Task 2: Technical Memorandum Parking Inventory and Utilization

Final Report

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Prepared to

Connecticut Department of Transportation

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EXECUTIVE SUMMARY

Background

As part of the Rail Governance Study, Connecticut DOT is interested in updating previous parking inventories in order to understand current parking utilization and availability, as well as to identify possible need for additional space to meet future demands. A comparison of costs between stations is also being made. This task, *Task 2: Parking Inventory and Utilization*, examines the parking supply, utilization of parking, and parking fees at the rail stations along the New Haven, New Canaan, Danbury, and Waterbury lines. When integrated with data collected from other study tasks, opportunities to manage and improve existing parking supply more effectively will be explored.

Methodology

A field study was conducted at each rail station during the midweek (Tuesday, Wednesday, and Thursday) during the fall of 2001 and the spring of 2002. The counts were taken only during weeks not containing a holiday. Parking counts were taken after 10 am and before 4pm, which was presumed to be the period of peak parking utilization. Parking spaces were counted and the occupancy recorded on three different days. The vehicle count reported throughout this report reflects the average calculated for the three days. Tables were developed for each station identifying types of parking (e.g. permit, meter, voucher, and daily) separated by specific parking lot designations.

The Milford and Darien stations were undergoing construction during this task. However, inventory and counts were taken to have complete representation of the rail line, although the counts may not be exact.

Parking fees and structure were collected by contacting station parking authorities by telephone and requesting the current information with the most recent calls being made in September, 2002. Internet searching was also used to collect cost information for each station. Parking waiting list information was also requested, and provided by those towns that kept these records.

Parking Capacity and Utilization System-wide

The New Haven Line and its three branches are served by 17,265 rail station parking spaces. The State of Connecticut owns 58.2% of these parking spaces. At the time of this inventory 14,006 spaces (81.1%) were in use. The majority of the parking (14,171 spaces) is located along the New Haven Line. Where many rail stations have more than one parking area for rail commuters, it was noted that heaviest use centered in proximity of the station. Parking at even a small distance from stations was not as well utilized. This observation indicates that rail commuters prefer parking to be readily accessible to the rail station. A summary of parking capacity and utilization at each station is provided in Tables 1 and 2.

Table 1: New Haven Line Parking Capacity and Utilization

	Permit		Daily		Handicapped		Other			TOTAL						
Station Name	Permit Capacity	Permit Utilization	Utilization Rate	Сар.	Util.	Util. Rate	Cap.	Util.	Util. Rate	Cap.	Util.	Util. Rate	# State- Owned	Total Capacity	Total Utilization	Utilization Rate
						N	EW HAV	EN LINI	Ξ.							
New Haven*	554	248	44.8%	1060	1064	100.4%	19	19	100.0%	20	20	100.0%	1153	1653	1351	81.7%
Milford	593	438	73.9%	75	71	94.7%	8	0	0.0%	0	0	N/A	444	676	509	75.3%
Stratford	222	133	59.9%	62	44	71.0%	10	8	80.0%	0	0	N/A	294	294	262	62.9%
Bridgeport	950	250	26.3%	503	503	100.0%	0	0	0.0%	0	0	N/A	950	1453	753	51.8%
Fairfield	861	863	100.2%	327	210	64.2%	28	27	96.4%	0	0	N/A	376	1216	1100	90.5%
Southport	146	91	62.3%	28	14	50.0%	3	0	0.0%	2	0	0.0%	99	179	105	58.7%
Green's Farms	409	329	80.4%	55	55	100.0%	2	2	100.0%	0	0	N/A	466	466	386	82.8%
Westport	1158	1042	90.0%	284	204	71.8%	12	12	100.0%	0	0	N/A	1126	1454	1258	86.5%
East Norwalk	229	195	85.2%	0	0	N/A	2	0	0.0%	0	0	N/A	147	231	195	84.4%
South Norwalk	694	694	100.0%	108	15	13.9%	14	14	100.0%	0	0	N/A	0	816	723	88.6%
Rowayton	302	283	93.7%	25	25	100.0%	3	2	66.7%	0	0	N/A	330	330	310	93.9%
Darien	543	466	85.8%	312	279	89.4%	5	5	100.0%	0	0	N/A	195	860	750	87.2%
Noroton Heights	431	414	96.1%	328	276	84.1%	3	1	33.3%	10	2	20.0%	772	772	693	89.8%
Stamford*	706	706	100.0%	320	320	100.0%	2	0	0.0%	0	0	N/A	1028	1028	1026	99.8%
Old Greenwich	506	470	92.9%	68	60	88.2%	4	2	50.0%	0	0	N/A	397	578	532	92.0%
Riverside	288	252	87.5%	32	24	75.0%	4	1	25.0%	0	0	N/A	307	324	277	85.5%
Cos Cob	510	417	81.8%	54	28	51.9%	3	1	33.3%	0	0	N/A	361	567	446	78.7%
Greenwich	792	651	82.2%	474	468	98.7%	8	1	12.5%	0	0	N/A	0	1274	1120	87.9%
N.H. Line Total	9894	7942	80.3%	4115	3660	88.9%	130	95	73.1%	32	22	68.8%	8445	14171	11796	83.2%

^{*}Utilization rate only refers to spaces in use during the time of the survey. Additional spaces available in the near future that were not in use during the time of the survey are not included in the capacities or in the utilization rates.

NOTE: Capacity at Milford and Darien stations was constrained due to ADA construction. Total counts exclude some private and municipal parking facilities.

Table 2: New Haven Line Branch Parking Capacity and Utilization

		Permit			Daily		Н	andicapp	ed		Othe	r		Т	OTAL	
Station Name	Permit Capacity	Permit Utilization	Utilization Rate	Сар.	Util.	Util. Rate	Сар.	Util.	Util. Rate	Cap.	Util.	Util. Rate	# State- Owned	Total Capacity	Total Utilization	Utilization Rate
	NEW CANAAN LINE															
New Canaan	682	531	77.9%	241	197	81.7%	6	6	100.0%	0	0	N/A	164	929	734	79.0%
Talmadge Hill	218	194	89.0%	91	80	87.9%	2	0	0.0%	0	0	N/A	18	311	274	88.1%
Springdale	146	129	88.4%	56	54	96.4%	6	0	0.0%	0	0	N/A	91	208	183	88.0%
Glenbrook	63	41	65.1%	90	90	100.0%	3	1	33.3%	0	0	N/A	23	156	132	84.6%
N.C. Line Total	1225	983	80.2%	528	466	88.3%	17	7	41.2%	0	0	N/A	296	1604	1323	82.5%
	DANBURY LINE															
Danbury	126	72	57.1%	12	10	83.3%	5	1	20.0%	4	2	50.0%	147	147	85	57.8%
Bethel	165	127	77.0%	26	16	61.5%	6	1	16.7%	0	0	N/A	197	197	144	73.1%
Redding	65	42	64.6%	13	10	76.9%	4	0	0.0%	0	0	N/A	82	82	52	63.4%
Branchville	0	0	N/A	166	152	91.6%	2	0	0.0%	0	0	N/A	168	168	152	90.5%
Cannondale	138	106	76.8%	0	0	N/A	2	0	0.0%	0	0	N/A	140	140	106	75.7%
Wilton	204	151	74.0%	0	0	N/A	8	3	37.5%	0	0	N/A	105	212	154	72.6%
Merritt 7	0	0	N/A	86	71	82.6%	2	1	50.0%	0	0	N/A	88	88	72	81.8%
Danbury Line Total	698	498	71.3%	303	259	85.5%	29	6	20.7%	4	2	50.0%	927	1034	765	74.0%
						W	ATERBU	RY LIN	E							
Waterbury	0	0	N/A	150	24	16.0%	6	0	0.0%	0	0	N/A	156	156	24	15.4%
Naugatuck	0	0	N/A	125	13	10.4%	0	0	0.0%	0	0	N/A	0	125	13	10.4%
Beacon Falls	0	0	N/A	25	6	24.0%	3	0	0.0%	0	0	N/A	28	28	6	21.4%
Seymour	0	0	N/A	21	16	76.2%	1	0	0.0%	0	0	N/A	80	22	16	72.7%
Ansonia	0	0	N/A	48	33	68.8%	2	1	50.0%	0	0	N/A	40	50	34	68.0%
Derby	0	0	N/A	70	29	41.4%	5	0	0.0%	0	0	N/A	75	75	29	38.7%
Waterbury Line Total	0	0	N/A	439	121	27.6%	17	1	5.9%	0	0	N/A	379	456	122	26.8%
TOTAL	11817	9423	79.7%	5385	4506	83.7%	193	109	56.5%	36	24	66.7%	10047	17265	14006	81.1%

Overall, the State of Connecticut owns 58.2% of the rail parking spaces. When looking at each individual line, the State owns the following percentages of rail parking spaces:

-New Haven Line: 59.6% -New Canaan Line: 18.5% -Danbury Line: 89.7% -Waterbury Line: 83.1%

Many spaces (especially along the branch lines) are used for multiple purposes and the exact number of spaces used only for rail commuter parking cannot be determined. Each station will be looked at individually in the next sections and modified counting methods due to mixed-use lots will be noted.

Parking Costs

Parking costs vary from town to town and several rate structures (semi-annual, annual, monthly, daily, and hourly) are used. Milford, Stratford, Fairfield and Southport have semi-annual fees ranging from \$115 in Southport to \$170 in Fairfield. Several towns have annual rates, which range from a high of \$650/year to a low of \$125/year. The average annual rate is \$250.

Nine towns offer monthly rates ranging from a high of \$84/month (Glenbrook and Springdale Stations) to a low \$25/month (East Norwalk Station). The average monthly rate is \$54.00 across all stations.

Daily rates, where they are used, range from a high of \$15.00 (Stamford Street Lot) to a low of \$2.00 (Redding Station). However, most daily rates (eight stations) are comparable at \$5.00. Rail Station parking is free on the Waterbury Line and at several Danbury Branch stations. Specific rate structures and associated costs are also shown in Table 3.

Many stations have a waiting list for permit parking. An individual may wait for parking from 2 months to 6 years depending on the station where an application is made. Estimated waiting list time periods are shown in Table 3.

Table 3: Rail Station Parking Costs

Station Name	Semi- Annual	Annual	Monthly	Daily	Hourly	# Permits Issued	Number on Waiting List	Estimated Time on Wait List
			New Haven Line					
New Haven Garage			\$65.00	\$8.00	\$1.00	500/month	559	2 years
New Haven Coliseum			\$37.10/\$58.30*	\$5.00		N/A	N/A	N/A
New Haven Temple St. Garage			\$65.00	\$5.00		N/A	N/A	N/A
Milford	\$150.00	\$250.00		\$5.00		380-400	520	3 years
Stratford	\$135.00			\$5.00		356	617	3 years
Bridgeport Surface Lot			No Charge				N/A	N/A
Bridgeport Harbor Yard Garage			\$30.00	\$6.00		633	N/A	N/A
Fairfield	\$170.00			\$6.00		2006	1,658	2.5 years
Southport	\$115.00			\$6.00		2000	1,175	2.5 years
Green's Farms		\$175.00		\$4.00		3300	1700	3-5 years
Westport		\$175.00		\$4.00		3300	1700	3-3 years
East Norwalk		\$240.00	\$25.00			338	N/A	N/A
South Norwalk		\$650.00	\$63.50	\$6.50** \$4.75**		980	85	2-6 months
Rowayton		\$275.00		\$4.00		375	31	1 year
Darien		\$235.00		\$2.25		320	972	5 years
Noroton Heights		\$235.00		\$2.25		770	1266	4 years
Stamford (street lot and garage)			\$65.00	\$6/\$8^	\$1.00	700	1700	3-4 years
Old Greenwich		\$200.00		\$5.00		1015	69	1-2 months
Riverside		\$200.00		\$5.00		525	60	1 year
Cos Cob		\$200.00		\$5.00		990	24	1-2 months
Greenwich Plaza		\$350.00		\$5.00		695	457	6 years
Greenwich (outside station)		\$200.00		\$5.00		955	682	3 years
			New Canaan Bran	c h				
New Canaan		\$324.00~		\$3.00^^		1060	610	3-6 years
Talmadge Hill		\$324.00~		\$3.00^^		1069	83	2-4 months
Springdale			\$42.00 residents; \$84.00 non- residents	\$3.00^^		200	182	2 years
Glenbrook			\$42.00 residents; \$84.00 non- residents	\$3.00^^		75	86	1 year
			Danbury Branch	!				
Danbury		\$150.00		\$5.00		N/A	N/A	N/A
Bethel		\$150.00			\$0.25	N/A	N/A	N/A
Redding		\$125.00		\$2.00		N/A	N/A	N/A
Branchville			No Charge	•	-	N/A	N/A	N/A
Cannondale			No Charge			N/A	N/A	N/A
Wilton			No Charge			N/A	N/A	N/A
Merritt 7			No Charge			N/A	N/A	N/A
			Waterbury Branc	h		1	ı	ı
			No Charge					

^{* \$37.10} with monthly rail pass, \$58.30 without pass ** \$6.50 weekday, \$4.75 weekend

^{^\$6.00} for up to 16 hours, \$8.00 for up to 24 hours

^{^^} up to 12 hours ~ New Canaan residents only

Stations

New Haven Line

New Haven

The New Haven rail station has 1,153 parking spaces of which 269 spaces are provided as surface parking adjacent to the parking structure. The parking structure contains 884 spaces including 54 permit parking spaces, 19 designated as handicap, and 20 short-term spaces limited to 2-hour occupancy. The permit parking is reserved for station building tenants. Both the surface lot and the garage experienced full occupancy. It was noted that the surface lot exceeded capacity due to cars parking illegally.

The New Haven Parking Authority (NHPA) reports a 559-person waiting list with an estimated wait time of 2 years to receive a permit. NHPA issues 500 permits per month (150 of which are used for people who work in the building). To supplement parking, NHPA had an agreement with the New Haven Coliseum during the time of the survey to provide parking for an additional 500 station patrons. A shuttle operated between the station and the Coliseum at no cost to riders. After January 1, 2003 (when the Coliseum Garage closed), an agreement was made with the Temple St. Garage to provide 600 commuter parking spaces. As with the Coliseum agreement, there is a shuttle that operates between the Temple St. Garage and the station.

Parking Area Ownership

At the New Haven Station the station garage and surface lot are both owned by the State of Connecticut. The Coliseum and Temple St. Garages are owned by the City of New Haven. The State owns 69.8% of the parking spaces at the New Haven Station (this calculation excludes the Temple St. Garage). Figure 4 displays the location and ownership status of the lots. The image is located at the end of the airplane scan line so the black line on the left side of the map cannot be removed.

Fee Structure

Parking costs are presented below:

Rate Schedule	New Haven Station Parking	Temple St. Garage	Coliseum Garage
Monthly Rate	\$65.00	\$65.00	\$37.10 with monthly rail pass \$58.30 without pass
Daily Rate (6:00 AM to 10:00 PM maximum)	\$8.00		\$5.00 for rail users
Hourly Rate	\$1.00		

Although the cost to park at the Coliseum is significantly lower than the station parking and a free shuttle ride is provided to and from the train station, usage at the Coliseum was only at 40%.

The utilization rate at the Temple St. Garage was unknown because the new agreement was not in effect during the study. Proximity parking, at almost capacity daily, appears to be more appealing than the remote location. Table 4 shows station capacity by lot, vehicle counts, and percent of utilization.

Table 4: New Haven Rail Station Parking Capacity and Utilization

Location	Capacity	Vehicle Count	Utilization	Ownership
Train Station Surface Lot				
Permit	0	0	N/A	
Daily	269	273	101.5%	state
Handicap	0	0	N/A	
Total Lot 1	269	273	101.5%	
Train Station Garage				
Permit	54	48	88.9%	
Daily	791	791	100.0%	state
2-Hour	20	20	100.0%	State
Handicap	19	19	100.0%	
Total Lot 2	884	878	99.3%	
Coliseum Garage*				
Permit	500	200	40.0%	
Daily	0	0	N/A	municipality
Handicap	0	0	N/A	
Total Lot 3	500	200	40.0%	
Temple St. Garage*				
Permit	600	N/A	N/A	
Daily	0	N/A	N/A	municipality
Handicap	0	N/A	N/A	
Total Lot 4	600	N/A	N/A	
Permit	554	248	44.8%	state
Daily	1060	1064	100.4%	1153
2-Hour	20	20	100.0%	municipality
Handicap	19	19	100.0%	600 present
TOTAL PARKING	1653	1351	81.7%	500 past

^{*}The Coliseum parking arrangement ended on January 1, 2003. The parking agreement between the State and the City at the Temple St. Garage began at that time. The total utilization rate only considers spaces available at the time of the survey (Coliseum, not Temple St.).

