

MILFORD TRAIN STATION

VISUAL INSPECTION REPORT



January 2007



Prepared by the Bureau of Public Transportation
Connecticut Department of Transportation

Overview:

The Milford Train Station is located in downtown Milford between River Street and High Street. Highway signs note the proper exit for the station but trailblazing signs on local routes are infrequent.

The station was recently renovated and reconstructed as part of the catenary replacement project from New Haven to Milford. The westbound station building was restored. New canopies and amenities were added to the platforms, which were also extended on the eastbound side. Americans with Disabilities act (ADA) accessibility has been upgraded.

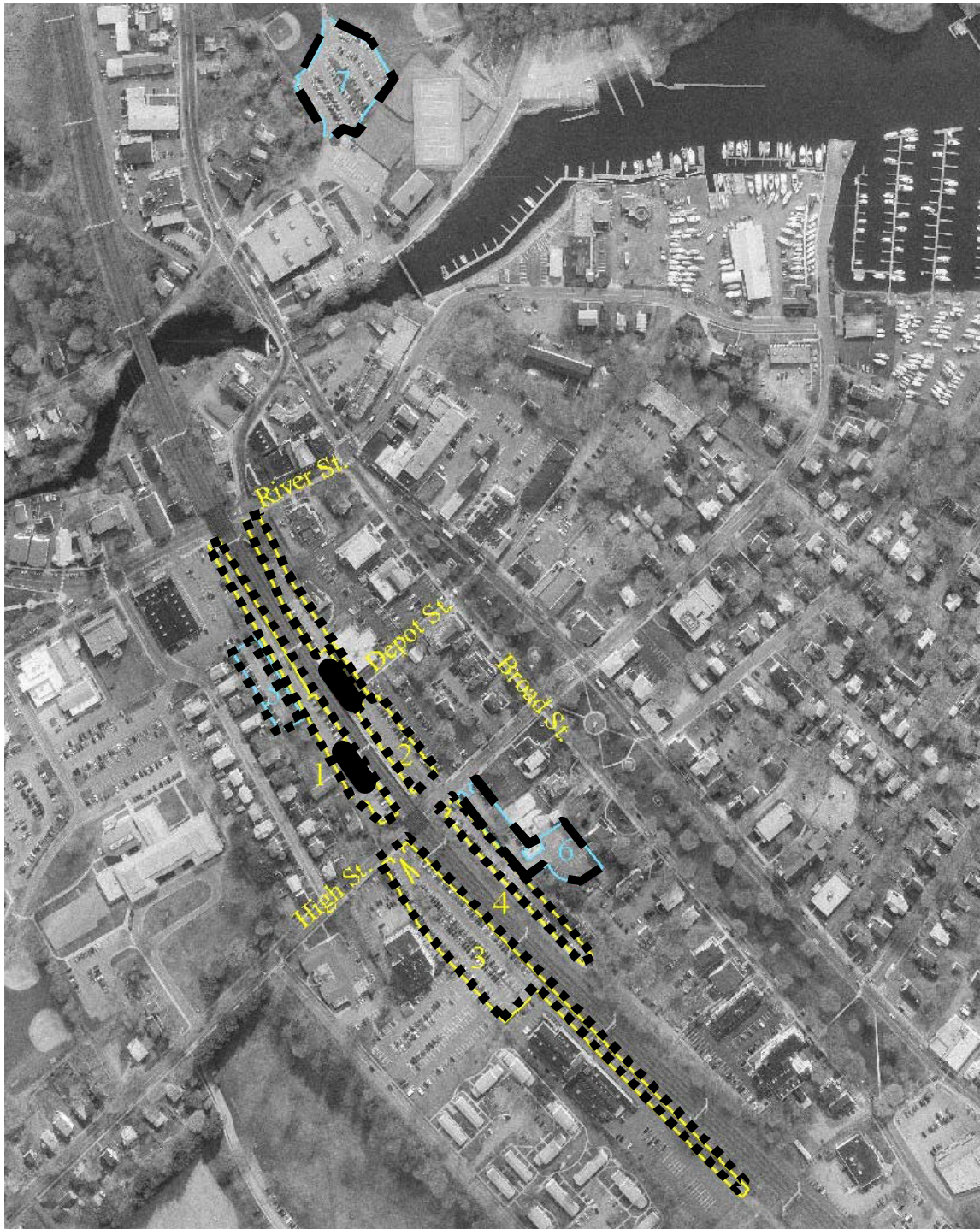


Upon the completion of construction activities this Fall, Milford Station will be one of the most modern and accessible facilities on the New Haven Line.




