

CONNECTICUT  
DEPARTMENT  
OF  
TRANSPORTATION



CONDITION INSPECTION  
FOR THE  
NAUGATUCK STATION

GENERAL RECOMMENDATION 2

**CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION**

**INSPECTION RATING SCALE**

*The following rating scale is used for inspections:*

- 1- Totally deteriorated, or in failed condition.
- 2- Serious deterioration, or not functioning as originally designed.
- 3- Minor deterioration, but functioning as originally designed.
- 4- New condition. No deterioration.
- 5- Not applicable.
- 6- Condition and/or existence unknown.



STATION: Naugatuck  
LINE: Waterbury  
INSPECTION DATE: 11-17-01  
INSPECTION AGENCY / FIRM: UA  
INSPECTORS: JFS, WV, RGW  
WEATHER: Sunny

CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
SHEET 2 OF 21

**PARKING ELEMENTS**

**QUADRANT # 1**

TYPE OF SURFACE: asphalt x PAVED; \_\_\_\_\_ GRAVEL; \_\_\_\_\_ DIRT;  
\_\_\_\_\_ OTHER (DESCRIBE)

CONDITION OF PAVED SURFACE: 2

CONDITION OF STRIPING: 1

CONDITION OF BASIN / DRAINS / ETC: 5  
( FOR LOCATION SEE SHEET: \_\_\_\_\_ )

SIGNAGE: 5

FENCE AND GUARDRAIL: 5

LANDSCAPE: 2

SIDEWALK: 2

CURB: 3

**QUADRANT # 2**

TYPE OF SURFACE: asphalt x PAVED; \_\_\_\_\_ GRAVEL; \_\_\_\_\_ DIRT;  
\_\_\_\_\_ OTHER (DESCRIBE)

CONDITION OF PAVED SURFACE: 2

CONDITION OF STRIPING: 1

CONDITION OF BASIN / DRAINS / ETC: 5  
( FOR LOCATION SEE SHEET: \_\_\_\_\_ )

SIGNAGE: 5

FENCE AND GUARDRAIL: 5

LANDSCAPE: 2

SIDEWALK: 2

CURB: 3

STATION: Naugatuck  
LINE: Waterbury  
INSPECTION DATE: 11-17-01  
INSPECTION AGENCY / FIRM: UA  
INSPECTORS: JFS, WV, RGW  
WEATHER: Sunny

CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
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**PARKING ELEMENTS**

**QUADRANT # 3**

TYPE OF SURFACE: asphalt x PAVED; \_\_\_\_\_ GRAVEL; \_\_\_\_\_ DIRT;  
\_\_\_\_\_ OTHER (DESCRIBE)

CONDITION OF PAVED SURFACE: 2

CONDITION OF STRIPING: 1

CONDITION OF BASIN / DRAINS / ETC: 5  
( FOR LOCATION SEE SHEET: \_\_\_\_\_ )

SIGNAGE: 5

FENCE AND GUARDRAIL: 2

LANDSCAPE: 2

SIDEWALK: 3

CURB: 3



STATION: Naugatuck  
 LINE: New Haven-Waterbury Branch  
 INSPECTION DATE : February 11, 2002  
 INSPECTION AGENCY / FIRM: Parsons Brinckerhoff  
 INSPECTORS: Jim Connell & Dave Lang  
 TIME OF INSPECTION: A.M.  
 WEATHER: Cold & Clear

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 STATION INSPECTION REPORT  
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**PLATFORM --- SERVICE**

Voltage Rating (V)	120/240	Type of 3 phase connection		Delta	n/a	Wye	n/a
		Method of Entrance		Overhead	X	Underground	n/a
Rating of Main Breaker (A)	100A	Origin of Service		Pole	X	Transformer	n/a
		Code Compliant		Yes	X	No	n/a
Quantity of Phases	1	Pole Number & Street	CL&P 7874 parking lot	Wire Sizes	unknown		

Remarks: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**PLATFORM --- ELECTRICAL SYSTEMS**