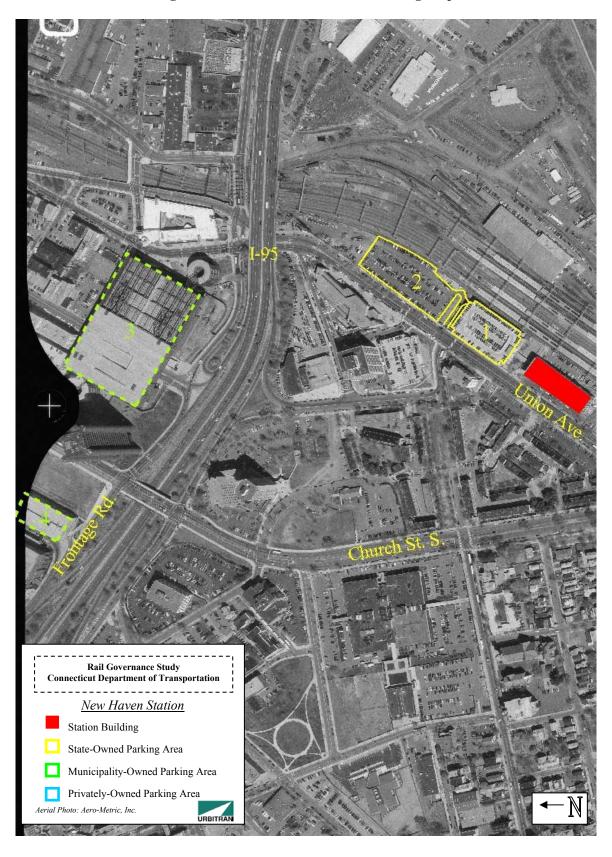


Figure 4: New Haven Rail Station Parking Map

Milford

Milford was undergoing construction at the station site during this inventory. Approximately 444 spaces are provided for rail commuters parking in four lots. Two parking areas are situated at the station on both sides of the tracks and it is estimated that 141 spaces are provided. The third 228-space lot is located across from the rail station. The fourth parking area contains 75 spaces and is located along the eastbound side of the tracks. Parking at the library is restricted to Milford residents and a town permit must be displayed.

The Milford Transit Company reports a 3-year waiting list for rail station parking with 520 people currently waiting. Milford Transit issues between 380 and 400 permits annually for use in the 361 state-owned permit spaces, an over-sale ratio between 5.3 and 10.8%.

Private parking is also available providing an additional 115 parking spaces in close proximity to the rail station and 100 spaces at a greater distance.

Parking Area Ownership

The State of Connecticut owns four parking lots situated next to the tracks. Three separate private entities (AGRO, B&W, Milford Library) own the other three lots available to rail customers. The State owns 65.7% of the rail station parking at the Milford Station. Figure 5 maps the location and ownership of the parking lots.

Fee Structure

Parking costs are presented below:

Rate Schedule	Milford Station Parking	Private Parking
Semi-Annual Rate	\$150	
Annual Rate	\$250	
Daily Rate		\$5.00

Proximity parking (Lots 1 and 4) exceeded 90% utilization. Lot 3, at 79% utilization, is across from the train station and requires a greater walking distance to the station.

Table 5 shows station capacity by lot, vehicle counts, and percent utilization.

Table 5: Milford Rail Station Parking Capacity and Utilization

Location	Capacity	Vehicle Count	Utilization	Ownership
Lot 1	1 0			
Permit	50	50	100.0%	
Daily	0	0	N/A	state
Handicap	4	0	0.0%	
Total Lot 1	54	50	92.6%	1
Lot 2*				
Permit	83	0	0.0%	
Daily	0	0	N/A	state
Handicap	4	0	0.0%	
Total Lot 2	87	0	0.0%	
Lot 3				
Permit	228	181	79.4%	
Daily	0	0	N/A	state
Handicap	0	0	N/A	
Total Lot 3	228	181	79.4%	
Lot 4**				
Permit	0	0	N/A	
Daily	75	71	94.7%	state
Handicap	0	0	N/A	
Total Lot 4	75	71	94.7%	
Lot 5				
Permit	52	43	82.7%	private -
Daily	0	0	N/A	AGRO
Handicap	0	0	N/A	Noko
Total Lot 5	52	43	82.7%	
Lot 6				
Permit	80	72	90.0%	private -
Daily	0	0	N/A	B&W
Handicap	0	0	N/A	
Total Lot 6	80	72	90.0%	
Milford Library Lot***				
Permit	100	92	92.0%]
Daily	0	0	N/A	private
Handicap	0	0	N/A	
Total Milford Library Lot	100	92	92.0%	
Permit	593	438	73.9%	state
Daily	75	71	94.7%	444
Handicap	8	0	0.0%	private
TOTAL PARKING	676	509	75.3%	232
Note: There was construction activity in Lo				ll

Note: There was construction activity in Lots 1, 2, and the back portion of Lot 3 along the tracks. Space inventory and vehicle counts are best estimates.

^{*}Due to construction activity, actual counts were not taken. Numbers used are 1997 CDOT Report tables.

^{**}The vehicle count includes 15 spaces that are parked in unstriped spaces along side a building

^{***}Parking behind the Milford Library is for residents only

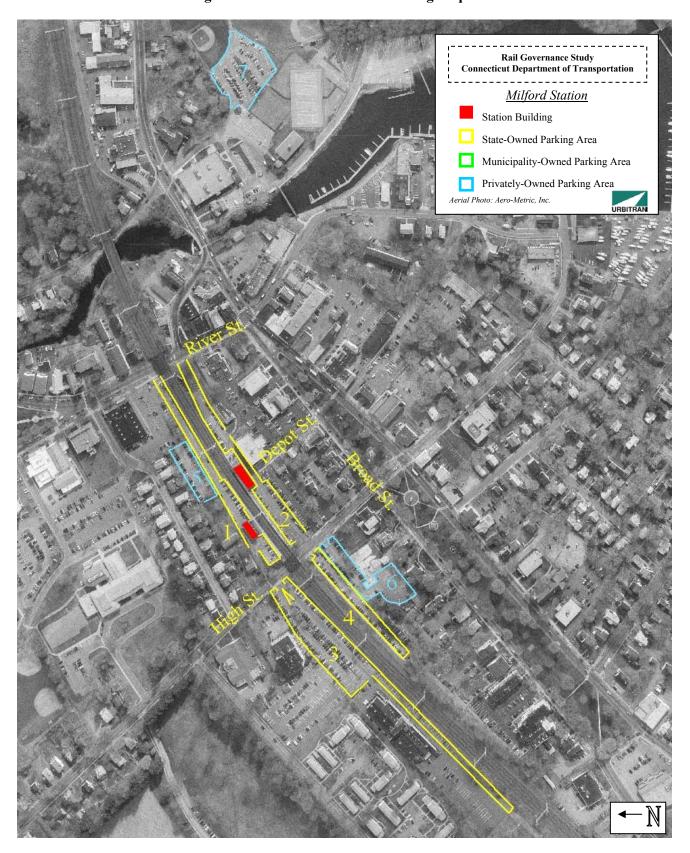


Figure 5: Milford Rail Station Parking Map

Stratford

Three lots at the Stratford Train Station offer 294 parking spaces. The majority of spaces (222) are for permit parking. Designated daily and handicap parking provide 62 and 10 spaces, respectively.

Lot 1 has 115 parking spaces, of which 96 are designated for permit, 14 for daily, and 5 for handicap. Lot 2 is exclusively used for permit (126 spaces) and handicap parking (5 spaces). Lot 3 is exclusively daily parking (48 spaces).

Based on vehicle counts taken in late October and early November of 2002, average utilization for the Stratford Rail Station was calculated to be 89.1%. Lot 1 experienced 96.5% utilization and Lot 3 showed 91.7% utilization. Lot 2 did not perform as well with 81.7% utilization. An average of 102 rail commuters per day used street parking near the station for free.

Parking Area Ownership

All three Stratford Rail Station parking areas are owned by the State of Connecticut. Figure 6 shows the location and ownership status of the parking areas as well as the popular streets used for free street parking.

Fee Structure

Parking costs are semiannual at \$135.00 or daily for a fee of \$5.00. Those people who park in the daily spaces pay at an automated parking kiosk and are issued a receipt that is placed on the windshield. The Town of Stratford has a waiting list of 617 people waiting for rail station parking permits. It is estimated that the wait for an available space is 3 years.

For the 222 permit parking spaces in Stratford, 356 permits are issued annually, yielding an oversale ratio of 60.4%.

The parking capacity and utilization is presented in detail in Table 6.

Table 6: Stratford Rail Station Parking Capacity and Utilization

Location	Capacity	Vehicle Count	Utilization	Ownership
Lot 1				
Permit	96	94	97.9%	
Daily	14	14	100.0%	state
Handicap	5	3	60.0%	
Total Lot 1	115	111	96.5%	
Lot 2				
Permit	126	104	82.5%	
Daily	0	0	N/A	state
Handicap	5	3	60.0%	
Total Lot 2	131	107	81.7%	
Lot 3				
Permit	0	0	N/A	
Daily	48	44	91.7%	state
Handicap	0	0	N/A	
Total Lot 3	48	44	91.7%	
Permit	222	198	89.2%	state
Daily	62	58	93.5%	294
Handicap	10	6	60.0%	
TOTAL PARKING	294	262	89.1%	

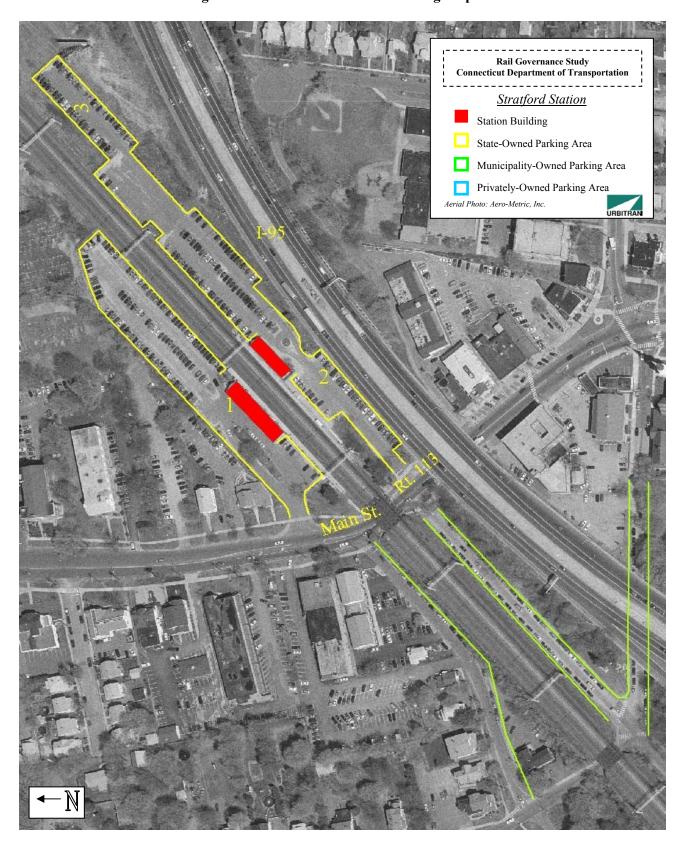


Figure 6: Stratford Rail Station Parking Map

Bridgeport

Bridgeport has two parking areas for rail station patrons: a surface lot containing 503 spaces and a parking structure with 950 parking spaces.

Parking Area Ownership

The surface lot at the Bridgeport Station is owned by the City of Bridgeport. The Harbor Yard Garage is owned by the State of Connecticut. The State owns 65.4% of the rail station commuter parking in Bridgeport. Figure 7 displays the location and ownership of the parking areas.

Fee Structure

The surface lot on Water Street is free and space is available on a "first come, first serve" basis. The parking garage, Harbor Yard Garage, costs \$30 per month for rail commuters who must show a Metro-North monthly, weekly or 10-ride rail ticket.

The surface lot was at capacity with 100% utilization. However, despite the low cost to park and the surplus of parking available in the garage, demand for paid parking was not extreme. It can be seen from the chart below, that the garage utilization was slightly more than 25%. Thus, there is no need for a waiting list for parking in Bridgeport. It was also noted that no designated handicap spots were found at the surface lot or garage. Bridgeport reports that they issue 633 permits annually.

The parking capacity and utilization is presented in detail in Table 7.

Table 7: Bridgeport Rail Station Parking Capacity and Utilization

Location	Capacity	Vehicle Count	Utilization	Ownership
Surface Lot (N. Water St.)				
Permit	0	0	N/A	
Daily	503	503	100.0%	municipality
Handicap	0	0	N/A	
Total Lot 1	503	503	100.0%	
Harbor Yard Garage				
Permit	950	250	26.3%	
Daily	0	0	N/A	state
Handicap	0	0	N/A	
Total Lot 2	950	250	26.3%	
Permit	950	250	26.3%	state
Daily	503	503	100.0%	950
Handicap	0	0	N/A	municipality
TOTAL PARKING	1453	753	51.8%	503

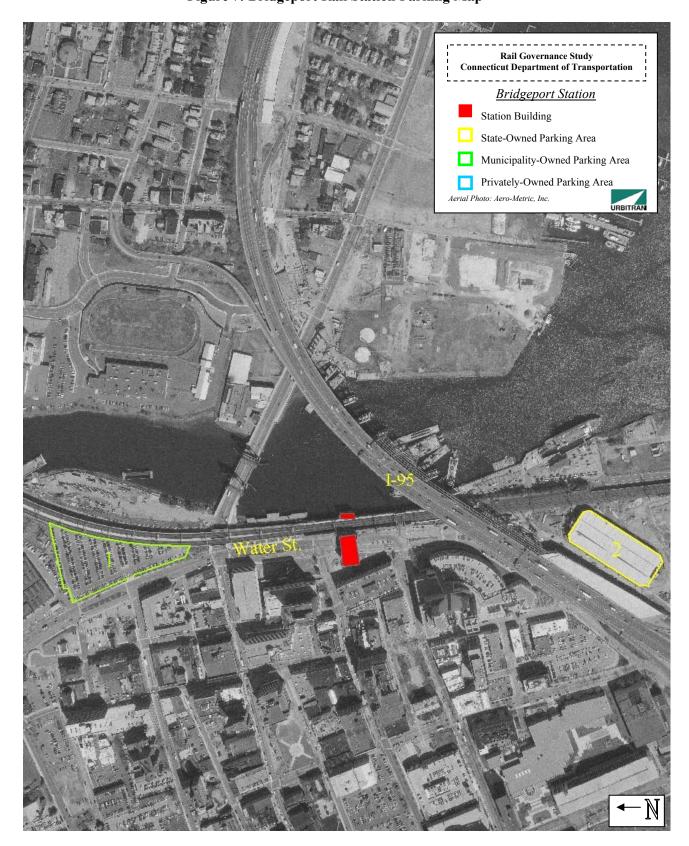


Figure 7: Bridgeport Rail Station Parking Map

Fairfield

Fairfield Station has 1,216 parking spaces of which 861 require a permit, 327 are available for daily parking, and 28 are designated for handicap permits only.

Lot 1 has 895 parking spaces with 761 designated for permit, 108 for daily, and 55 for handicap. Lot 2 has 132 spaces with 100 permit spaces, 30 daily, and 2 handicap spaces. Lot 3 provides 139 parking spaces and accommodates both permit and daily parking with no designated areas. Minimal free daily parking (50) is available behind Roger Ludlow School. The shuttle that once operated from the Roger Ludlow parking lot has been discontinued due to the lot closure and reallocated limited parking.

Lot 1 operates at capacity. On the days the vehicle counts were conducted, Lot 1 exceeded capacity in the permit areas due to vehicles parking in undesignated area. Lot 2 was almost at capacity (98.5%). The Fairprene Lot (Lot 3) located across from the rail station on Mill Plain Road was not highly utilized (30%). Lot 4 behind Roger Ludlow School showed a 60% occupancy that may be misleading. Continuing Education individuals may be using the parking area. This location is the farthest from the station compared to Lots 1,2 and 3. The parking capacity and utilization is presented in detail in Table 8.

