

CONNECTICUT  
DEPARTMENT  
OF  
TRANSPORTATION



CONDITION INSPECTION  
FOR THE  
WATERBURY STATION

GENERAL RECOMMENDATION 3

**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: Waterbury  
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 19

### PARKING ELEMENTS

#### QUADRANT # 1

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

CONDITION OF PAVED SURFACE: 4

CONDITION OF STRIPING: 5

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

SIGNAGE: 5

FENCE AND GUARDRAIL: 5

LANDSCAPE: 2

SIDEWALK: 5

CURB: 5

#### QUADRANT # 2

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

CONDITION OF PAVED SURFACE: 3

CONDITION OF STRIPING: 2

CONDITION OF BASIN / DRAINS / ETC: 2  
( FOR LOCATION SEE SHEET: see sketch )

SIGNAGE: 4

FENCE AND GUARDRAIL: 4

LANDSCAPE: 3

SIDEWALK: 5

CURB : 3

STATION: Waterbury  
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 3 OF 19

**PARKING ELEMENTS**

**QUADRANT # 3**

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

CONDITION OF PAVED SURFACE: 4

CONDITION OF STRIPING: 5

CONDITION OF BASIN / DRAINS / ETC: 2  
( FOR LOCATION SEE SHEET: see sketch )

SIGNAGE: 4

FENCE AND GUARDRAIL: 4

LANDSCAPE: 3

SIDEWALK: 5

CURB: 3

**QUADRANT #**

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

CONDITION OF PAVED SURFACE: \_\_\_\_\_

CONDITION OF STRIPING: \_\_\_\_\_

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

SIGNAGE: \_\_\_\_\_

FENCE AND GUARDRAIL: \_\_\_\_\_

LANDSCAPE: \_\_\_\_\_

SIDEWALK: \_\_\_\_\_

CURB : \_\_\_\_\_

STATION: Waterbury  
 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 with Light Rain

CONN. DEPT OF TRANSPORTATION  
 STATION INSPECTION REPORT  
 SHEET 4 OF 19

**PLATFORM --- LIGHTING**

Span Number	Fixture Type	Manufacturer	Model Number	Rating	Support Condition	Estimated Age/Life(y/y)	Visual Condition
all	HID-HPS	Holophane	unknown	3	3	5/ 20	minor deterioration

Remarks: A typical section of the platform was measured at the location indicated and found to average  
6.49 fc.  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**PLATFORM --- LIGHTING LEVELS (fc)**

TRACKS----{

see remarks	see remarks	avg 6.49	see remarks	see remarks	see remarks
NORTHBOUND/SOUTHBOUND PLATFORM					

STATION: Waterbury  
 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 with Light Rain

CONN. DEPT OF TRANSPORTATION  
 STATION INSPECTION REPORT  
 SHEET 5 OF 19

**PLATFORM --- SERVICE**

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

Remarks: Electricity to the platform originates from the former station building and terminates in a locked electrical enclosure. We were unable to gain access to the enclosure to verify the exact size and condition of the panelboard.

**PLATFORM --- ELECTRICAL SYSTEMS**

Electrical Device	Manufacturer	Model Number	Rating	Location	Estimated Age/Life(y/y)	Visual Condition
Main Distribution Panel	unknown	unknown	unknown	adjacent to platform	unknown	unknown
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	unknown	unknown	3	platform	5/ 20	minor deterioration
Grounding	unknown	unknown	3	platform	5/ 20	minor deterioration
Lighting Controls	unknown	unknown	unknown	platform	unknown	unknown
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: One receptacle is missing a cover.

STATION: Waterbury

CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
SHEET 6 OF 19

INSPECTORS: Jim Connell & Dave Lang

DATE: February 11, 2002

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

There is a locked pedestal type electrical cabinet that contains the main electrical panelboard for the platform. We were unable to gain access to this cabinet to verify the exact size and condition of the panelboard. However, the cabinet has only minor deterioration, is well maintained, and appears to be protecting the electrical equipment from harm.