Electrical Device	Manufacturer	Model Number	Rating	Location	Estimated Age/Life(y/y)	Visual Condition
Main Distribution Panel	GE	TM1210RCU	3	parking lot	3/ 20	minor deterioration
Main Disconnect Switch	n/a	n/a	n/a	n/a	n/a	n/a
Transformer	n/a	n/a	n/a	n/a	n/a	n/a
Receptacles	n/a	n/a	n/a	n/a	n/a	n/a
Grounding	unknown	unknown	unknown	unknown	unknown	unknown
Lighting Controls	unknown	unknown	3	mounted on panel	3/ 20	minor deterioration
Public Telephone	n/a	n/a	n/a	n/a	n/a	n/a
Station Telephone	n/a	n/a	n/a	n/a	n/a	n/a

Remarks: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

STATION: Naugatuck

CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
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INSPECTORS: Jim Connell & Dave Lang

DATE: February 11, 2002

**STATION PLATFORM --- ELECTRICAL AND LIGHTING SUMMARY**

The electrical service supplies power to a panelboard via a meter for this platform power source. Since the panelboard is not locked, we recommend that a padlock be placed on it to allow only authorized personnel to gain access. The panelboard is well preserved in the enclosure and will adequately serve the platform power needs for the near future. There are no receptacles or lights on the platform. There is a light pole adjacent to the platform with two metal halide fixtures on it. One of these fixtures is aimed at the platform and provides luminance to the general area around the pole. However, the floodlight provides an average of only 2.4 foot-candles to the platform, which is less than the minimum as recommended by the IESNA. We recommend that additional luminaires be installed to increase the average light level to be at least the minimum of 5 foot-candles as recommended by the IESNA.





STATION: Naugatuck

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STATION INSPECTION REPORT  
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INSPECTORS: D. Lang

DATE: February 11, 2002

**STATION – MECHANICAL SUMMARY**

There are two small shelters with plastic curbed roofs. There are no gutters or downspouts.  
There is no maintenance required.

STATION: Naugatuck  
LINE: New Haven-Waterbury Branch  
INSPECTION DATE: April 3, 2002  
INSPECTION AGENCY/FIRM: Warren & Panzer Engineers  
INSPECTOR: Josue Garcia/Bosun Ogunnaike  
WEATHER: Good

CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
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## HAZARDOUS MATERIALS INSPECTION

### LEAD-BASED PAINT

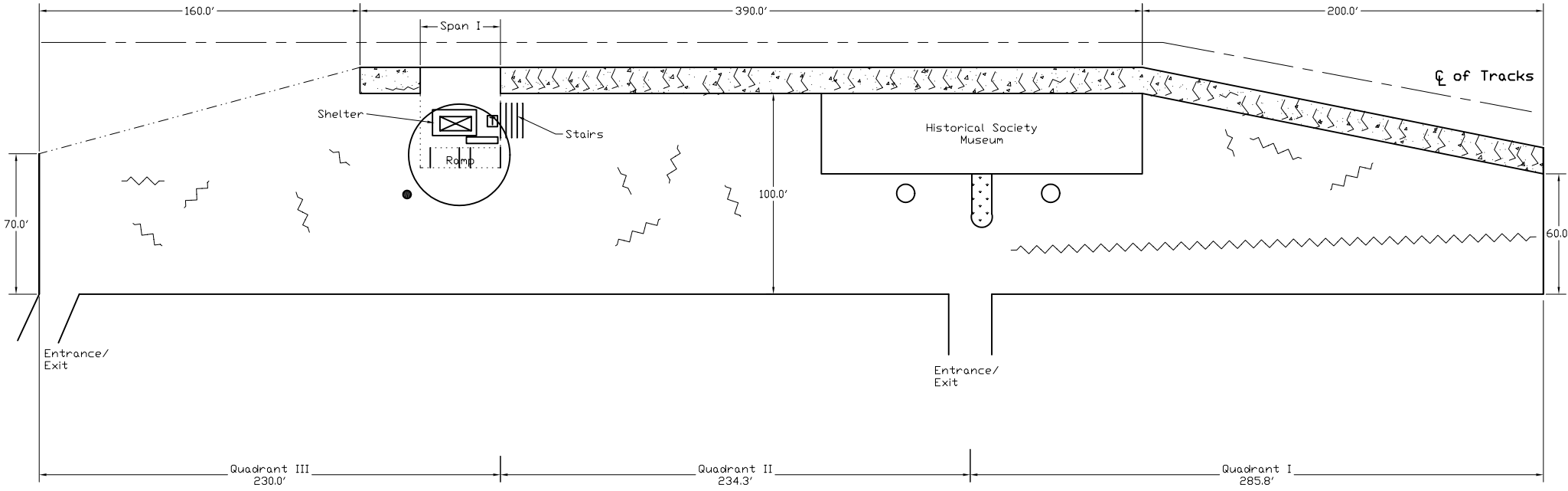
Note: The LBP inspection was conducted using an RMD LPA-1 spectrum X-Ray Fluorescence Analyzer (XRF). The Department of Housing and Urban Development (HUD) recommend XRF analysis for inspection of lead in paint. XRF readings were taken of surfaces coated with suspect LBP. The XRF was operated in "Quick Mode" for this project. In Quick Mode, the measurement time is determined by the LPA-1 Analyzer to achieve a 95% confidence measurement compared to an action level (1.0 mg/cm<sup>2</sup>).