Parking Area Ownership

Lots 1 and 2 are owned by the State of Connecticut and Lots 3 and 4 are owned by the City of Fairfield. The State owns 30.9% of the parking at the Fairfield Station. It must be noted that the State of Connecticut owns 289 spaces on the westbound side of the Fairfield Station and 250 spaces on the eastbound side. However, many of the spaces on the eastbound side of the station are used for multiple purposes and, as such, are not included in this rail station commuter-parking inventory. Figure 8 outlines the location and ownership of the parking lots.

Fee Structure

Cost to park at the Fairfield Station includes a semi-annual fee of \$170 and a daily fee of \$6.00. A parking fee collection envelope is placed on the windshield of daily-parked cars. The Fairfield Parking Authority oversells permits by approximately 100%, but a waiting list of 1,658 people still exists. The wait is estimated to be 2 ½ years for an available space.

Table 8: Fairfield Rail Station Parking Capacity and Utilization

Location	Capacity	Vehicle Count	Utilization	Ownership
Lot 1 (N. Bound NY)*				
Permit	761	765	100.5%	state (289) /
Daily	108	108	100.0%	municipality
Handicap	26	25	96.2%	(606)
Total Lot 1	895	898	100.3%	
Lot 2 (New Haven bound)**				
Permit	100	98	98.0%	state (87) /
Daily	30	30	100.0%	municipality
Handicap	2	2	100.0%	(45)
Total Lot 2	132	130	98.5%	
Lot 3 (Fairprene)***				
Permit	0	0	N/A	
Daily	139	42	30.2%	municipality
Handicap	0	0	N/A	
Total Lot 3	139	42	30.2%	
Lot 4 (Roger Ludlow)****				
Permit	0	0	N/A	
Daily	50	30	60.0%	municipality
Handicap	0	0	N/A	
Total Lot 4	50	30	60.0%	
Permit	861	863	100.2%	state
Daily	327	210	64.2%	376
Handicap	28	27	96.4%	municipality
TOTAL PARKING	1216	1100	90.5%	840

^{*}Spaces in use exceed capacity for permit parking due to 4 cars parked illegally

^{**}Lot 2 has 8 spaces dedicated for taxis

^{***}Lot 3 accommodates both permit and daily parking with no designated areas

^{****}Parking is free at the Roger Ludlow location behind the school; Continuing Education individuals may also be using the parking area

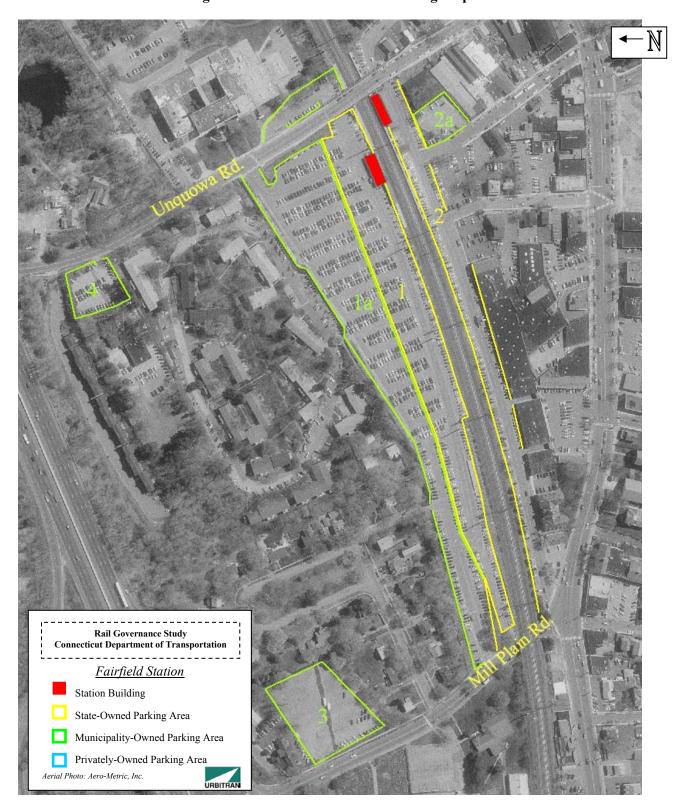


Figure 8: Fairfield Rail Station Parking Map

Southport

The Southport Rail Station falls under the purview of the Fairfield Parking Authority. There are 179 parking spaces spread over three lots. Designated permit parking is available in 146 spaces, 28 spaces are available for daily commuters, and 3 spaces are designated as handicap. In Lot 1, there are two 2-hour spaces. Parking was at capacity in Lot 2. The parking capacity and utilization are presented in detail in Table 9.

Parking Area Ownership

Lots 1 and 2 are owned by the State of Connecticut. Lot 3 is a private lot owned by the Trinity Church and leased for commuter use by the City of Fairfield. The State owns 55.3% of the commuter parking at the Southport Station. Figure 9 maps the location and ownership of the parking areas.

Fee Structure

Cost to park at the Southport Station includes a semi-annual fee of \$115 and a daily fee of \$6.00. The Fairfield Parking Authority oversells permits by approximately 100% but a waiting list of 1,175 people still exists. The wait is estimated to be 2 ½ years for an available space. Parking at the leased location (Trinity Church) was underutilized at 17.5% of capacity. It is noted that Lots 1 and 2 are on either side of the rail tracks with access to the rail platform.

Table 9: Southport Rail Station Parking Capacity and Utilization

Location	Capacity	Vehicle Count	Utilization	Ownership
Lot 1 (North Side)				
Permit	44	40	90.9%	
Daily	7	7	100.0%	state
2-Hour	2	0	0.0%	State
Handicap	2	0	0.0%	
Total Lot 1	55	47	85.5%	
Lot 2 (South Side)*				
Permit	38	39	102.6%	
Daily	5	5	100.0%	state
2-Hour	0	0	N/A	State
Handicap	1	0	0.0%	
Total Lot 2	44	44	100.0%	
Lot 3 (Trinity Church)				
Permit	64	12	18.8%	
Daily	16	2	12.5%	mmirroto
2-Hour	0	0	N/A	private
Handicap	0	0	N/A	
Total Lot 3	80	14	17.5%	
Permit	146	91	62.3%	state
Daily	28	14	50.0%	99
2-Hour	2	0	0.0%	
Handicap	3	0	0.0%	private
TOTAL PARKING	179	105	58.7%	80

^{*}Spaces in use exceed capacity for permit parking due to 1 car parked illegally.

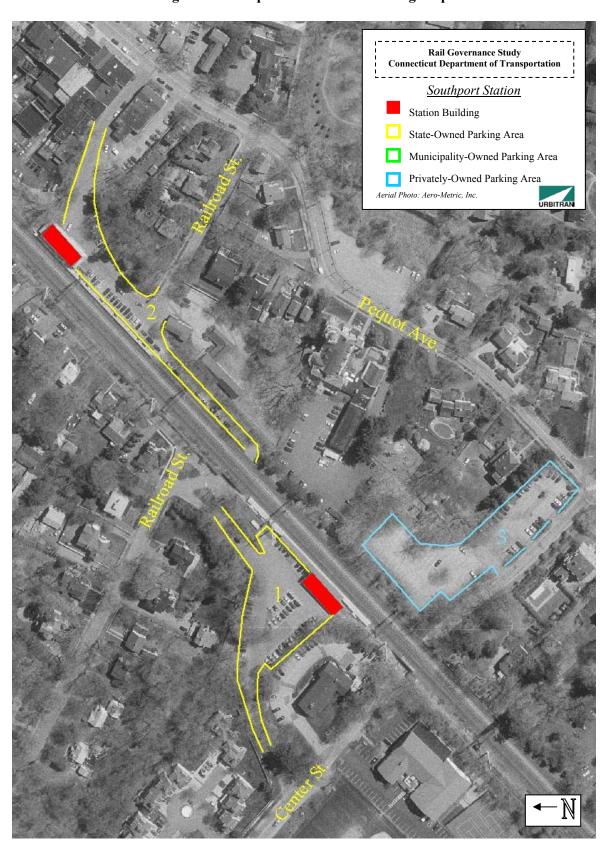


Figure 9: Southport Rail Station Parking Map

Green's Farms

Green's Farms Station has 466 parking spaces available for rail commuters. Four hundred and nine of them are for permit holders only, 55 are for daily parking, and 2 spaces are designated as handicap. Lots 2 and 3, having 127 and 59 spaces respectively, are at capacity. Lot 1, a new lot, provides 280 additional spaces of which 225 are permit and 55 are daily. The daily spaces are fully utilized but permit parking showed only 64% utilization. The parking capacity and utilization are presented in detail in Table 10.

Parking Area Ownership

All of the lots at the Green's Farm Station are owned by the State of Connecticut. Figure 10 displays the location and ownership of the parking lots.

Fee Structure

Cost to park at the Green's Farms Station includes an annual fee of \$175 and a daily fee of \$4.00. Permits are good at both the Green's Farms and the Westport Stations. There are 1,700 people on the combined Green's Farms/Westport waiting list. Estimated wait time for a space is 3 to 5 years. This waitlist exists despite the fact that the Green's Farms/Westport permits are oversold at a rate of more than 100%.

Table 10: Green's Farms Rail Station Parking Capacity and Utilization

Location	Capacity	Vehicle Count	Utilization	Ownership	
Lot 1 (New)					
Permit	225	144	64.0%		
Daily	55	55	100.0%	state	
Handicap	0	0	N/A		
Total Lot 1	280	199	71.1%		
Lot 2 (North Side)					
Permit	126	126	100.0%		
Daily	0	0	N/A	state	
Handicap	1	1	100.0%		
Total Lot 2	127	127	100.0%		
Lot 3 (South Side)*	Lot 3 (South Side)*				
Permit	58	59	101.7%		
Daily	0	0	N/A	state	
Handicap	1	1	100.0%		
Total Lot 3	59	60	101.7%		
Permit	409	329	80.4%	state	
Daily	55	55	100.0%	466	
Handicap	2	2	100.0%		
TOTAL PARKING	466	386	82.8%		

^{*}Spaces in use exceed capacity for permit parking due to 1 car parked illegally.

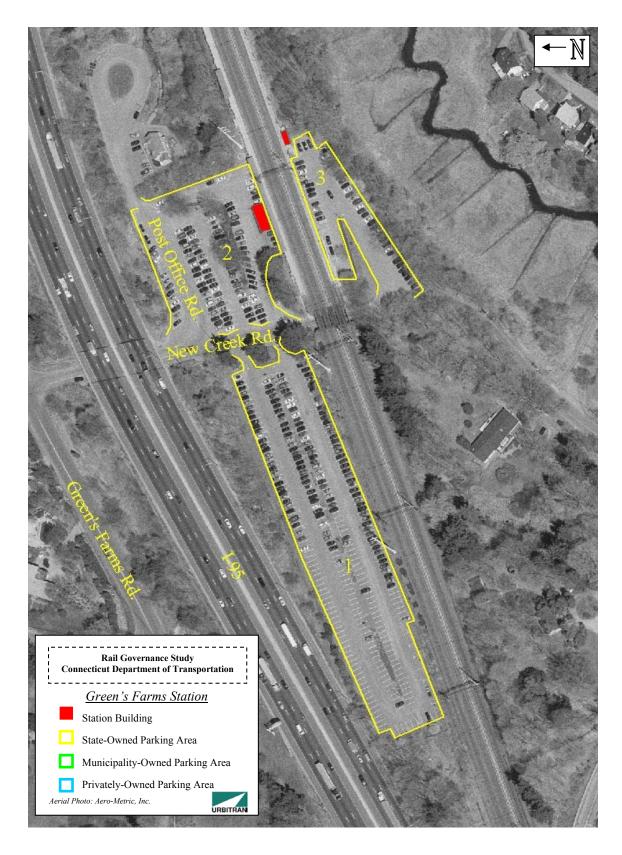


Figure 10: Green's Farms Rail Station Parking Map

Westport

Westport Station has 1,454 parking spaces distributed over eight station lots and a Park & Ride Lot on Imperial Avenue. Shuttle service is available for commuters who park at the Park & Ride Lot for a one-way fare of \$1.00.

Of the 1,454 parking spaces, 1,158 are permit spaces, 284 are for daily parking, and 12 spaces are designated as handicap. Lots 2, 3, and 5 were at capacity the day vehicle counts were taken. Lot 1 was near capacity at 97.6% utilization and all daily spaces were filled. Lots 4, 8, and the Imperial Park & Ride Lot were the least utilized. Lot 4 had 71.6% occupancy, Lot 8 had 47.1% occupancy and the Park and Ride Lot was only 20% occupied. Lots 4 and 8 are located across from the rail station on Saugatuck Avenue. The Imperial Avenue Park & Ride Lot is a longer distance away and requires a long walk or short shuttle ride to the station. In all, designated rail station parking was more than 85% used looking at all locations. The parking capacity and utilization are presented in detail in Table 11.

Parking Area Ownership

Lot 1 is owned by the City of Westport while all other lots are owned by the State of Connecticut. The State owns 77.4% of the commuter parking at the Westport Station. Parking lot location and ownership status is outlined in Figure 11.

Fee Structure

Cost to park at the Westport Station includes an annual fee of \$175 and a daily fee of \$4.00. Permits are good at both the Green's Farms and the Westport Stations. There are 1,700 people on the combined Green's Farms/Westport waiting list. Estimated wait time for a space is 3 to 5 years. This waitlist exists despite the fact that the Green's Farms/Westport Stations sell 3,300 permits annually, an over-sale rate of more than 100%.

A parking fee collection envelope is placed on the windshields of daily-parked cars. Parking is free at the Imperial Lot.

Table 11: Westport Rail Station Parking Capacity and Utilization

Location	Capacity	Vehicle Count	Utilization	Ownership	
Lot 1				1	
Permit	312	304	97.4%		
Daily	16	16	100.0%	municipality	
Handicap	0	0	N/A		
Total Lot 1	328	320	97.6%		
Lot 2*	154	1.5.4	100.00/		
Permit	154	154	100.0%		
Daily	16	16	100.0%	state	
Handicap Tatal Lat 2	2	2	100.0%	-	
Total Lot 2 Lot 3**	172	172	100.0%		
Permit Lot 3""	425	425	100.0%	-	
Daily	82	82	100.0%	state	
Handicap	10	10	100.0%	State	
Total Lot 3	517	517	100.0%		
Lot 4	317	317	100.0 /0		
Permit	59	29	49.2%		
Daily	50	49	98.0%	state	
Handicap	0	0	N/A	State	
Total Lot 4	109	78	71.6%		
Lot 5			1 270 70		
Permit	63	63	100.0%		
Daily	0	0	N/A	state	
Handicap	0	0	N/A		
Total Lot 5	63	63	100.0%		
Lot 7					
Permit	29	24	82.8%		
Daily	0	0	N/A	state	
Handicap	0	0	N/A		
Total Lot 7	29	24	82.8%		
Lot 8***					
Permit	116	43	37.1%		
Daily	20	21	105.0%	state	
Handicap	0	0	N/A		
Total Lot 8	136	64	47.1%		
Park & Ride	-			-	
Permit	0	0	N/A	state	
Daily	100	20	20.0%		
Handicap	0	0	N/A		
Total Park & Ride	100	20	20.0%		
Permit	1158	1042	90.0%	state	
Daily	284	204	71.8%	1126	
Handicap	12	12	100.0%	municipality	
TOTAL PARKING	1454	1258	86.5%	328	

^{*&#}x27; Daily' represents space parking after 9:15 AM.

^{**}Lot 3 also contains an additional 40 spaces designated for Avis and taxis.

^{***}Town inventory shows 2 spaces designated for handicap but there was no signage indicating 'Handicap Only.' Spaces in use exceed capacity for daily parking due to 1 car parked illegally.