Maintenance Responsibilities:

Owner:	CDOT
Operator:	Milford Transit District
Platform Lights:	Town
Trash:	Town
Snow Removal:	Town
Shelter Glazing:	Town
Platform Canopy:	Town
Platform Structure:	Town
Parking:	Milford Transit District

Station Layout:



Aerial Photo by Aero-Metric, Inc. – Graphics by Urbitran as part of the Rail Governance Study

-  Station Building
-  State-Owned Parking Area
-  Privately-Owned Parking Area

Train Station Visual Inspection Parameters:

The Connecticut Department of Transportation (Department) recently inspected all 36 New Haven Line train stations to assess their appearance, safety, means of access and overall condition. Observations have been noted in an inspection report prepared for each station. The findings of these individual reports will be used to develop a Station Improvement Program. Initially, maintenance issues will be passed along to responsible parties for resolution. Soon after, a series of improvement projects will be recommended, followed by a long-term program of maintenance repairs and capital improvements.

The following station components were reviewed as part of the visual inspection process:

- **Highway Access** – While traveling to each station, inspectors observed the placement of trailblazing signage. In addition, they assessed the ease of locating appropriate station parking and drop-off areas. Typically, a green highway sign has been placed in advance of the proper exit for a particular train station. This sign notes the name of the station and commuter service operator. However, trailblazing signage at ramp termini or on secondary routes is typically missing or indistinguishable amid the clutter of other signs. Primary routes from the major roadways to each station need to be established and prominently identified. Conversely, trailblazing the return route is also required.
- **Parking** – This station reports cover signage, illumination and pavement condition issues within station parking areas. The Department and municipalities will address parking capacity and demand matters separate from this report.
- **Platforms** – Each station report details observations related to the general condition of the platforms, stairs, ramps, handrails and railings. The reports also incorporate the comments and recommendations of the Department's Connecticut Rail Station Governance Study - May 2005 (Governance Study) and High Level Platform Visual Inspection & Inventory. The latter inspection effort addresses only main line stations. The Department will inspect branch line platforms and canopies in the second phase of the high-level platform inspection program and incorporate the findings into future improvement projects
- **Canopies** – Each station report details observations relative to the general condition of any canopies located at the station. As noted under the Platform heading above, other studies have been referenced in presenting the findings for this component of the station.
- **Illumination** – The observations noted in each station report do not include a specific heading for illumination. Field visits occurred during daylight hours, thus inspectors could not assess the effectiveness of illumination in parking areas, along paths or on the platforms. Comments have been included in other headings relative to the number of fixtures, location and assumed coverage. This station report incorporates the comments of the Governance Study, where appropriate. However, the reports generally recommend that any first phase of station improvement include an evaluation of illumination levels in all areas of the stations and upgrade light fixtures, as necessary.

- **Painting** – As with illumination, the station inspection reports address painting issues under the appropriate headings.
- **Walks and Paths** – This station inspection report makes note of paved paths between parking areas, streets and station platforms. Where appropriate, general observations of the condition of the paths, vegetation, lighting, signage and stairways along the paths have been included.
- **Ticket Vending Machine (TVM)** – Metro-North has placed TVM's at most high volume stations. Where appropriate, this station report notes current locations. The Department and Metro-North plan to install at least one full service TVM at all main line and branch line stations. They will accomplish each of these installations based on ridership demands and funding availability.
- **Shelter** – Many platforms have shelters in lieu of adjacent waiting areas in station buildings. Typical Plexiglas or glass shelters protect waiting commuters from the elements. Many of these structures are similar to curbside shelters found along local bus routes. If appropriate, this report notes the location and general condition of platform shelters. It also addressed the need for new or additional protective structures.
- **Station Building** – The typical New Haven Line station building is a historic structure with a waiting room, rest room, and ticket office. Some have a coffee shop and/or newsstand. Where appropriate, observations have been incorporated into the station reports. Where station buildings were closed at the time of site visit, applicable findings of the Governance Study have been included in the report.
- **Taxi Stands and Bus Stops** – Taxis can physically access most station areas with the exception of parking garages and gated lots. Several stations have designated taxi stands. However, roadway geometry may limit bus access to most train stations. Stations with narrow parking aisles, tight turns or dead ends can accommodate bus patrons by placing bus stops on nearby streets. This report notes general taxi and bus accessibility issues.
- **Variable Message Sign (VMS)** – Every New Haven Line station has an audio PA system consisting of the typical “steel can” speaker or horn. The inspectors did not assess the regularity, audio levels or content of public announcements. These matters will continue to be addressed by the Department and station operators. Variable message signs or VMS provide a visual backup to audio announcements. These signs not only assist the hearing challenged. They also provide necessary train information over the din of large stations, nearby construction activities or noisy rail equipment. Currently, Metro-North is installing VMS at the designated “key” stations listed in the ADA section below. The Department and Metro-North intend to address visual messaging needs at all stations based on ridership demands and funding availability.

