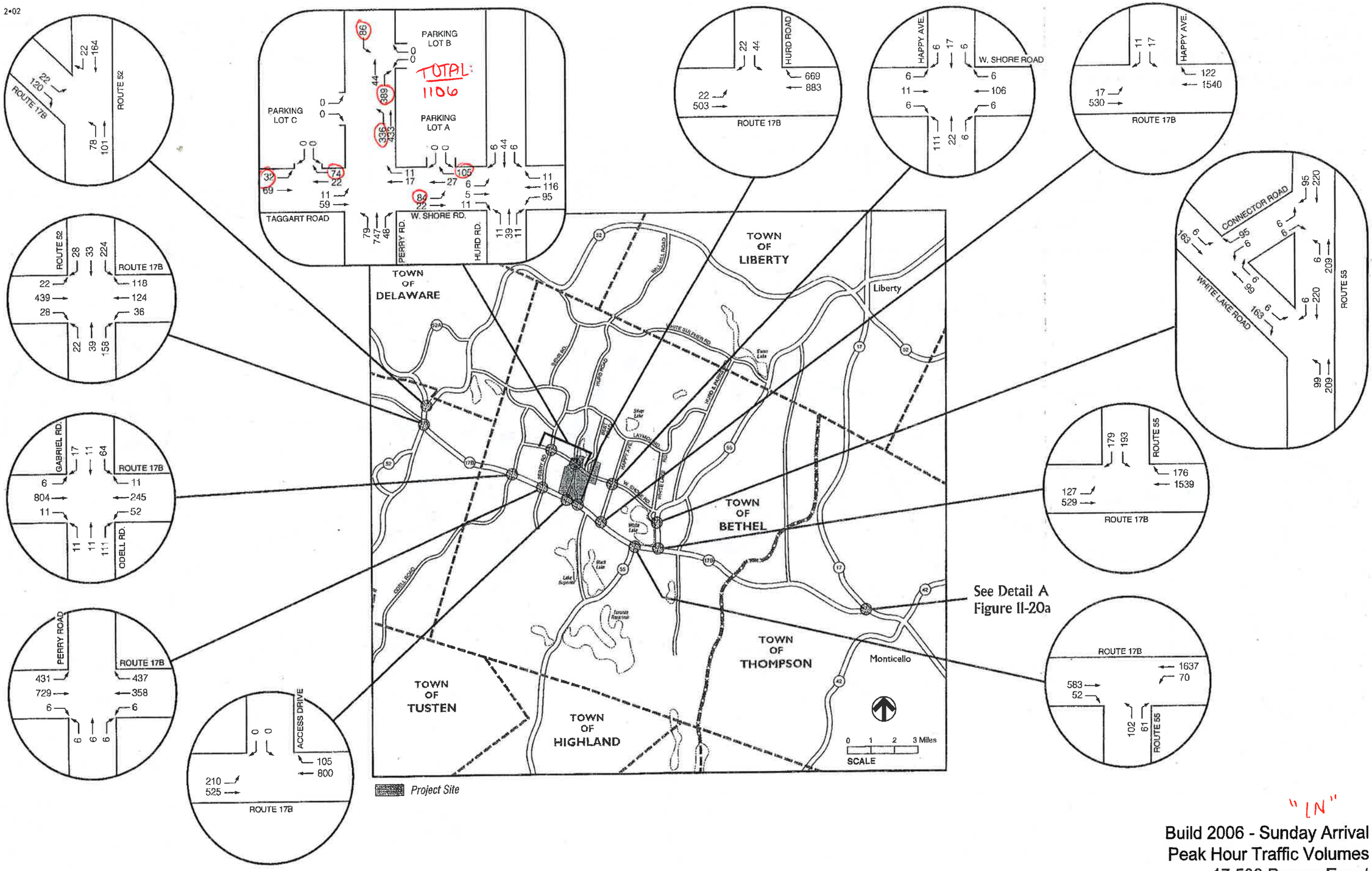
"IN"

Build 2006 - Friday Arrivals
Peak Hour Traffic Volumes
17,500 Person Event
Figure 11-18



"OUT"