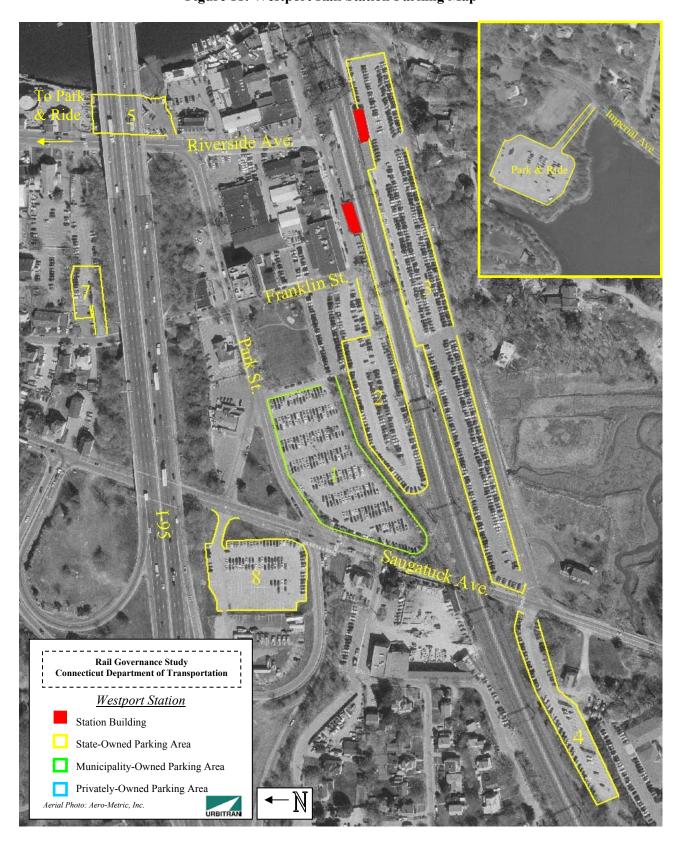


Figure 11: Westport Rail Station Parking Map

East Norwalk

East Norwalk has 231 rail station parking spaces; all are permit spaces except for two designated handicap spaces. Only 49 spaces are available at the station proper and were at capacity during the survey. There were two cars parked illegally on the day of the inventory. Additional parking is available across the street from the station with direct access to the station platform and covered waiting shelters are provided. The parking provided at St. Thomas Church was the least used, at 70% utilization. The Church is the farthest parking location for East Norwalk Station users and requires a short walk. Parking capacity and utilization are presented in Table 12.

Parking Area Ownership

Parking lots 1 and 2 are owned by the State of Connecticut. Lot 3 is privately owned. The State owns 63.6% of the parking at the East Norwalk Station. Figure 12 maps the location and ownership status of the parking lots.

Fee Structure

Annual parking costs \$240 and monthly parking costs \$25 at the East Norwalk Rail Station. There is no permit waiting list at the East Norwalk Station. East Norwalk sells 338 permits annually for their 229 permit spaces, an over-sale ratio of 47.6%.

Table 12: East Norwalk Rail Station Parking Capacity and Utilization

Location	Capacity	Vehicle Count	Utilization	Ownership	
Station Parking					
Permit	47	51	108.5%		
Daily	0	0	N/A	state	
Handicap	2	0	0.0%		
Total Lot 1	49	51	104.1%		
Outlet Parking					
Permit	98	85	86.7%		
Daily	0	0	N/A	state	
Handicap	0	0	N/A		
Total Lot 2	98	85	86.7%		
St. Thomas Church	St. Thomas Church				
Permit	84	59	70.2%		
Daily	0	0	N/A	private	
Handicap	0	0	N/A		
Total Lot 3	84	59	70.2%		
Permit	229	195	85.2%	state	
Daily	0	0	N/A	147	
Handicap	2	0	0.0%	private	
TOTAL PARKING	231	195	84.4%	84	

^{*}Spaces in use exceed capacity for permit parking due to 2 cars parked illegally.



Figure 12: East Norwalk Rail Station Parking Map



South Norwalk

South Norwalk rail station parking is provided in a structure/garage and in a surface parking lot. Parking is available for permit (annual or monthly), daily, and handicap commuters in the garage, although daily spaces are not marked in the garage. Only daily parking is available in the surface lot. Permit parking accounts for 694 spaces in the garage. Fourteen spaces are designated for handicap parking in the garage. The surface lot provides 108 daily parking spaces.

Permit and handicap parking were at capacity. Parking capacity and utilization details are shown in Table 13.

Parking Area Ownership

The garage and surface lot at the South Norwalk Rail Station are both owned by the City of Norwalk. Thus, the State of Connecticut owns 0.0% of the parking at the South Norwalk Station. Figure 13 maps the location and ownership status of the parking areas.

Fee Structure

Parking fees for the South Norwalk Station include an annual permit fee of \$650.00, a \$63.60 monthly fee, a \$6.50 daily fee on weekdays, and a \$4.75 daily fee on weekends. The South Norwalk Station sells 370 annual permits and 610 monthly permits every year, an over-sale ratio of 41.2%. The waiting list for a permit is 85 people long, and the wait time is estimated to be 2-6 months. South Norwalk also sells 100-110 debit cards annually.

Table 13: South Norwalk Rail Station Parking Capacity and Utilization

Location	Capacity	Vehicle Count	Utilization	Ownership
Garage				
Permit	694	694	100.0%	
Daily	0	0	N/A	municipality
Handicap	14	14	100.0%	
Total Lot 1	708	708	100.0%	
Street Lot				
Permit	0	0	N/A	
Daily	108	15	13.9%	municipality
Handicap	0	0	N/A	
Total Lot 2	108	15	13.9%	
Permit	694	694	100.0%	municipality
Daily	108	15	13.9%	816
Handicap	14	14	100.0%	state
TOTAL PARKING	816	723	88.6%	0

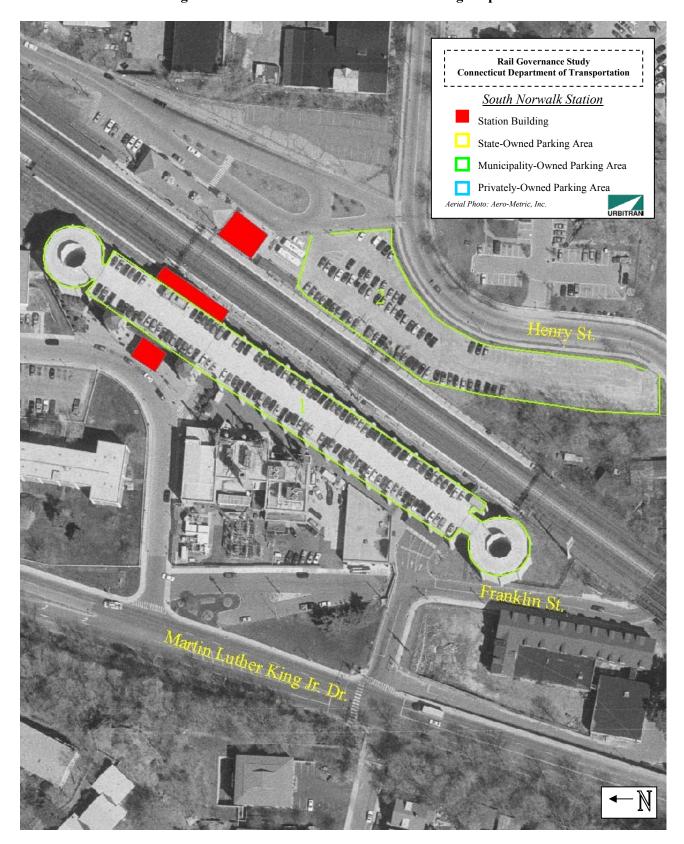


Figure 13: South Norwalk Rail Station Parking Map

Rowayton

The Rowayton Rail Station has two parking areas (one on each the north and the south sides of the rail tracks) for rail station patrons. The two surface lots together provide 330 spaces. The majority (302) of the spaces require a permit. Remaining spaces include 25 daily and 3 handicap-designated spaces. Both lots were more than 90% used. Parking capacity and utilization details are shown in Table 14.

Parking Area Ownership

The Rowayton Rail Station parking lots are owned by the State of Connecticut. Figure 14 displays the parking area locations and ownership.

Fee Structure

The City of Norwalk issues parking permits for use at the Rowayton Station. The annual permit fee is \$275.00 and is issued on a "first come first serve" basis. Permits are renewed annually. A Station Guard sells daily parking permits (\$4.00) and will sell more than 25 if spaces are available. Rowayton oversells its permits by 24.2%. Still, Rowayton has 31 people on their waiting list for a parking permit and the estimated wait time is 1 year.

Table 14: Rowayton Rail Station Parking Capacity and Utilization

Location	Capacity	Vehicle Count	Utilization	Ownership
North Side				
Permit	191	180	94.2%	
Daily	25	25	100.0%	state
Handicap	2	1	50.0%	
Total Lot 1	218	206	94.5%	
South Side				
Permit	111	103	92.8%	
Daily	0	0	N/A	state
Handicap	1	1	100.0%	
Total Lot 2	112	104	92.9%	
Permit	302	283	93.7%	state
Daily	25	25	100.0%	330
Handicap	3	2	66.7%	
TOTAL PARKING	330	310	93.9%	

Note: Daily commuters can park in any space; guards do sell more than 25 daily vouchers if space is available.

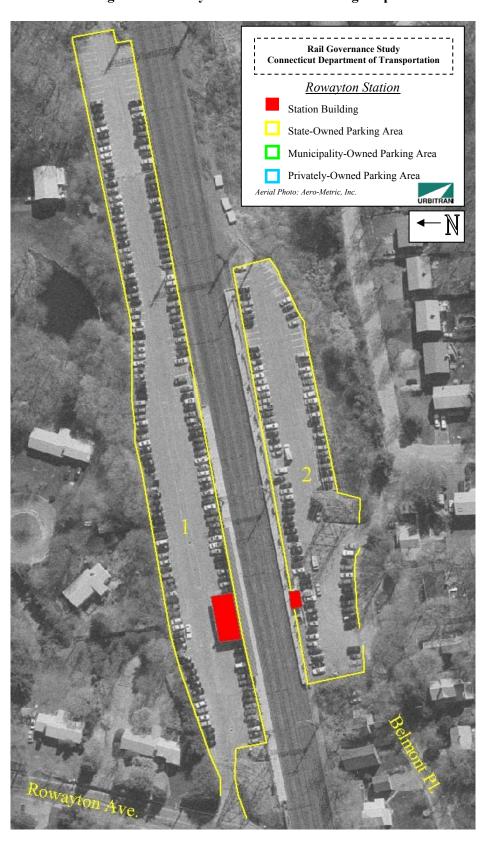


Figure 14: Rowayton Rail Station Parking Map

Darien

Darien Rail Station was undergoing construction to meet ADA compliance requirements during this inventory. This report provides a profile of the station during the transition period.

Darien has multiple locations for rail commuter parking. A total of 860 parking spaces are available, of which 322 are in the private Koons' Lot (Lot 2) on West Avenue. Lot 2 is for permit parking only and had a utilization rate of 89%.

Lots 1, 3 and 4 are all daily parking (a total of 150 spaces including 5 handicap spaces) and were at capacity. Lots 5 and 6 provide both permit and daily parking. Lot 5 has 119 spaces, of which 97 are permit and 22 are daily. Utilization was 73% of capacity in Lot 5. Lot 6 has 224 spaces with 124 permit spaces and 100 daily spaces. Utilization in Lot 6 was almost 87% of capacity. There are no handicap spaces in either lot. Lot 7 (45 spaces) serves only daily commuters. Lot 7 was at 70% occupancy. Table 15 shows the parking capacity and utilization in detail.

Parking Area Ownership

Lots 1, 3, 4 and 7 are owned by the State of Connecticut. Lots 5 and 6 are municipal lots owned by the City of Darien. Lot 2 is a privately owned lot. The State owns 22.7% of the commuter parking in Darien. Parking lot location and ownership are displayed in Figure 15.

Fee Structure

Parking fees for the Darien Station include an annual permit fee of \$235 and a \$2.25 daily fee. Commuters may purchase daily permits in a book of 10 vouchers. There is a five-year waiting list with 972 people waiting for permit parking. For the 221 permit spaces available in Darien (excluding the permits sold for the Koon's Lot), Darien issues 320 permits annually, an over-sale ratio of 44.8%.

Table 15: Darien Rail Station Parking Capacity and Utilization

Location	Capacity	Vehicle Count	Utilization	Ownership
Lot 1 (North Side of Station)				
Permit	0	0	N/A	
Daily	38	38	100.0%	state
Handicap	4	4	100.0%	1
Total Lot 1	42	42	100.0%	
Lot 2 (Koon's Lot on West Ave.)				
Permit	322	287	89.1%	
Daily	0	0	N/A	private
Handicap	0	0	N/A	
Total Lot 2	322	287	89.1%	
Lot 3 (Leroy Ave./East)				
Permit	0	0	N/A	
Daily	40	40	100.0%	state
Handicap	0	0	N/A	
Total Lot 3	40	40	100.0%	
Lot 4 (South Side of Station)				
Permit	0	0	N/A	
Daily	67	67	100.0%	state
Handicap	1	1	100.0%	
Total Lot 4	68	68	100.0%	
Lot 5 (Squab Lane)				
Permit	97	65	67.0%	1
Daily	22	22	100.0%	municipality
Handicap	0	0	N/A	
Total Lot 5	119	87	73.1%	
Lot 6 (Leroy Ave./West)				
Permit	124	114	91.9%	
Daily	100	80	80.0%	municipality
Handicap	0	0	N/A	
Total Lot 6	224	194	86.6%	
Lot 7 (Tokeneke)				
Permit	0	0	N/A	
Daily	45	32	71.1%	state
Handicap	0	0	N/A	
Total Lot 7	45	32	71.1%	
Permit	543	466	85.8%	state
Daily	312	279	89.4%	195
Handicap	5 860	750	100.0% 87.2%	private
TOTAL PARKING	322			
Note: Capacity and utilization counts	on ADA	municipality		
construction	343			

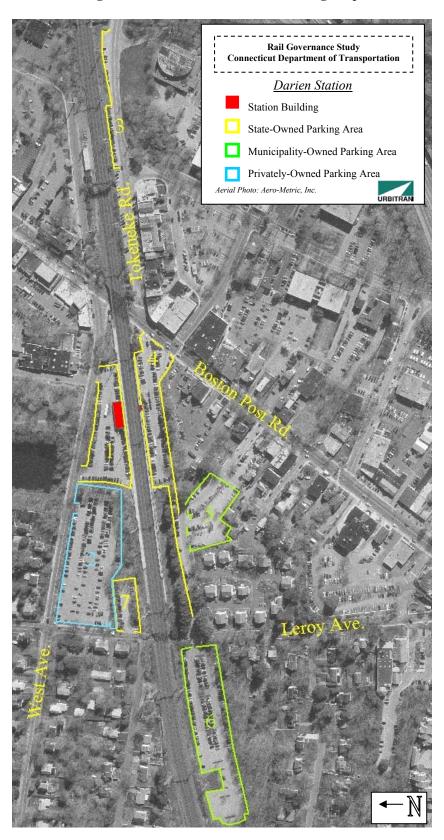


Figure 15: Darien Rail Station Parking Map

Noroton

Three parking lots serve rail commuters in Noroton providing 772 parking spaces. Lots 1 (220 spaces) and 3 (108) provide daily parking for 328 commuters. Lot 1 has 11 additional daily spaces with one space designated as handicap and 10 spaces for 15-minute parking. Lot 2 is used solely for permit parking with 433 spaces.

Lots 1 and 2 were near capacity exceeding 95% occupancy. Lot 3, further from the rail station, was slightly more than half (55%) full.

Table 16 shows the parking capacity and utilization in detail.

Parking Area Ownership

All three Noroton parking lots are owned by the State of Connecticut. Figure 16 maps the parking lot locations and ownership status.

Fee Structure

The Town of Darien has responsibility for assigning parking permits for the Noroton Station. Parking fees for Noroton are the same as for Darien and include an annual permit fee of \$235 and a \$2.25 daily fee. Commuters may purchase daily permits in a book of 10 vouchers. The Noroton Station oversells permits by 78.7% but a waiting list of 1,266 people and 4 years still exists.