- **Signage** – This heading includes general observations of signs placed on platforms, along paths and in other areas of the station. Inspectors attempted to look at the signage as a first time or infrequent user. Their observations are noted in this report. In addition to observations noted within this topic, signage issues are addressed under the Highway Access and Parking headings.
- **Fence** – Nearly every station uses metal fencing beyond the platform ends to restrict unauthorized access to the tracks. Fencing has also been installed to secure parking areas, demarcate private property or cordon off potentially hazardous areas. Most locations employ a chain link fence, although occasional ornamental steel, cast iron or wood fences can be found. The condition of station fencing has been noted in this report.
- **Litter** – Litter may be the most conspicuous distraction at train stations. Patrons appreciate a well-maintained facility. For this report, inspectors have noted the general appearance of the station including areas under and behind platforms, along paths, around station buildings and in parking lots. It should be noted that these comments are depict the station condition only for the day of the site visit. It is assumed that station operators and Metro-North will continue to maintain the train stations to the high standards of the rail commuters.
- **Americans with Disabilities Act (ADA) Access:** The New Haven Line has its origins in the 19th Century, so many of the stations do not conform to the current ADA standards. Due to funding limitations, the Department cannot upgrade all New Haven Line stations at this time. Therefore, State and federal agencies have incorporated a “key station” upgrade program for twelve of the stations (Greenwich, Stamford, Darien, South Norwalk, Westport, Bridgeport, Milford, New Haven, New Canaan, Danbury, Waterbury, and the proposed Fairfield Metro Station). The remaining facilities will be upgraded over time. Meanwhile, the Department will continue to incorporate code compliant materials and practices into all of its current and planned station upgrades and improvements.
- **Amenities** –This inspection report addresses the inspectors’ observations of amenities placed around the stations. These may include items such as benches, trash cans, platform and stair railings, entrance signs, kiosks, vending areas, bike racks, station color schemes, clocks and light fixtures.
- **General Remarks** – General comments may be included at the conclusion of each observation report to address those matters that do not fall within the criteria of the above list of headings.

Observations – August 10, 2006:

Highway Access – Signage is provided on I95 to direct the motorist to the appropriate exit. However, local street trailblazing signs are sporadic. Access to the station was restricted by construction on the day of this site visit, so signage along the numerous approaches will have to be evaluated during the first phase of any station improvements.

Parking – Parking lots are spread around the area. Construction activities prevented a fair assessment of access and lighting issues. These too will need to be evaluated upon completion of construction.

Platforms – The platforms are in fair to very good condition. However, some of the repaired joints are cracking again. One stairway on the eastbound side has spalled areas.

Canopy – All platform and ramp canopies are new and in good condition. Illumination levels should be up to code.

Walks/Paths – Paths to and from the parking areas have been disturbed by construction activities, as have sidewalks around the station. These will have to be evaluated after the completion of construction.

Ticket Vending Machine (TVM) – There is a TVM on the westbound platform.

Shelter – There are no shelters on the platforms.

Station Building – The eastbound station building was closed at the time of this site visit. However, it was recently restored and should be in good condition. The westbound station building is the home of the Milford Center for the Arts.

Taxi Stand and Bus Access – Buses and taxis can access the eastbound side of the station and adjacent streets

Signage – Upon completion of construction activities, signage in and around the station should be evaluated.

Fences – Much of the fencing beyond the ends of the platforms is new. The east end of the eastbound platform has a black fence with a broken post or two. A chain link gate should be replaced with the black fence when it is determined that the gate is no longer needed.

Litter – Construction activities do not permit a fair evaluation of the cleanliness of the station. This should be looked at after the completion of construction.

Americans with Disabilities Act (ADA) Access – Most elements of the station are (or soon will be) ADA compliant. Several minor issues have been noted in the High Level Platform Visual Inspection Report.

Amenities (See Appendix A Photos)

- Kiosk: None
- Exterior Paint Theme: Gray
- Vending: Soda machines are located off the platform. There are several newspaper boxes on the platforms.
- Benches: All benches are compliant, however, several benches have loose seats.
- Railings: All railings are compliant.
- Light Fixtures: All fixtures are new and in working condition.
- Trash: New trash cans line the platforms and approaches.
- Bicycle Rack: None observed.
- Platform Clock: None

General Remarks – Construction activities prevent a fair evaluation of all aspects of this station. With construction expected to be completed by November 2006, Milford Station should be revisited to complete this visual inspection.