There are several GFCI type receptacles located on the platform that comply with the NEC. However, one receptacle does not meet the NEC because the cover is missing. This cover should be replaced and brought to an acceptable condition.

A canopy covers the entire length of the platform. The luminaires are installed under the canopy and are high-pressure sodium. The platform luminaires maintain an average of 6.49 foot-candles, which exceed the minimum light level as recommended by the IESNA.





STATION: Waterbury

CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
SHEET 8 OF 19

INSPECTORS: D. Lang

DATE: February 11, 2002

**STATION - MECHANICAL SUMMARY**

All gutters are painted, galvanized sheet metal in good repair. The downspouts are painted, galvanized sheet metal in good repair. The downspouts are occurring at construction joints. There is no need for maintenance.

STATION: Waterbury  
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  
SHEET 9 of 19

## 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
Canopy Columns	1	No	4
Gutter	2	No	3
Canopy Deck	1	No	3
Telephone Booth	2	No	3
Platform Warning Strip	4	No	3
Canopy Beams	2	No	4

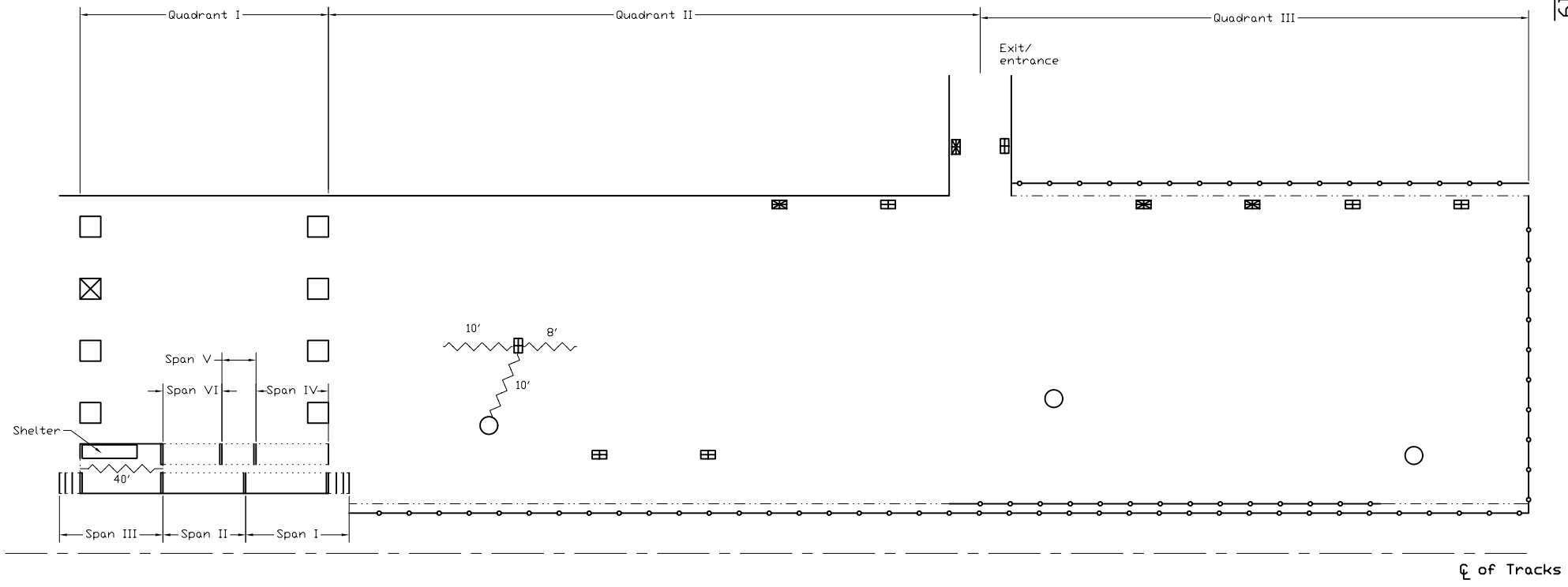
### SUSPECT ASBESTOS-CONTAINING MATERIALS