Table 16: Noroton Rail Station Parking Capacity and Utilization

Location	Capacity	Vehicle Count	Utilization	Ownership
Lot 1				
Permit	0	0	N/A	state
Daily	220	216	98.2%	
15-Minute	10	2	20.0%	State
Handicap	1	1	100.0%	
Total Lot 1	231	219	94.8%	
Lot 2				
Permit	431	414	96.1%	
Daily	0	0	N/A	state
15-Minute	0	0	N/A	State
Handicap	2	0	0.0%	
Total Lot 2	433	414	95.6%	
Lot 3				
Permit	0	0	N/A	
Daily	108	60	55.6%	state
15-Minute	0	0	N/A	State
Handicap	0	0	N/A	
Total Lot 3	108	60	55.6%	
Permit	431	414	96.1%	state
Daily	328	276	84.1%	772
15-Minute	10	2	20.0%	
Handicap	3	1	33.3%	
TOTAL PARKING	772	693	89.8%	

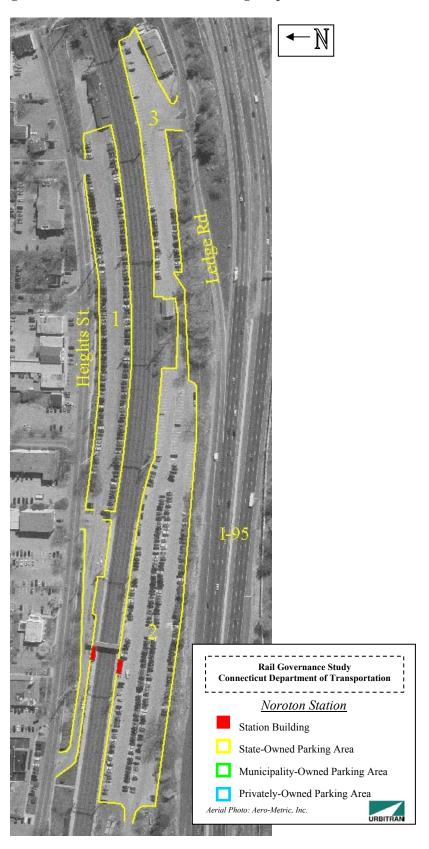


Figure 16: Noroton Rail Station Parking Map

Stamford

Stamford has two parking areas for rail station patrons: a parking structure with 920 parking spaces and a surface lot containing 108 spaces.

The surface lot is for permit parking only with the exception of 2 designated handicap spaces. The lot was at capacity with 100% utilization.

The parking garage accommodates 920 patrons with 600 spaces used by permit commuters and 320 who park daily. The garage was at capacity. An addition to the garage is currently under construction and is expected to be completed by the end of November 2002. The garage construction will provide an additional 1,180 permit parking spaces.

Parking Area Ownership

Both the Stamford Rail Station garage and street lot are owned by the State of Connecticut. Figure 17 maps the location and ownership of the lots as well as the outline of the garage addition.

Fee Structure

ProPark operates the garage under agreement with Connecticut DOT. The daily parking rate is \$6.00 for up to 16 hours and \$8.00 for up to 24 hours. A monthly garage permit costs \$65. Street Lot parking costs \$75/month. There is a waiting list for both the garage and surface lot parking of 1,700 people with an expected wait time of 3 to 4 years for a permit. The Stamford Station does not oversell its permits.

The parking capacity and utilization are shown in detail in Table 17.

Table 17: Stamford Rail Station Parking Capacity and Utilization

Location	Capacity	Vehicle Count	Utilization	Ownership
Garage				
Permit	600	600	100.0%]
Daily	320	320	100.0%	state
Handicap	0	0	N/A	
Total Lot 1	920	920	100.0%	
Garage Addition				
Permit	1180	N/A	N/A	
Daily	0	N/A	N/A	state
Handicap	0	N/A	N/A	
Total Garage Addition	1180	N/A	N/A	
Street Lot				
Permit	106	106	100.0%	
Daily	0	0	N/A	state
Handicap	2	0	0.0%	
Total Lot 2	108	106	98.1%	
Permit	706	706	100.0%	state
Daily	320	320	100.0%	1028 current
Handicap	2	0	0.0%	2208 future
TOTAL PARKING	1028	1026	99.8%	

Note: The total utilization rate only considers spaces available at the time of the survey (not the garage addition).

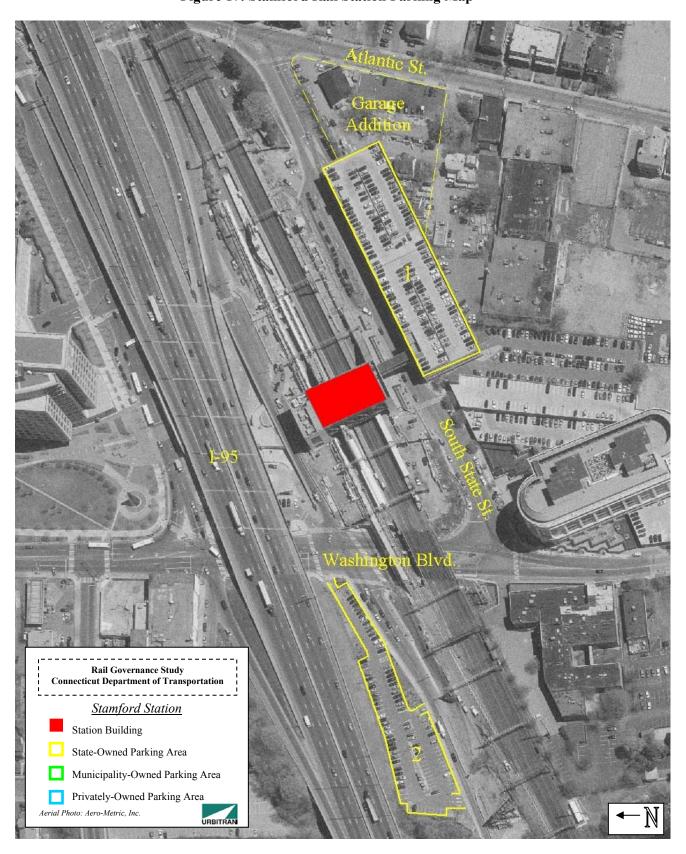


Figure 17: Stamford Rail Station Parking Map

Old Greenwich

Three parking lots serve rail commuters in Old Greenwich providing 578 parking spaces. Lots 1 (291 spaces) and 3 (181) provide permit and daily parking for 472 commuters. Lot 1 has 2 spaces designated as handicap. Lot 2 is used solely for permit parking with 106 spaces, of which 2 are designated for handicap use.

Overall, parking utilization exceeded 90%. Lot 2 exceeded capacity due to cars parking illegally. The parking capacity and utilization details are shown in Table 18.

Parking Area Ownership

Lots 1 and 2 are owned by the State of Connecticut. The street parking area north of Lot 1 is owned by the City of Greenwich. The City also owns Lot 3. The State owns 68.7% of the commuter parking at the Old Greenwich Station. Figure 18 displays the location and ownership of the lots.

Fee Structure

Parking fees for the Old Greenwich Station include an annual permit fee of \$200 and a \$5.00 daily fee. The waiting list for a permit currently houses 69 people, but it is speculated that the list will be eliminated by the end of 2002. The Greenwich Station sells 1015 permits annually, an over-sale ratio of over 100%.

Table 18: Old Greenwich Rail Station Parking Capacity and Utilization

Location	Capacity	Vehicle Count	Utilization	Ownership
Lot 1				
Permit	264	242	91.7%	
Daily	25	19	76.0%	state
Handicap	2	1	50.0%	
Total Lot 1	291	262	90.0%	
Eastbound Lot 2				
Permit*	104	106	101.9%	
Daily	0	0	N/A	state
Handicap	2	1	50.0%	
Total Lot 2	106	107	100.9%	
Lot 3 Lower Level				
Permit	138	122	88.4%	
Daily	43	41	95.3%	municipality
Handicap	0	0	N/A	
Total Lot 3	181	163	90.1%	1
Permit	506	470	92.9%	state
Daily	68	60	88.2%	397
Handicap	4	2	50.0%	municipality
TOTAL PARKING	578	532	92.0%	181

^{*}Spaces in use exceed capacity for permit parking due to 2 cars parked illegally.



Figure 18: Old Greenwich Rail Station Parking Map

Riverside

A total of 324 parking spaces, distributed among three parking lot locations, are provided for rail commuter parking for the Riverside Station. Permit parking accounts for 288 spaces. Thirty-two spaces are designated as daily and 4 are designated for handicap parking.

Lot 1 (153 spaces) and Lot 3 (17 spaces) are for permit parking only, although Lot 1 has two additional spaces designated for handicap parking. Lot 2 provides 118 spaces for permit parking, 32 daily spaces, and 2 handicap parking spaces. Permit parking was at capacity in Lot 3 and at 90% of capacity in Lot 1. Lot 2 was less utilized by both permit and daily patrons with utilization of 81% and 75%, respectively. The parking capacity and utilization are shown in detail in Table 19.

Parking Area Ownership

Lots 1 and 2 at the Riverside Rail Station are owned by the State of Connecticut. The City of Greenwich owns Lot 3. Overall, the State owns 94.8% of the parking at the Riverside Station. Parking lot location and ownership status are outlined in Figure 19.

Fee Structure

Parking fees for Riverside Station include an annual permit fee of \$200 and a \$5.00 daily fee. The Riverside Station oversells permits by 82.3%, but a waiting list of 60 people still exists. Wait time for a permit is estimated to be 1 year.

Table 19: Riverside Rail Station Parking Capacity and Utilization

Location	Capacity	Vehicle Count	Utilization	Ownership
Lot 1				
Permit	153	139	90.8%	state
Daily	0	0	N/A	
Handicap	2	1	50.0%	
Total Lot 1	155	140	90.3%	
Lot 2				
Permit	118	96	81.4%	
Daily	32	24	75.0%	state
Handicap	2	0	0.0%	
Total Lot 2	152	120	78.9%	
Lot 3				
Permit	17	17	100.0%	
Daily	0	0	N/A	municipality
Handicap	0	0	N/A	
Total Lot 3	17	17	100.0%	
Permit	288	252	87.5%	state
Daily	32	24	75.0%	307
Handicap	4	1	25.0%	municipality
TOTAL PARKING	324	277	85.5%	17



Figure 19: Riverside Rail Station Parking Map

Cos Cob

The Cos Cob Rail Station has 567 rail commuter parking spaces spread over four lots. The majority of the spaces are designated as permit parking (510 spaces). The only location for daily parking is in Lot 1 which accommodates 54 daily commuters. Three spaces are designated as handicap and are found in Lots 3 (1 space) and 4 (2 spaces).

Lots 1a and 1c were at capacity. Lots 2 and 3 exceeded 80% usage. Parking locations further from the station proper area showed lower utilization. Lot 1, the furthest from the station, off Strickland Road, was slightly more than half (51.9%) full. Lot 1b was only three-quarters full. Lot 4, off Loughlin Avenue, was slightly higher than three-quarters full (77.6%).

Table 20 shows the parking capacity and utilization in detail.

Parking Area Ownership

The City of Greenwich owns Lots 1 and 1b. All of the other lots are owned by the State of Connecticut. The State owns 63.7% of the commuter parking at the Cos Cob Station. Figure 20 displays the parking lot locations and ownership pattern.

Fee Structure

Parking fees for the Cos Cob Station include an annual permit fee of \$200 and a \$5.00 daily fee. A permit waiting list of 24 people currently exists at the Cos Cob Station, but it is anticipated that the list will be eradicated by the end of 2002. Nine hundred and ninety permits are issued annually for the 510 available permit parking spaces at the Cos Cob Station, an over-sale ratio of 94.1%

Table 20: Cos Cob Rail Station Parking Capacity and Utilization

Location	Capacity	Vehicle Count	Utilization	Ownership
Lot 1				
Permit	0	0	N/A	
Daily	54	28	51.9%	municipality
Handicap	0	0	N/A	
Total Lot 1	54	28	51.9%	
Lot 1a				
Permit	37	37	100.0%	
Daily	0	0	N/A	state
Handicap	0	0	N/A	
Total Lot 1a	37	37	100.0%	
Lot 1b				
Permit	152	114	75.0%	
Daily	0	0	N/A	municipality
Handicap	0	0	N/A	_
Total Lot 1b	152	114	75.0%	
Lot 1c				
Permit	9	9	100.0%	
Daily	0	0	N/A	state
Handicap	0	0	N/A	
Total Lot 1c	9	9	100.0%	
Lot 2				
Permit	52	46	88.5%	
Daily	0	0	N/A	state
Handicap	0	0	N/A	
Total Lot 2	52	46	88.5%	
Lot 3				
Permit	128	107	83.6%	
Daily	0	0	N/A	state
Handicap	1	1	100.0%	
Total Lot 3	129	108	83.7%	
Lot 4				-
Permit	132	104	78.8%	_
Daily	0	0	N/A	state
Handicap	2	0	0.0%	
Total Lot 4	134	104	77.6%	1
Permit	510	417	81.8%	state
Daily	54	28	51.9%	361
Handicap	3	1	33.3%	municipality
TOTAL PARKING	567	446	78.7%	206

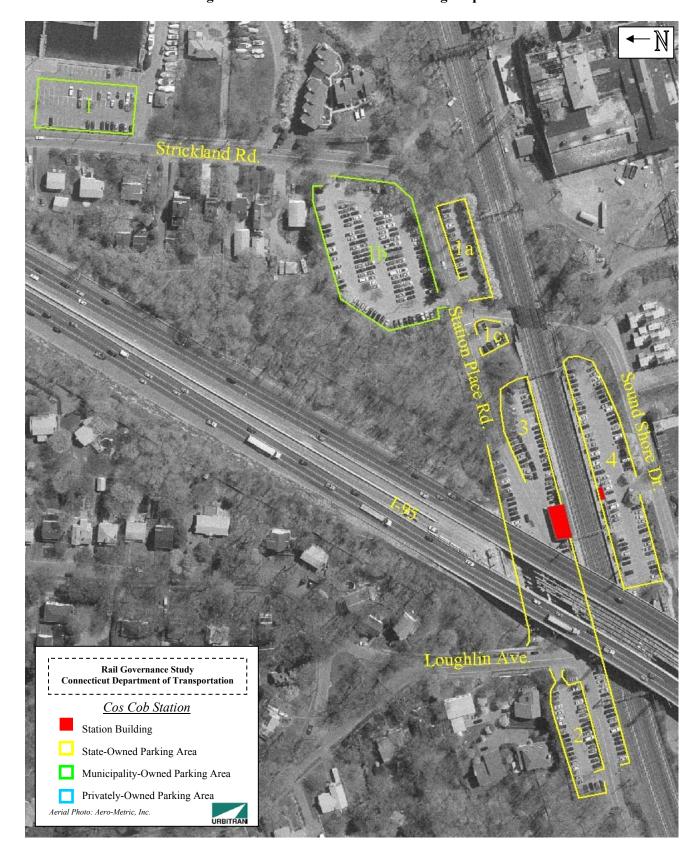


Figure 20: Cos Cob Rail Station Parking Map

Greenwich

Five parking locations serve rail commuters in Greenwich providing 1,274 parking spaces: 792 permit, 474 daily, and 8 handicap.

The majority of parking (1,178 spaces) is provided in Lots 1 (Greenwich Garage – 369 spaces), 2 (Horseneck Lane – 357 spaces), and 3 (Arch Street- 452 spaces). Lot 1 is for permit parking only with 2 spaces designated for handicap parking. Lots 2 and 3 provide permit, daily and handicap parking.

Lot 4 (Steamboat Road -68 spaces) and Lot 5 (Museum Drive -28 spaces) are used exclusively for daily parking.

Daily parking, excluding Museum Drive, was at capacity. At Museum Drive, spaces were almost 80% utilized. Permit parking in all locations ranged between 80% and 84% usage. The parking capacity and utilization is shown in detail in Table 21.

Parking Area Ownership

At the Greenwich Rail Station Lot 1 is privately-owned. All of the other lots are owned by the City of Greenwich. The State of Connecticut owns none of the commuter parking at the Greenwich Station. Figure 21 details the parking lot locations and ownership status.

Fee Structure

Parking fees for the Greenwich Station vary by parking location. Parking in the Plaza is \$350 annually; outside the Station area there is a \$200 per year fee and the parking is limited to Greenwich residents. The daily fee is \$5.00. Despite high permit over-sale ratios, 457 people are currently waiting for parking permits at the Greenwich Plaza, and 682 people are waiting for permits for outside the station. The waiting time for a permit is estimated to be 6 years at the Plaza and 3 years outside the station. At the Plaza, 695 permits are issued annually for the 367 available permit spaces, an over-sale ratio of 89.4%. Outside the station, 955 permits are issued for the 425 available spaces, an over-sale ratio of more than 100%.