#### Platform

Surfaces Tested	# of Locations Tested	Lead Presence (>1 mg/cm <sup>2</sup> )	Rating
Platform Railing	2	No	4
Steps	1	No	3
Telephone Booth	2	No	3
Platform Warning Strip	4	No	3

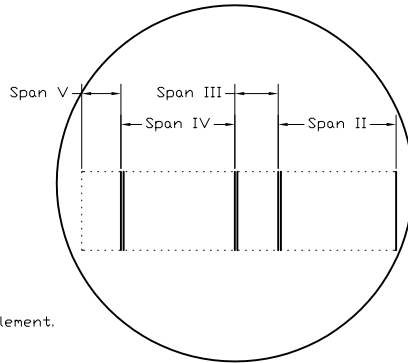
### SUSPECT ASBESTOS-CONTAINING MATERIALS

No suspect asbestos-containing materials were observed during the visual inspection.



- Legend:
- Fence
  - Guard Railing
  - Pedestrian Railing
  - Cracks
  - Grass
  - Sidewalk
  - Sanitary Manhole
  - Electric Pole
  - Wood Joint
  - Sign
  - Bench
  - Trash

- NOTES:
1. The asphalt sidewalk contains numerous cracks and uneven settlement.
  2. The asphalt surface in Quad I exhibits numerous cracks and an uneven driving surface.
  3. The asphalt surface in Quad II and III exhibits numerous cracks.



Urbitran Associates, Inc.
Connecticut Dept. of Transportation
Naugatuck Station General Plan
Date: 11-19-01



CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
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PHOTO NO. 1

Location:  
West of the platform

Description:  
General view of the platform

Reference:  
Looking east



PHOTO NO. 2

Location:  
East side of the platform

Description:  
General view of the asphalt sidewalk in Quad I and II

Reference:  
Looking south



STATION: Naugatuck  
INSPECTORS: JFS, WV, RGW

CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
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PHOTO NO. 3

Location: \_\_\_\_\_  
South end of Quad I

Description: \_\_\_\_\_  
General view of the  
parking lot  
Note the cracks with  
vegetation growth

Reference: \_\_\_\_\_  
Looking north



PHOTO NO. 4

Location: \_\_\_\_\_  
North end of the Quad III

Description: \_\_\_\_\_  
General view of the  
parking lot

Reference: \_\_\_\_\_  
Looking south



STATION: Naugatuck  
INSPECTORS: JFS, WV, RGW



CONN. DEPT OF TRANSPORTATION  
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PHOTO NO. 5

Location: \_\_\_\_\_  
Middle of the west side  
of parking lot

Description: \_\_\_\_\_  
General view of the  
parking lot

Reference: \_\_\_\_\_  
Looking southeast



PHOTO NO. 6

Location: \_\_\_\_\_  
Middle of the west side  
of parking lot

Description: \_\_\_\_\_  
General view of the  
parking lot

Reference: \_\_\_\_\_  
Looking northeast



STATION: Naugatuck  
INSPECTORS: JFS, WV, RGW



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PHOTO NO. 7

Location: Middle of the ramp

Description: The railing is corroded throughout

Reference: Looking east



PHOTO NO. 8

Location: East side of the platform

Description: The east side of the platform is uneven by approximately 1" which is a tripping hazard

