

CONNECTICUT
DEPARTMENT
OF
TRANSPORTATION



CONDITION INSPECTION
WEST REDDING 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: West Redding
LINE: Danbury
INSPECTION DATE: 12-8-01
INSPECTION AGENCY / FIRM: UA
INSPECTORS: WV, RGW
WEATHER: Sunny, 55

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
SHEET 2 OF 23

PARKING ELEMENTS

QUADRANT # 1

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

CONDITION OF PAVED SURFACE: 3

CONDITION OF STRIPING: 3

CONDITION OF BASIN / DRAINS / ETC: 3
(FOR LOCATION SEE SHEET: see sketch)

SIGNAGE: 3

FENCE AND GUARDRAIL: 2

LANDSCAPE: 3

SIDEWALK: 3

CURB: 3

STATION: West Redding

LINE: New Haven-Danbury Branch

INSPECTION DATE : January 24, 2002

INSPECTION AGENCY / FIRM: Parsons Brinckerhoff

INSPECTORS: Jim Connell & Dave Lang

TIME OF INSPECTION: P.M.

WEATHER: Clear

CONN. DEPT OF TRANSPORTATION

STATION INSPECTION REPORT

SHEET 3 OF 23

PLATFORM --- LIGHTING

Span Number	Fixture Type	Manufacturer	Model Number	Rating	Support Condition	Estimated Age/Life(y/y)	Visual Condition
all	4 ft fluorescent (2 lamp)	unknown	unknown	3	3	1/ 10	minor deterioration

Remarks: A typical section of the platform was measured at the location indicated and found to average 9.3 fc.

Two of the fixtures have broken lenses.

PLATFORM --- LIGHTING LEVELS (fc)

TRACKS---{

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

see remarks	see remarks	see remarks	see remarks	avg 9.3	see remarks
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NORTHBOUND/SOUTHBOUND PLATFORM

STATION: West Redding
 LINE: New Haven-Danbury Branch
 INSPECTION DATE : January 24, 2002
 INSPECTION AGENCY / FIRM: Parsons Brinckerhoff
 INSPECTORS: Jim Connell & Dave Lang
 TIME OF INSPECTION: P.M.
 WEATHER: Clear

CONN. DEPT OF TRANSPORTATION
 STATION INSPECTION REPORT
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PLATFORM --- SERVICE

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

Remarks: We were unable to gain access to the electrical service enclosure to verify the size and condition of the main panelboard. However, the platform appears to be relatively new.

PLATFORM --- ELECTRICAL SYSTEMS

Electrical Device	Manufacturer	Model Number	Rating	Location	Estimated Age/Life(y/y)	Visual Condition
Main Distribution Panel	unknown	unknown	unknown	parking lot	1/ 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	unknown	unknown	3	platform	1/ 20	minor deterioration
Grounding	unknown	unknown	3	platform	1/ 20	minor deterioration
Lighting Controls	unknown	unknown	3	platform	1/ 20	minor deterioration
Public Telephone	unknown	unknown	n/a	parking lot	unknown	operational
Station Telephone	n/a	n/a	n/a	n/a	n/a	n/a

Remarks: _____

STATION: West Redding

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STATION INSPECTION REPORT
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INSPECTORS: Jim Connell & Dave Lang

DATE: January 24, 2002

STATION PLATFORM --- ELECTRICAL AND LIGHTING SUMMARY

The platform is relatively new including the electrical cabinet mounted adjacent to the platform. We were unable to gain access to the locked electrical cabinet to visually inspect the main panelboard, but the cabinet is new, probably with a new panelboard inside. There are several GFCI type receptacles located on the platform and are all in a good working condition.

The platform is illuminated with two-lamp fluorescent fixtures that are all completely sealed from the weather except for two. These two fixture lenses should be replaced. The fixtures maintain an average of 9.3 foot-candles on the platform and exceed the IESNA recommended minimum for platform lighting.