Table 21: Greenwich Rail Station Parking Capacity and Utilization

Location	Capacity	Vehicle Count	Utilization	Ownership		
Lot 1 (Greenwich Garage)						
Permit	367	294	80.1%			
Daily	0	0	N/A	private		
Handicap	2	0	0.0%]		
Total Lot 1	369	294	79.7%			
Lot 2 (Horseneck Lane)						
Permit	276	232	84.1%			
Daily	78	78	100.0%	municipality		
Handicap	3	1	33.3%			
Total Lot 2	357	311	87.1%			
Lot 3 (Arch St.)						
Permit	149	125	83.9%			
Daily	300	300	100.0%	municipality		
Handicap	3	0	0.0%			
Total Lot 3	452	425	94.0%			
Lot 4 (Steamboat Road)						
Permit	0	0	N/A			
Daily	68	68	100.0%	municipality		
Handicap	0	0	N/A			
Total Lot 4	68	68	100.0%			
Lot 5 (Museum Drive)						
Permit	0	0	N/A			
Daily	28	22	78.6%	municipality		
Handicap	0	0	N/A			
Total Lot 5	28	22	78.6%			
Permit	792	651	82.2%	municipality		
Daily	474	468	98.7%	905		
Handicap	8	1	12.5%	private		
TOTAL PARKING	1274	1120	87.9%	369		



Figure 21: Greenwich Rail Station Parking Map

New Canaan Line

New Canaan

The New Canaan Rail Station has 510 parking spaces in three surface lots in close proximity to the station proper. One lot is adjacent to the station, another is off Elm Street, and the third is off Pine Street. Three parking categories are utilized in these lots: permit parking, daily parking, and handicapped parking. There are 353 permit spaces, 151 daily spaces, and 6 handicapped spaces. The total usage for the lots was 82.4%, with daily and handicapped parking realizing 100% occupancy.

There are also a number of private municipal lots that provide an additional 419 parking spaces in the area around the station. There are five total lots, none of which provide handicapped parking. The lots offer a mix of permit and daily parking.

Parking Area Ownership

Lots 1 and 3 at the New Canaan Rail Station are owned by the State of Connecticut. All of the other lots are owned by the City of New Canaan. The State owns 21% of the parking used by rail commuters at the New Canaan Station. Figure 22 displays the locations and ownership of the parking lots.

Fee Structure

The New Canaan lots have permit and daily parking available. Daily parking costs \$3. The permit rate is \$324 annually, which is pro-rated throughout the year. The waiting list for permit parking ranges from 3 to 6 years, depending on which lot is being requested. The waiting list currently has 610 people waiting for permits. Permits are oversold at the New Canaan Station by 5.2%.

Table 22 contains specific information on the parking situation at the New Canaan Rail Station.

Table 22: New Canaan Rail Station Parking Capacity and Utilization

Location	Capacity	Vehicle Count	Utilization	Ownership
Lot 1 (Adjacent to Station)				
Permit	0	0	N/A	
Daily	87	87	100.0%	state
Handicap	6	6	100.0%	
Total Lot 1	93	93	100.0%	
Lot 2 (off Elm St.)				
Permit	346	256	74.0%	
Daily	0	0	N/A	municipality
Handicap	0	0	N/A	4
Total Lot 2	346	256	74.0%	
Lot 3 (off Pine St.)		7	100.00/	_
Permit	7	7	100.0%	-
Daily	64	64	100.0%	state
Handicap Track Land 2	0	0	N/A	-
Total Lot 3	71	71	100.0%	
Lot 4 (Richmond Hill) Permit	68	52	76.5%	-
	0	0	/6.5% N/A	- mynicinality
Daily	0	0	N/A	municipality
Handicap Total Lot 4	68	52	76.5%	4
Lot 5 (Seminary St.)	00	32	70.5 / 0	
Permit Permit	0	0	N/A	-
Daily	52	26	50.0%	municipality
Handicap	0	0	N/A	
Total Lot 5	52	26	50.0%	-
Lot 6 (Seminary St.)				
Permit	118	90	76.3%	1
Daily	10	4	40.0%	municipality
Handicap	0	0	N/A	
Total Lot 6	128	94	73.4%	1
Lot 7 (Cherry St.)				
Permit	18	17	94.4%	
Daily	0	0	N/A	municipality
Handicap	0	0	N/A	
Total Lot 7	18	17	94.4%	
Lot 8 (Locust St.)				_
Permit	125	109	87.2%	
Daily	28	16	57.1%	municipality
Handicap	0	0	N/A	
Total Lot 8	153	125	81.7%	1
Permit	682	531	77.9%	state
Daily	241	197	81.7%	164
Handicap	6	6	100.0%	municipality
TOTAL PARKING	929	734	79.0%	765

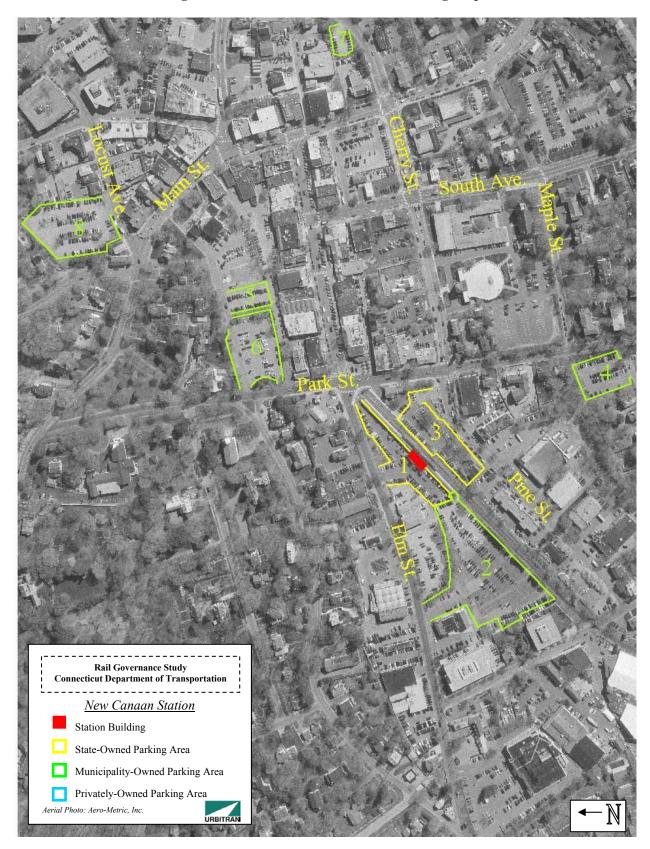


Figure 22: New Canaan Rail Station Parking Map

Talmadge Hill

The Talmadge Hill Rail Station has two parking lots with a total of 311 spaces. One of the lots has permit and handicapped parking available and the other has permit and daily parking available. There are 218 permit spaces, 91 daily spaces, and 2 handicapped spaces. The total occupancy rate was 88.1%.

Parking Area Ownership

The State of Connecticut owns one row of parking (18 spaces) along the northbound side of the tracks at the Talmadge Hill Station. The City of New Canaan owns the rest of the parking spaces. The State owns 5.8% of the commuter parking at the Talmadge Hill Station. The parking lot locations and ownership situation are presented in Figure 23.

Fee Structure

Talmadge Hill lots have permit and daily parking available. Daily parking is \$3. The permit rate is \$324 annually, which is pro-rated throughout the year. The waiting list for permit parking is typically 2-4 months. Currently there are 83 people on the waiting list and the Talmadge Hill Station oversells their permits by 5.2%.

Table 23 contains specific information on parking at the Talmadge Hill Rail Station.

Table 23: Talmadge Hill Rail Station Parking Capacity and Utilization

Location	Capacity	Vehicle Count	Utilization	Ownership
Lot 1				
Permit	97	92	94.8%	
Daily	0	0	N/A	municipality
Handicap	2	0	0.0%	
Total Lot 1	99	92	92.9%	
Lot 2				
Permit	121	102	84.3%	state (18) /
Daily	91	80	87.9%	municipality
Handicap	0	0	N/A	(194)
Total Lot 2	212	182	85.8%	
Permit	218	194	89.0%	state
Daily	91	80	87.9%	18
Handicap	2	0	0.0%	municipality
TOTAL PARKING	311	274	88.1%	293



Figure 23: Talmadge Hill Rail Station Parking Map

Springdale

The Springdale Rail Station has one surface parking lot. The lot has 208 total spaces. There are 146 permit parking spaces and 56 daily parking spaces available in the lot. Springdale also has an additional 6 handicap spaces. The total usage rate for the lot was 88% during the study. Table 24 presents specific information on parking at the Springdale rail station.

Parking Area Ownership

The State of Connecticut owns 37 parking spaces along the southbound side of the tracks at the Springdale Rail Station as well as 54 spaces in the southern portion of the lot. The City of Stamford owns the rest of the lot. The State owns 43.8% of the commuter parking at the Springdale Station. Figure 24 outlines the lot structure and ownership pattern at the Springdale Station.

Fee Structure

Monthly parking passes cost \$42 for Stamford residents and \$84 for non-residents. Daily parking is \$3. There is a waiting list for permit parking that is maintained by the City of Stamford, which averages two years. One hundred and eighty-two people are currently on the waiting list for permits. The Springdale Station issues 200 permits annually for their 146 permit spaces, an oversale ratio of 9.9%.

Table 24: Springdale Rail Station Parking Capacity and Utilization

Туре	Capacity	Vehicle Count	Utilization	Ownership
Permit	146	129	88.4%	
Daily	56	54	96.4%	state (91) /
Handicap	6	0	0.0%	municipality (117)
TOTAL PARKING	208	183	88.0%	



Figure 24: Springdale Rail Station Parking Map

Glenbrook

The Glenbrook Rail Station has one surface parking lot. The lot has 156 spaces in three categories: permit, daily, and handicap. There are 63 permit parking spaces, 90 daily parking spaces, and 3 handicapped spaces. The daily parking spaces were all full on the day of the survey. The overall usage rate for the lot was 84.6%. Table 25 presents specific information on parking at the Glenbrook Rail Station.

Parking Area Ownership

The City of Stamford owns the majority of the lot at the Glenbrook Rail Station. The State of Connecticut owns 23 parking spaces in the northeastern section of the lot, 14.7% of the commuter parking at the Glenbrook Station. Figure 25 maps the parking lot configuration and ownership situation at the Glenbrook Station.

Fee Structure

Monthly parking passes cost \$42 for Stamford residents and \$84 for non-residents. Daily parking is \$3. There is a waiting list for permit parking that is maintained by the City of Stamford, which averages one year. The wait list contains 86 people waiting for a permit. Seventy-five permits are issued annually for the 63 permit parking spaces, an over-sale ratio of 19%.

Table 25: Glenbrook Rail Station Parking Capacity and Utilization

Туре	Capacity	Vehicle Count	Utilization	Ownership
Permit	63	41	65.1%	
Daily	90	90	100.0%	state (23) /
Handicap	3	1	33.3%	municipality (133)
TOTAL PARKING	156	132	84.6%	(322)

Table 21: Greenwich Rail Station Parking Capacity and Utilization

Location	Capacity	Vehicle Count	Utilization	Ownership		
Lot 1 (Greenwich Garage)						
Permit	367	294	80.1%			
Daily	0	0	N/A	private		
Handicap	2	0	0.0%]		
Total Lot 1	369	294	79.7%			
Lot 2 (Horseneck Lane)						
Permit	276	232	84.1%			
Daily	78	78	100.0%	municipality		
Handicap	3	1	33.3%			
Total Lot 2	357	311	87.1%			
Lot 3 (Arch St.)						
Permit	149	125	83.9%			
Daily	300	300	100.0%	municipality		
Handicap	3	0	0.0%			
Total Lot 3	452	425	94.0%			
Lot 4 (Steamboat Road)						
Permit	0	0	N/A			
Daily	68	68	100.0%	municipality		
Handicap	0	0	N/A			
Total Lot 4	68	68	100.0%			
Lot 5 (Museum Drive)						
Permit	0	0	N/A			
Daily	28	22	78.6%	municipality		
Handicap	0	0	N/A			
Total Lot 5	28	22	78.6%			
Permit	792	651	82.2%	municipality		
Daily	474	468	98.7%	905		
Handicap	8	1	12.5%	private		
TOTAL PARKING	1274	1120	87.9%	369		

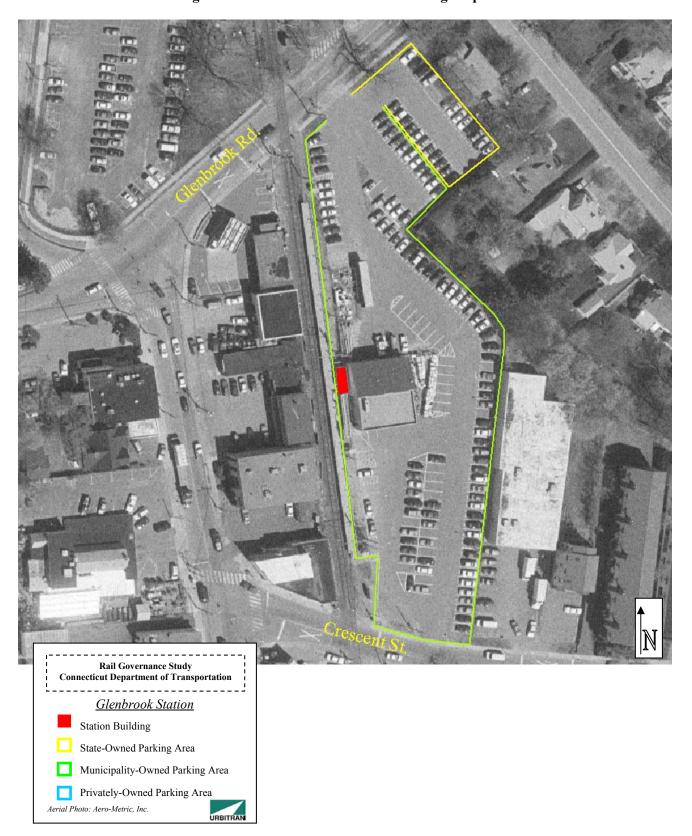


Figure 25: Glenbrook Rail Station Parking Map

Danbury Line

Danbury

The Danbury Rail Station has one surface lot with 147 spaces. Five categories are utilized to designate the parking spaces. There are 12 permit spaces at the lot and 12 metered spaces. The lot also contains 5 handicapped spaces, 2 15-minute parking spaces, and 2 reserved spaces. The usage rate for the entire lot was 57.8%. The metered spots had the highest usage rate, with 88.3% of spaces utilized. Permit parking was utilized at a rate of 57.1%. Also, a 550-space parking garage nearby can be used by commuters and is privately owned and operated. The garage is not counted in this inventory.

Parking Area Ownership

All of the surface parking at the Danbury Rail Station is owned by the State of Connecticut. Figure 26 shows the lot location and ownership.

Fee Structure

The Danbury Rail Station has three rate categories. The annual rate for permit parking is \$150, which is pro-rated throughout the year. Metered spaces have a rate of \$0.50 for up to ten hours. The 15-minute parking spots are free of charge, as are the reserved spaces. There is no waiting list.

Table 26 presents specific information on parking at the Danbury Rail Station.