Listed below are suspect asbestos-containing materials that were observed during a visual inspection. Materials were found to be in good to fair condition. Any future disturbance of these materials should be preceded by the collection of samples and laboratory analysis of these samples. This work must be performed by a certified inspector

#### Platform

Suspect Materials	Rating
Platform Seam Caulking	3

N ←



- Legend:
- Fence
  - Concrete Barrier
  - — — — — Guard Rail
  - ..... Pedestrian Railing
  - ~~~~~ Cracks
  - Sanitary Manhole
  - ▣ Drain
  - ▣ Drain covered with vegetation and garbage
  - Joint
  - Planter
  - ⊗ Planter with dead vegetation

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



CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
SHEET 12 OF 19

PHOTO NO. 1

Location: \_\_\_\_\_  
North end of the station

Description: \_\_\_\_\_  
General view of the station

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



PHOTO NO. 2

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

Description: \_\_\_\_\_  
General view of the station

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



STATION: Waterbury  
INSPECTORS: JFS, WV, RGW

CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
SHEET 13 OF 19

PHOTO NO. 3

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

Description: \_\_\_\_\_  
General view of the platform

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



PHOTO NO. 4

Location: \_\_\_\_\_  
South end of Span III

Description: \_\_\_\_\_  
Cracked concrete in span III

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



STATION: Waterbury  
INSPECTORS: JFS, WV, RGW

CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
SHEET 14 OF 19

PHOTO NO. 5

Location: \_\_\_\_\_  
Westside of Quad II

Description: \_\_\_\_\_  
Faded stripping in  
Quad II

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



PHOTO NO. 6

Location: \_\_\_\_\_  
East side of Quad II

Description: \_\_\_\_\_  
Drain covered with  
leaves and garbage  
Note that this is typical  
in Quad II and III

Reference: \_\_\_\_\_  
Looking east



STATION: Waterbury  
INSPECTORS: JFS, WV, RGW



CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
SHEET 15 OF 19

PHOTO NO. 7

Location: \_\_\_\_\_  
East side of Quad II

Description: \_\_\_\_\_  
General view of the  
landscape in Quad II

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



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

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

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

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

**PASTE PHOTO HERE**

STATION: Waterbury  
INSPECTORS: JFS, WV, RGW

CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
SHEET 16 OF 19

PHOTO NO. 8

Location:  
adjacent to  
platform

Description:  
electrical  
enclosure

Reference:  
Platform Service  
Section



PHOTO NO. 9

Location:  
platform

Description:  
platform lighting

Reference:  
Platform Lighting  
Section



STATION: Waterbury  
INSPECTORS: Jim Connell & Dave Lang

CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
SHEET 17 OF 19

PHOTO NO. 10

Location:  
WATERBURY  
STATION

Description:  
View of Platform

Reference:  
Mechanical



STATION: WATERBURY  
INSPECTORS: D. Lang



CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
SHEET 18 OF 19

PHOTO NO. 11

Location:  
WATERBURY  
STATION

Description:  
Platform Gutters  
& Downspouts

Reference:  
Mechanical



STATION: WATERBURY  
INSPECTORS: D. Lang

<b>Waterbury Station</b>				
Description *	Units	Quantity	Price / Unit	Total Cost
Sub-total				0.00
Contingency (10%)				0.00
Grand Total				0.00

\* The extent of deterioration noted during our inspection is minimal and does not require immediate repair. The type of extent of deterioration will not affect the station operations or commuters. Therefore, we recommend the that defects noted in this report be included in a future station maintenance rehabilitation contract.