STATION: West Redding
 LINE: New Haven - Danbury Line
 INSPECTION DATE : January 23, 2002
 INSPECTION AGENCY / FIRM: Parsons Brinckerhoff
 INSPECTORS: J. Duncan & T. Abrahamson
 TIME OF INSPECTION: P.M.
 WEATHER: Cold & Drizzle

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 STATION INSPECTION REPORT
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PLATFORM - PLUMBING

SPAN NO.	GUTTER	DOWNSPOUT/ PIPING	CLEAN-OUTS	SPAN NO.	GUTTER	DOWNSPOUT/ PIPING	CLEAN-OUTS
All	Solid metal (welded) gutters with PVC pipes within formed downspouts are new and in excellent condition.						

PLATFORM - FIXTURES--N/A

SPAN #: _____
 MODEL: _____
 YEAR: _____
 MANUFACTURER: _____
 CONDITION: _____

SPAN #: _____
 MODEL: _____
 YEAR: _____
 MANUFACTURER: _____
 CONDITION: _____

SPAN #: _____
 MODEL: _____
 YEAR: _____
 MANUFACTURER: _____
 CONDITION: _____

STATION: West Redding
 LINE: New Haven-Danbury Branch
 INSPECTION DATE: April 4, 2002
 INSPECTION AGENCY/FIRM: Warren & Panzer Engineers
 INSPECTORS: 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/cm2).

Platform

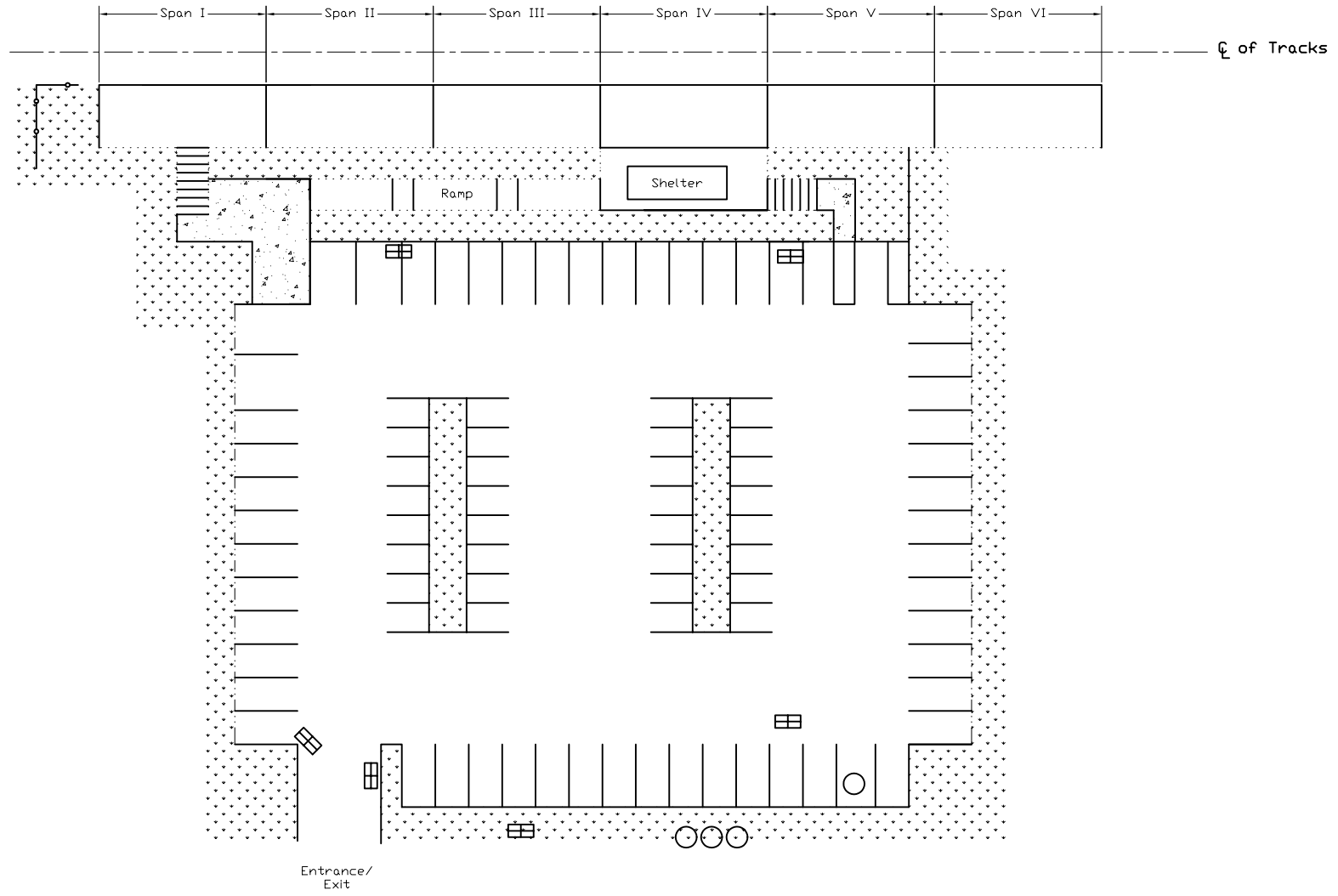
Surfaces Tested	# of Locations Tested	Lead Presence (>1 mg/cm2)	Rating
Canopy Columns	3	No	4
Canopy Beams	1	No	4
Telephone Booth	1	No	4