Table 26: Danbury Rail Station Parking Capacity and Utilization

Type	Capacity	Vehicle Count	Utilization	Ownership
Permit	126	72	57.1%	state
Daily	12	10	83.3%	
15-Minute	2	0	0.0%	
Reserved	2	2	100.0%	
Handicap	5	1	20.0%	
TOTAL PARKING	147	85	57.8%	

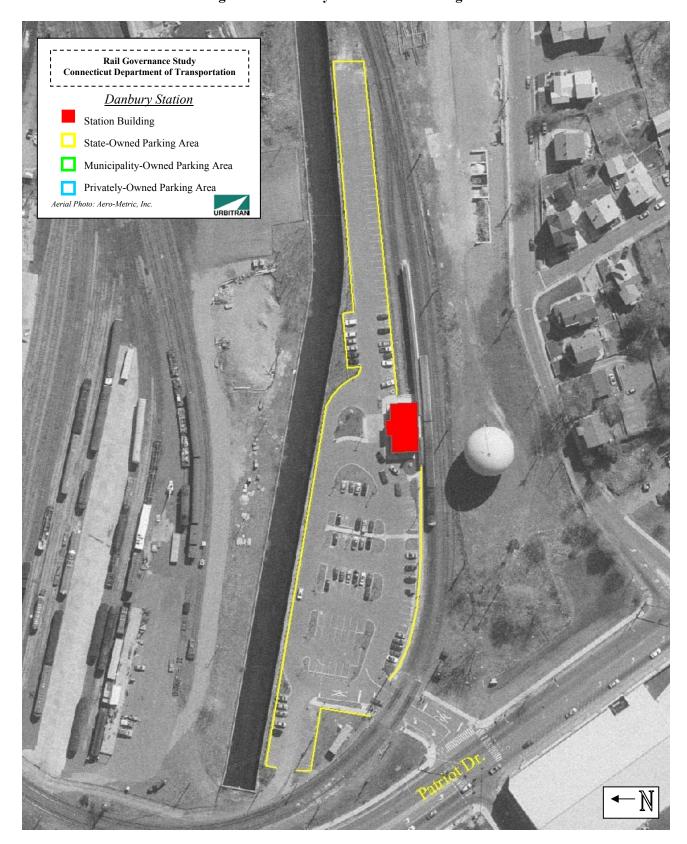


Figure 26: Danbury Rail Station Parking

Bethel

The Bethel Rail Station has one surface lot with 197 spaces. The spaces are designated in three categories. There are 165 permit spaces, 26 metered spaces, and 6 handicapped spaces at the lot. The overall usage rate at the station was 73.1%. Permit parking was utilized at a rate of 77%.

Parking Area Ownership

The State of Connecticut owns all of the parking spaces at the Bethel Rail Station. Figure 27 maps the lot location and ownership status.

Fee Structure

Two rate options are available at the lot for parking. There is a \$175 annual permit rate, which will be pro-rated based on the date of purchase. The metered spaces have a rate of \$3 per day. Also, debit cards are available for use at the metered spots. These cards are available in quantities of \$50. There is no waiting list.

Table 27 presents specific information on parking at the Bethel Rail Station.

Table 27: Bethel Rail Station Parking Capacity and Utilization

Туре	Capacity	Vehicle Count	Utilization	Ownership
Permit	165	127	77.0%	state
Daily	26	16	61.5%	
Handicap	6	1	16.7%	
TOTAL PARKING	197	144	73.1%	

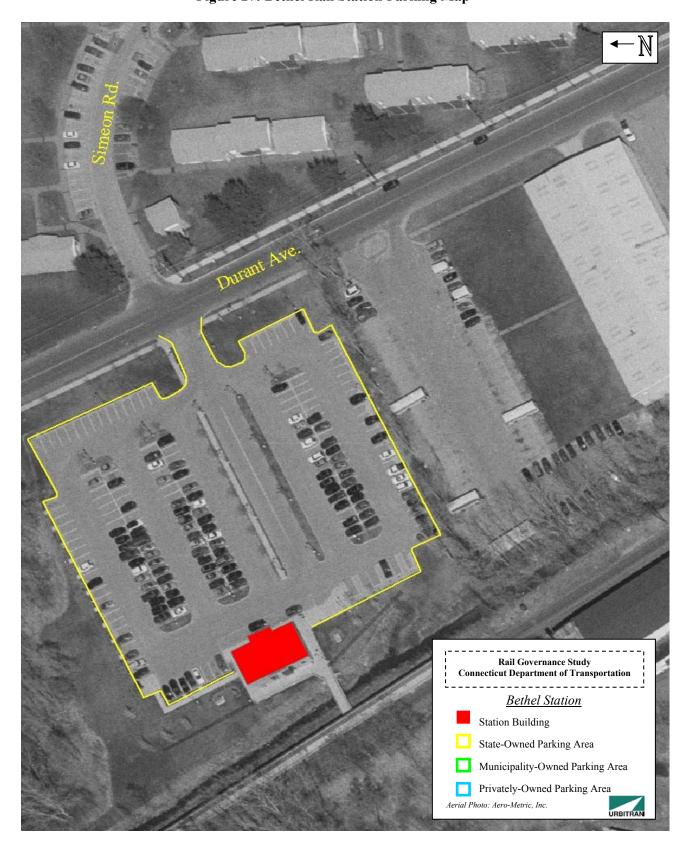


Figure 27: Bethel Rail Station Parking Map

Redding

The Redding Rail Station has one surface lot with 82 spaces. Three designations are used to classify the types of parking available at the station. There are 65 permit spaces, 13 daily spaces, and 4 handicapped spaces. The overall usage rate for the lot was 63.4%. There are also two spaces reserved at the lot for station personnel.

Parking Area Ownership

All parking at the Redding Rail Station is owned by the State of Connecticut. Figure 28 displays the parking lot location and ownership.

Fee Structure

Two rate options are available for parking at the station. There is a \$125 annual permit fee and a daily rate of \$2. There is no waiting list.

Table 28 presents specific information on parking at the Redding Rail Station.

Table 28: Redding Rail Station Parking Capacity and Utilization

Туре	Capacity	Vehicle Count	Utilization	Ownership
Permit	65	42	64.6%	state
Daily	13	10	76.9%	
Handicap	4	0	0.0%	
TOTAL PARKING	82	52	63.4%	

Note: Two spaces at the station are reserved for station personnel

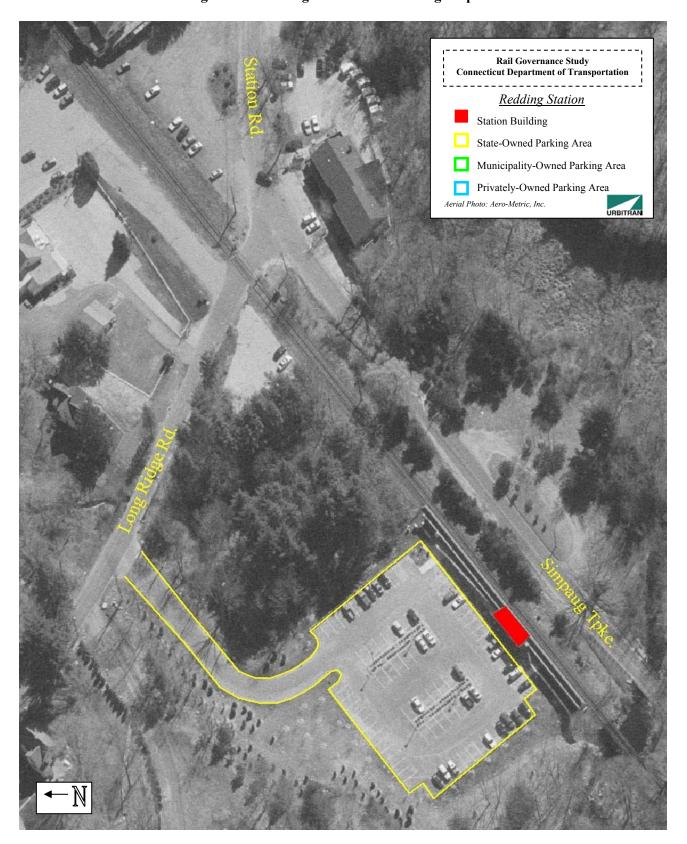


Figure 28: Redding Rail Station Parking Map

Branchville

The Branchville Rail Station has 168 spaces available in a surface lot for persons using the rail station. All of the spaces are for daily parking, with the exception of 2 handicapped parking spaces. There is no space available for permit parking at Branchville. The usage rate for the lot was 90.5% on the day of the survey.

Parking Area Ownership

The State of Connecticut owns all of the parking spaces at the Branchville Station. Figure 29 maps the location of the lot and its ownership status.

Fee Structure

Parking is free at the Branchville Rail Station. The lot operates on a "first come, first serve" basis.

Table 29 presents specific information on parking at the Branchville Rail Station.

Table 29: Branchville Rail Station Parking Capacity and Utilization

Туре	Capacity	Vehicle Count	Utilization	Ownership
Permit	0	0	N/A	
Daily	166	152	91.6%	
Handicap	2	0	0.0%	state
TOTAL PARKING	168	152	90.5%	



Figure 29: Branchville Rail Station Parking Map

Cannondale

The Cannondale Rail Station has 140 parking spaces in a surface lot. There are 138 permit parking spaces, with 2 handicapped spaces available. No daily parking is available at the Cannondale Station. The usage rate for the lot was 75.7% during the survey.

Parking Area Ownership

All Cannondale Rail Station parking spaces are owned by the State of Connecticut. The parking lot location and ownership are displayed in Figure 30.

Fee Structure

Commuters are not charged for parking at the Cannondale Rail Station. The lot operates on a "first come, first serve" basis.

Table 30 presents specific information on parking at the Cannondale Rail Station.

Table 30: Cannondale Rail Station Parking Capacity and Utilization

Туре	Capacity	Vehicle Count	Utilization	Ownership
Permit	138	106	76.8%	
Daily	0	0	N/A	
Handicap	2	0	0.0%	state
TOTAL PARKING	140	106	75.7%	



Figure 30: Cannondale Rail Station Parking

Wilton

The Wilton Rail Station has two surface lots with 212 total spaces. The spaces are categorized in two ways: permit and handicapped. The "old" lot has 159 permit spaces, and 8 handicapped spaces. The "new" lot has 45 spaces. No daily parking is available at the station. The usage rate for the Wilton station was 72.6% with no cars parked in the "new" lot.

Parking Area Ownership

The State of Connecticut owns parking spaces along the both sides of the track at the Wilton Station. That is, the State owns all of the new lot and the spaces along the northbound side of the tracks and on the other side of Ridgefield Road in the old lot. The Town of Wilton owns the rest of the parking in the old lot, all on the northbound side of the tracks. Overall, the State owns 49.5% of the parking at the Wilton Rail Station. Parking lot locations and ownership pattern are illustrated in Figure 31.

Fee Structure

Parking at the Wilton Rail Station is free. The lot operates on a "first come, first serve" basis.

Table 31 presents specific information on parking at the Wilton Rail Station.

Table 31: Wilton Rail Station Parking Capacity and Utilization

Location	Capacity	Vehicle Count	Utilization	Ownership
Old Lot				
Permit	159	151	95.0%	state (60) /
Daily	0	0	N/A	municipality
Handicap	8	3	37.5%	(107)
Total Old Lot	167	154	92.2%	
New Lot				
Permit	45	0	0.0%	
Daily	0	0	N/A	state
Handicap	0	0	N/A	
Total New Lot	45	0	0.0%	
Permit	204	151	74.0%	state
Daily	0	0	N/A	105
Handicap	8	3	37.5%	municipality
TOTAL PARKING	212	154	72.6%	107

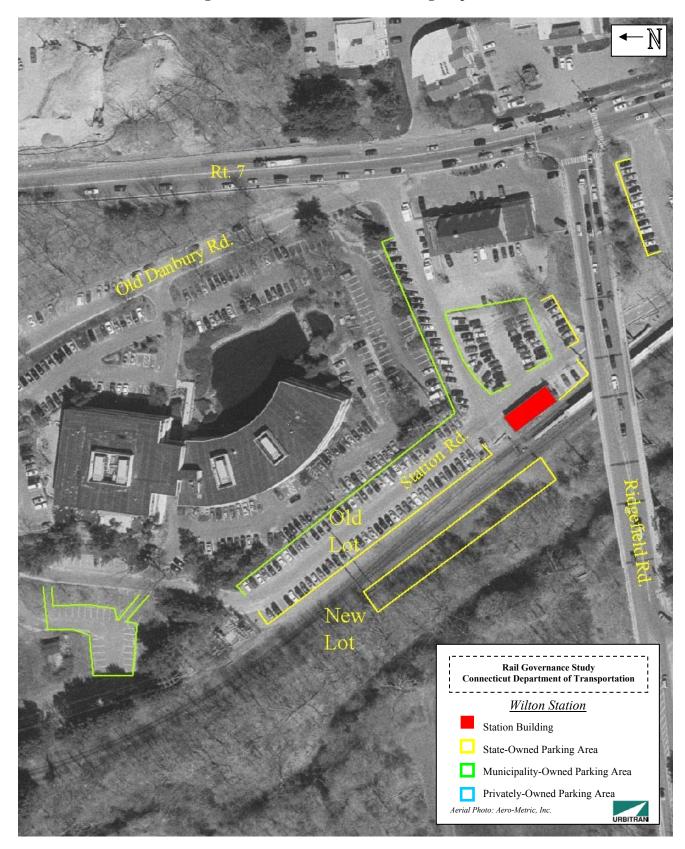


Figure 31: Wilton Rail Station Parking Map

Merritt 7

The Merritt 7 Rail Station has a surface lot with 88 total spaces. The spaces are categorized into two designations: daily parking and handicapped parking. The lot does not have permit, annual, or monthly parking available. The usage rate for the Merritt 7 lot was 81.8%.

Parking Area Ownership

The State of Connecticut owns all of the parking at the Merritt 7 Station. Figure 32 displays the location and ownership status of the Merritt 7 Lot.

Fee Structure

It is free to park at the Merritt 7 Station. Parking is available on a "first come, first serve" basis.

Table 32 presents specific information on parking at the Merritt 7 Rail Station.

Table 32: Merritt 7 Rail Station Parking Capacity and Utilization

Туре	Capacity	Vehicle Count	Utilization	Ownership
Permit	0	0	N/A	
Daily	86	71	82.6%	
Handicap	2	1	50.0%	state
TOTAL PARKING	88	72	81.8%	

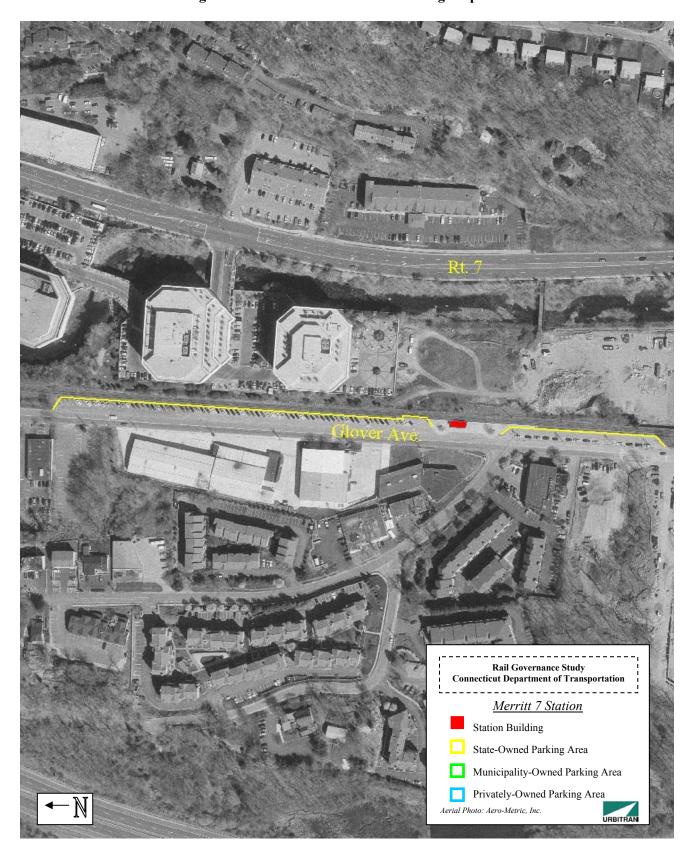


Figure 32: Merritt 7 Rail Station Parking Map

Waterbury Line

Waterbury

The Waterbury Rail Station has a surface lot with 156 spaces. The parking spaces are designated in two categories: daily and handicapped. There are 150 daily spaces and 6 handicapped spaces available at the lot. The line markings are faint at the station, with the exception of the handicapped spaces. The usage rate was 16%, with no utilization of handicapped spaces. The overall usage rate may be misleading; however, as numerous vehicles parked in a separate area may not be owned by rail users.

Parking Area Ownership

All of the parking at the Waterbury Rail Station is owned by the State of Connecticut. Figure 33 maps the general location of the parking area and station building at the Waterbury Station. The image quality is poorer than other stations' imagery so the Waterbury Station map is not zoomed in at the same level as the other stations. An additional color photograph is included at a higher zoom to get a better look at the parking situation in Waterbury.