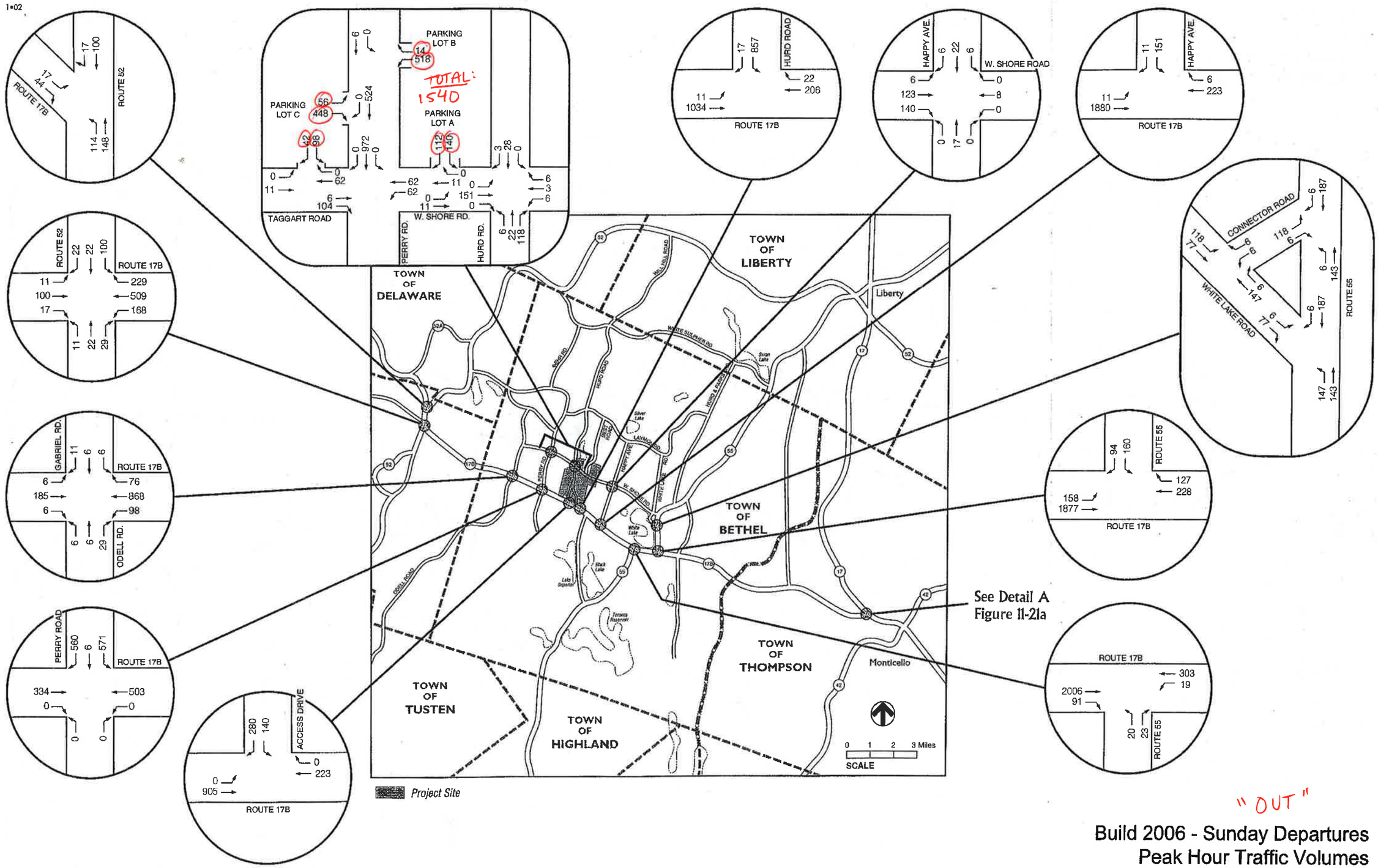
Build 2006 - Friday Departures
Peak Hour Traffic Volumes
17,500 Person Event
Figure 11-19



"IN"

Build 2006 - Sunday Arrival
Peak Hour Traffic Volumes
17,500 Person Event

Figure 11-20



"OUT"

Build 2006 - Sunday Departures
Peak Hour Traffic Volumes
17,500 Person Event

Seven21 Media - 33,000 sq ft

Kingston 33 ksf

Friday	In	Out	
3:30-4:30PM	18	21	
4:30-5:30PM	17	24	
5:30-6:30PM	12	38	
Average	16	28	44
Friday Rate	0.484848	0.848485	1.333
	36%	64%	

Sunday	In	Out	
3:30-4:30PM	8	6	
4:30-5:30PM	4	8	
5:30-6:30PM	2	4	
Average	5	6	11
Sunday Rate	0.151515	0.181818	0.333
	45%	55%	