Recommended Repairs, Upgrades and Improvements:

At the urging of the Governor, the Department is establishing a program of repairs, upgrades and improvements to better the appearance, safety, and functionality of all 36 New Haven Line Stations. As a first step, the Department will continue to pass along all maintenance concerns to station operators for their immediate attention. The next step will be to have the Department and station operators upgrade station amenities. These might include benches, kiosks, railing, light fixtures, trash cans, bike racks, clocks and other common station elements. When funding becomes available, the Department will initiate a project to commence the upgrade of amenities at the stations.

With the cooperation of municipalities and Metro-North, the Department will review, categorize, and prioritize the findings listed under the Station Governance heading below. In addition, the recommendations of the High Level Platform Visual Inspection Report and the Connecticut Rail Governance Study will be considered. The resulting priority listing will include a number of projects to accomplish the repairs, upgrades and improvements needed to bring the New Haven Line Commuter Rail Service up to the commuters' expectations.

Finally, the Department anticipates that a number of major capital improvements may result from a comprehensive review of the findings of these station inspection reports. These might include the installation or extension of high-level platforms and canopies, the replacement or addition of shelters, and major ADA improvements. As noted earlier, the Department and individual municipalities will address parking issues separate from this report. However, these too may demand major capital investments. Finally, the recently completed Danbury Branch Feasibility Study and similar reports planned for the New Canaan and Waterbury Branches could lead to other capital improvements at some of the branch line stations.

The findings of this Visual Inspection Report and recommended solutions for station repairs, upgrades and improvements are listed below:

Maintenance Repairs:

- Repair broken fence beyond the east end of the eastbound platform. Replace chain link gate with black fence at the same location.

Amenity Upgrades:

- Add trailblazing signage on local roads.
- Add a station entrance sign at both ends of the station (High Street and River Street) and possibly at the end of Depot Street.
- Install a bike rack, if warranted.

Governance Improvements:

- Re-evaluate this station upon completion of current construction activities.
- Repair platform joints and spalled stairs.
- Address minor ADA issues noted in the High Level Platform Visual Inspection Report.

Major Capital Improvements:

- None at this time.

--- END OF REPORT NARRATIVE ---



Area between Platform and Station Building

APPENDIX A

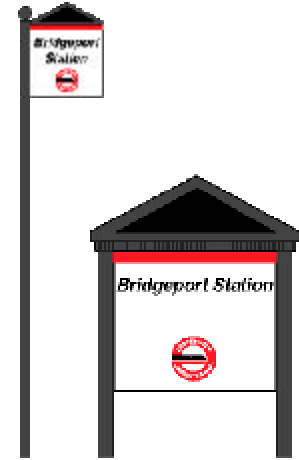
Examples of Amenities



Pole Mounted Lights



Kiosk (Historic)



Signs (Contemporary)



Bench (Contemporary) and Railing



Vending Shelter



Trash Can (Black preferred)



Bike Rack



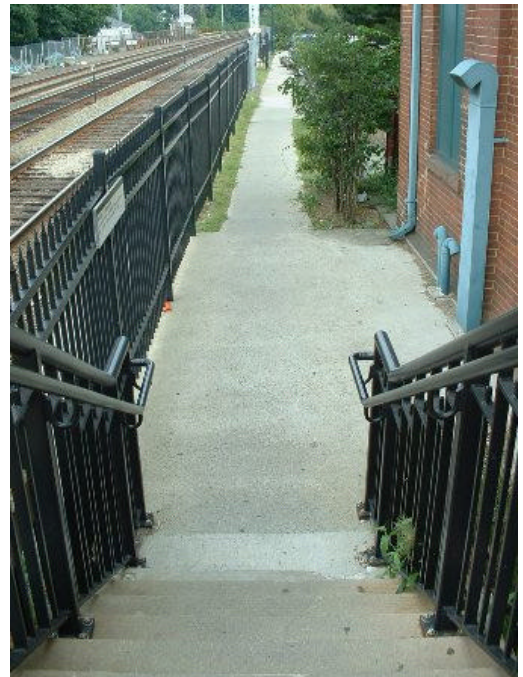
Typical Trailblazing Sign



New Landscaping around Canopy and Ramps



Old Eastbound Station Building



Path from Eastbound Platform