Fee Structure

There is no charge for parking at the Waterbury Rail Station.

Table 33 presents specific information on parking at the Waterbury Rail Station.

Table 33: Waterbury Rail Station Parking Capacity and Utilization

Type	Capacity	Vehicle Count	Utilization	Ownership
Permit	0	0	N/A	
Daily	150	24	16.0%	
Handicap	6	0	0.0%	state
TOTAL PARKING	156	24	15.4%	

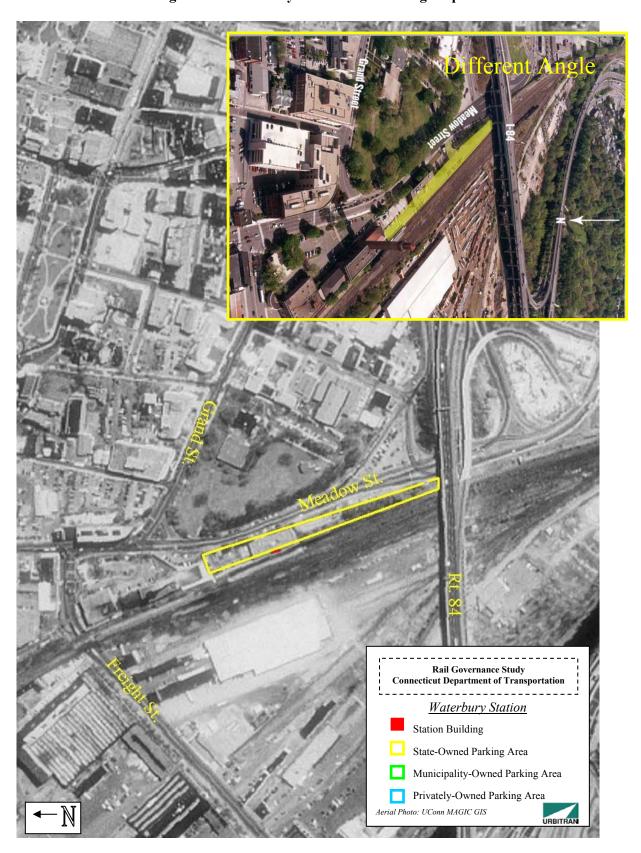


Figure 33: Waterbury Rail Station Parking Map

Naugatuck

The Naugatuck Rail Station has a surface lot with 125 spaces. All of the spaces are categorized as daily, with no handicapped parking marked as such. The lot has perimeter spaces and row parking set in the center of the lot on either side of the Naugatuck Historical Society. The markings were poor, making a space count very difficult. The usage rate for the lot was 10.4%, although some vehicles appeared to be parked for purposes other than Metro-North services on the Waterbury Branch. In addition, two trailers, one for Goodwill and the other unknown, occupied ten spaces.

Parking Area Ownership

The Town of Naugatuck owns the surface lot at the Naugatuck Rail Station. The State of Connecticut leases a few spots in the center of lot from the Town for rail parking. Thus, the State owns none of the parking at the Naugatuck Station. Figure 34 displays the parking lot location and ownership in Naugatuck.

Fee Structure

There is no charge for parking at the Naugatuck Rail Station.

Table 34 presents specific information on parking at the Naugatuck Rail Station.

Table 34: Naugatuck Rail Station Parking Capacity and Utilization

Type	Capacity	Vehicle Count	Utilization	Ownership
Permit	0	0	N/A	
Daily	125	13	10.4%	
Handicap	0	0	N/A	municipality
TOTAL PARKING	125	13	10.4%	

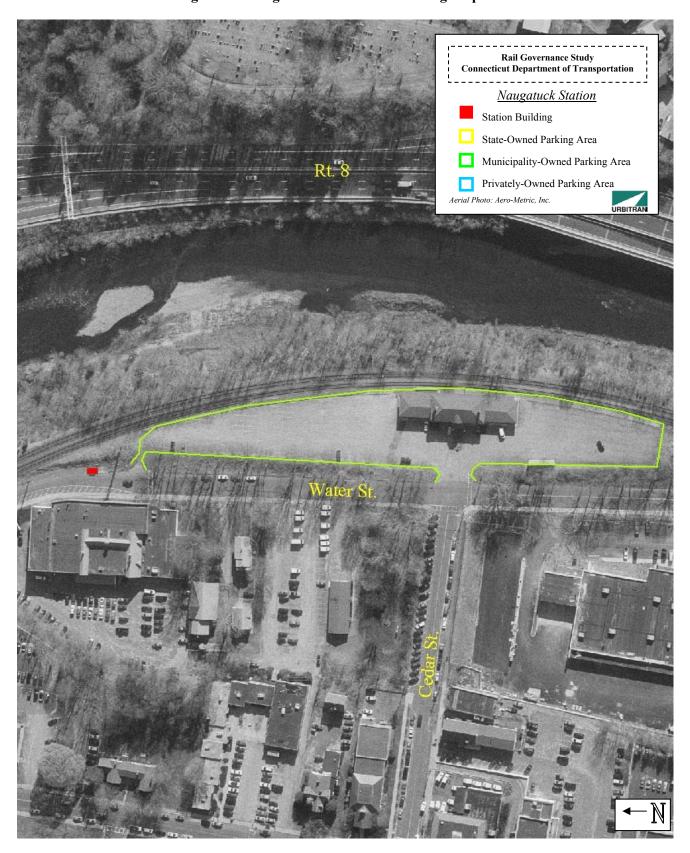


Figure 34: Naugatuck Rail Station Parking Map

Beacon Falls

The Beacon Falls Rail Station has a surface lot with 28 spaces. The lot is a small gravel lot. There is what appears to be another portion of what would have been parking for the rail station, but this area has a guardrail fencing it in completely. The lot has 25 daily spaces and 3 handicapped spaces. The usage rate for the lot was 21.4%, all of which was daily parking.

Parking Area Ownership

The State of Connecticut owns the gravel parking area at the Beacon Falls Rail Station. Figure 35 outlines the parking lot location and ownership.

Fee Structure

There is no charge for parking at the Beacon Falls Rail Station.

Table 35 presents specific information on parking at the Beacon Falls Rail Station.

Table 35: Beacon Falls Rail Station Parking Capacity and Utilization

Туре	Capacity	Vehicle Count	Utilization	Ownership
Permit	0	0	N/A	
Daily	25	6	24.0%	
Handicap	3	0	0.0%	state
TOTAL PARKING	28	6	21.4%	

Note: This is a gravel lot with no striped spaces. There is a fenced lot adjacent to the rail station parking area but it does not appear to be available for rail commuter parking.



Figure 35: Beacon Falls Rail Station Parking Map

Seymour

The Seymour Rail Station has surface parking with 22 spaces. All of the spaces at the lot are considered 2-hour parking spaces. There is one handicapped space at the rail station. The station spaces appear to be mixed-use spaces, as there is a commercial and retail district adjacent to the rail parking. The usage rate for the station was 72.7%. However, due to the mixed-use nature of the lots, it was impossible to determine how many spaces were designated for rail commuters and, in turn, how many cars belonged to rail station users.

Parking Area Ownership

Seymour Rail Station parking spaces close to the Station are owned by the Town of Seymour. Parking lots north and south of the station are owned by the State of Connecticut and account for approximately 80 spaces. All of the lots are used for mixed-use purposes. Because of the mixed-use nature of the lots further from the Station, it can be said that the State owns none of the rail commuter parking at the Seymour Station. Parking lot configuration and ownership status are shown in Figure 36.

Fee Structure

There is no charge for parking at the Seymour Rail Station.

Table 36 presents specific information on the parking area immediately adjacent to the Seymour Rail Station.

Table 36: Seymour Rail Station Parking Capacity and Utilization

Туре	Capacity	Vehicle Count	Utilization	Ownership
Permit	0	0	N/A	
Daily	21	16	76.2%	
Handicap	1	0	0.0%	municipality
TOTAL PARKING	22	16	72.7%	

Note: All parking is mixed-use 2-hour parking. The lot appears to be shared with downtown stores. A portion of the lot had parking for Fleet Bank personnel and patrons. This chart only considers the lot directly adjacent to the station owned by the Town.

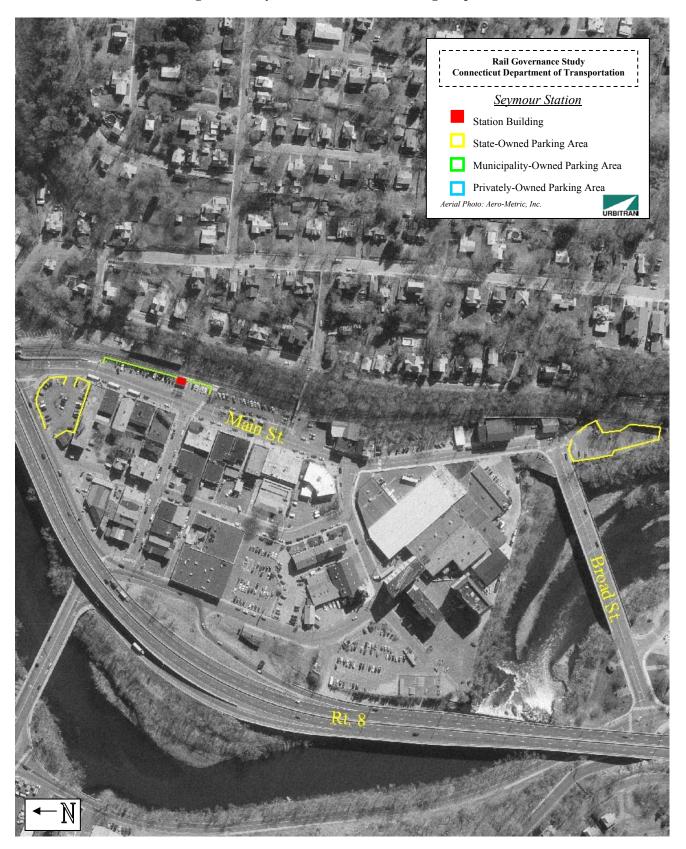


Figure 36: Seymour Rail Station Parking Map

Ansonia

The Ansonia Rail Station has 50 spaces available in surface parking. There is one small lot with specific signage for rail parking, and mixed-use parking for the rail station and downtown Ansonia. Also, there is parking for a Medical Center and a large municipal lot nearby that offers town parking and parking for the post office. Two handicapped spaces are available near the rail platform, and there are 48 daily parking spaces. The usage rate for rail parking was 68%. Parking space counts and utilization were not counted for the large municipal lot south of the station due to the mixed-use nature of the lot.

Parking Area Ownership

The State of Connecticut owns parking spaces along the tracks at the Ansonia Rail Station. The Town of Ansonia owns the municipal lots across the street from the station and south of the station. It is estimated that the State owns 80% of the commuter parking at the Ansonia Station. Figure 37 details the parking lot locations and ownership pattern.

Fee Structure

Parking at the Ansonia Rail Station is free.

Table 37 presents specific information on the state-owned parking at the Ansonia Rail Station.

Vehicle Count Utilization Type Capacity **Ownership** Permit N/A state (40) / Daily 48 33 68.8% municipality Handicap 2 1 50.0% (10)TOTAL PARKING **50** 34 68.0%

Table 37: Ansonia Rail Station Parking Capacity and Utilization

Note: All of the parking at the Ansonia Station is used for mixed-use purposes. These counts only consider parking immediately adjacent to the station and do not include the large municipal lot south of the station.

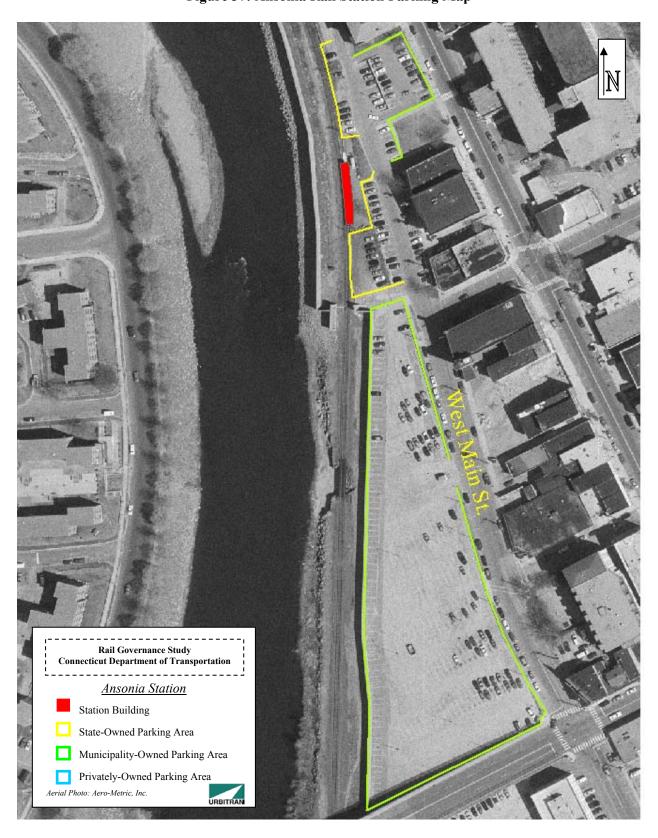


Figure 37: Ansonia Rail Station Parking Map

Derby/Shelton

The Derby/Shelton Rail Station has a surface lot with 75 spaces. The station has 70 daily spaces and 5 spaces that are designated as handicapped. The usage rate for the Derby/Shelton lot was 38.7%. The lot is utilized for the local planning agency and transit district, so it must be assumed that a percentage of the cars at the lot were there for these purposes.

Parking Area Ownership

The State of Connecticut owns all of the parking at the Derby/Shelton Rail Station. Figure 38 maps the lot location and ownership.

Fee Structure

Parking at the Derby/Shelton Rail Station is free.

Table 38 presents specific information on parking at the Derby/Shelton Rail Station.

Table 38: Derby/Shelton Rail Station Parking Capacity and Utilization

Type	Capacity	Vehicle Count	Utilization	Ownership
Permit	0	0	N/A	
Daily	70	29	41.4%	
Handicap	5	0	0.0%	state
TOTAL PARKING	75	29	38.7%	

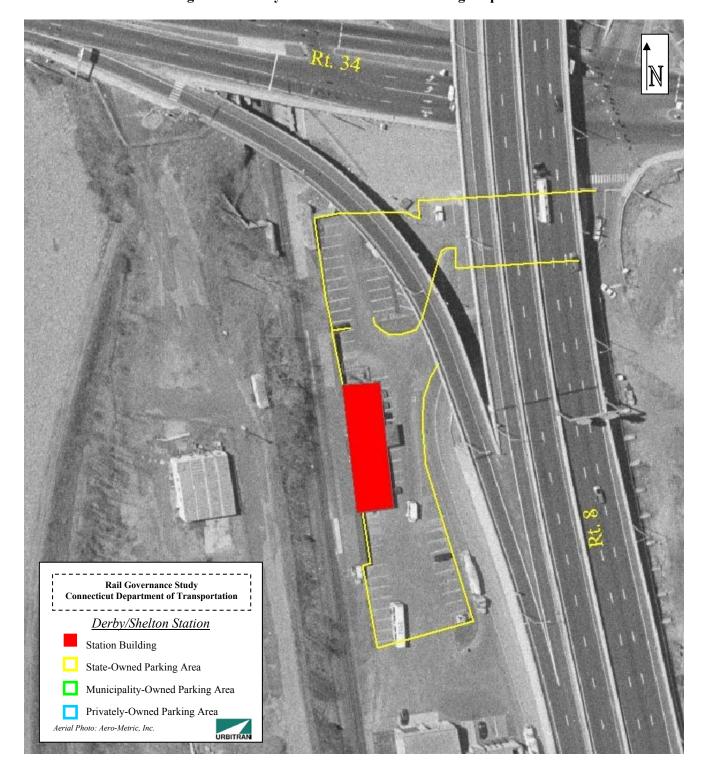


Figure 38: Derby/Shelton Rail Station Parking Map

Traffic and Transportation

Bridge and Civil Engineering

Architecture

Parking Services

Construction Inspection

Environmental Services

Transit Services

Structural Engineering

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