Reference: Looking down and east



STATION: Naugatuck  
INSPECTORS: JFS, WV, RGW

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STATION INSPECTION REPORT  
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PHOTO NO. 9

Location: East of the museum

Description: Typical cracks and uneven surface along the asphalt sidewalk

Reference: Looking south



PHOTO NO. 10

Location: Southeast corner of Quad I

Description: Striping is faded; asphalt surface is cracked with vegetation growing thru the cracks; note accumulation of leaves

Reference: Looking north



STATION: Naugatuck

INSPECTORS: JFS, WV, RGW



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STATION INSPECTION REPORT  
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PHOTO NO. 11

Location: \_\_\_\_\_  
North of the platform

Description: \_\_\_\_\_  
The guard rail in Quad III  
is not plumb

Reference: \_\_\_\_\_  
Looking north



PHOTO NO. 12

Location: \_\_\_\_\_  
North end of Quad III

Description: \_\_\_\_\_  
The guard rail in Quad III  
is not plumb

Reference: \_\_\_\_\_  
Looking south



STATION: Naugatuck  
INSPECTORS: JFS, WV, RGW

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STATION INSPECTION REPORT  
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PHOTO NO. 13

Location:  
platform

Description:  
overall picture  
of the entire  
platform

Reference:  
Platform Electrical  
Systems Section



PHOTO NO. 14

Location:  
adjacent to  
platform

Description:  
electrical service  
enclosure

Reference:  
Platform Service  
Section



STATION: Naugatuck  
INSPECTORS: Jim Connell & Dave Lang

CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
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PHOTO NO. 15

Location:  
parking lot

Description:  
parking lot/platform  
lighting and  
speaker

Reference:  
Platform Lighting  
Section



STATION: Naugatuck

INSPECTORS: Jim Connell & Dave Lang



CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
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PHOTO NO. 16

Location:  
NAUGATUCK  
STATION

Description:  
Platform shelter

Reference:  
Mechanical

PHOTO NO. \_\_\_\_\_

Location: \_\_\_\_\_

Description: \_\_\_\_\_

Reference: \_\_\_\_\_



STATION: NAUGATUCK

INSPECTORS: D. Lang

**Naugatuck Station**

Description	Units	Quantity	Price / Unit	Total Cost
<u>Replacing asphalt sidewalk</u>				
-Remove asphalt (6")	yd <sup>3</sup>	110.00	\$22.00	\$2,420.00
-Installing asphalt (6" layer)	yd <sup>2</sup>	660.00	\$25.00	\$16,500.00
<u>Replacing asphalt pavement</u>				
-Remove asphalt	yd <sup>3</sup>	2825.00	\$22.00	\$62,150.00
-6" asphalt top course and binder course	yd <sup>2</sup>	7825.00	\$25.00	\$195,625.00
-7" aggregate base	yd <sup>3</sup>	1521.00	\$20.00	\$30,420.00
<u>Replacing the guard rail</u>				
-Remove the guard rail	ft	160.00	\$22.00	\$3,520.00
-Install the guard rail	ft	160.00	\$2.00	\$320.00
Stripping *	ft	2700.00	\$1.00	\$2,700.00
Install luminaires with 40' poles **	Each	2.00	\$3,750.00	\$7,500.00
Mobilization / Demobilization (10%)				\$32,115.50
Sub-total				\$353,270.50
Contingency (20%)				\$70,654.10
Grand Total				\$423,924.60
Say				\$425,000.00

\* Stripping quantity is based upon 60 parking spaces as per the "1997 New Haven Line and Shore Line East Parking Inventory".

\*\* The quantity of platform luminaires required to bring lighting up to recommended levels is an order-of-magnitude estimate. Performance of a lighting design is required to develop a precise quantity estimate.