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 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.

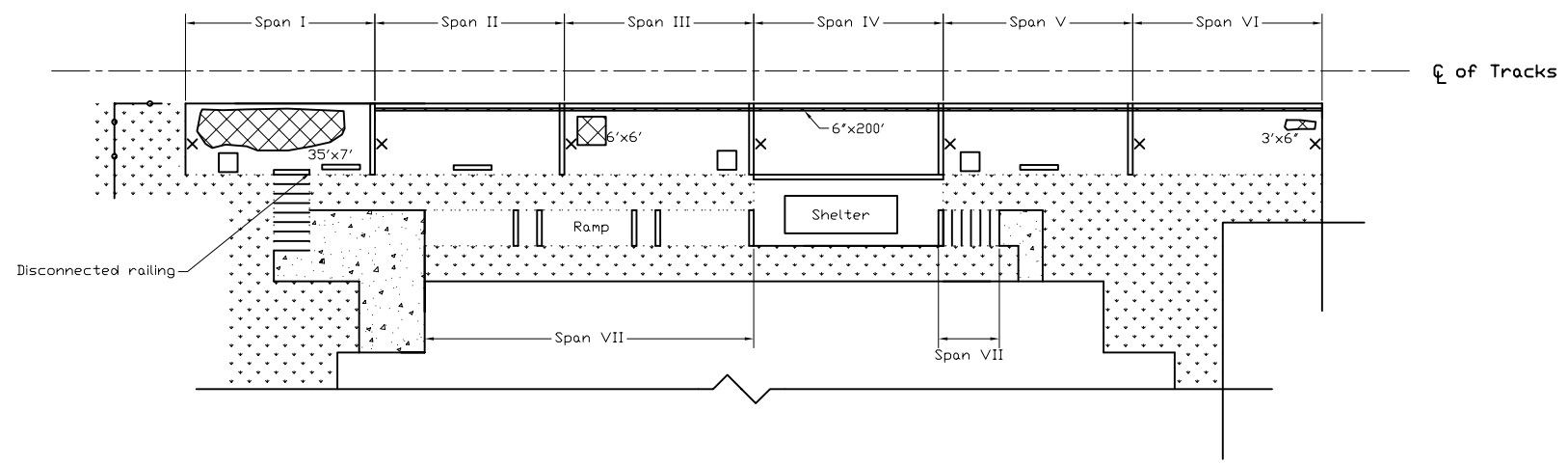
Platform

Suspect Materials	Rating
Platform Caulking	3
Roof Shingles	3



- Legend:
- Fence
 - Guard Railing
 - Pedestrian Railing
 - Grass
 - Sidewalk
 - Drain
 - Manhole

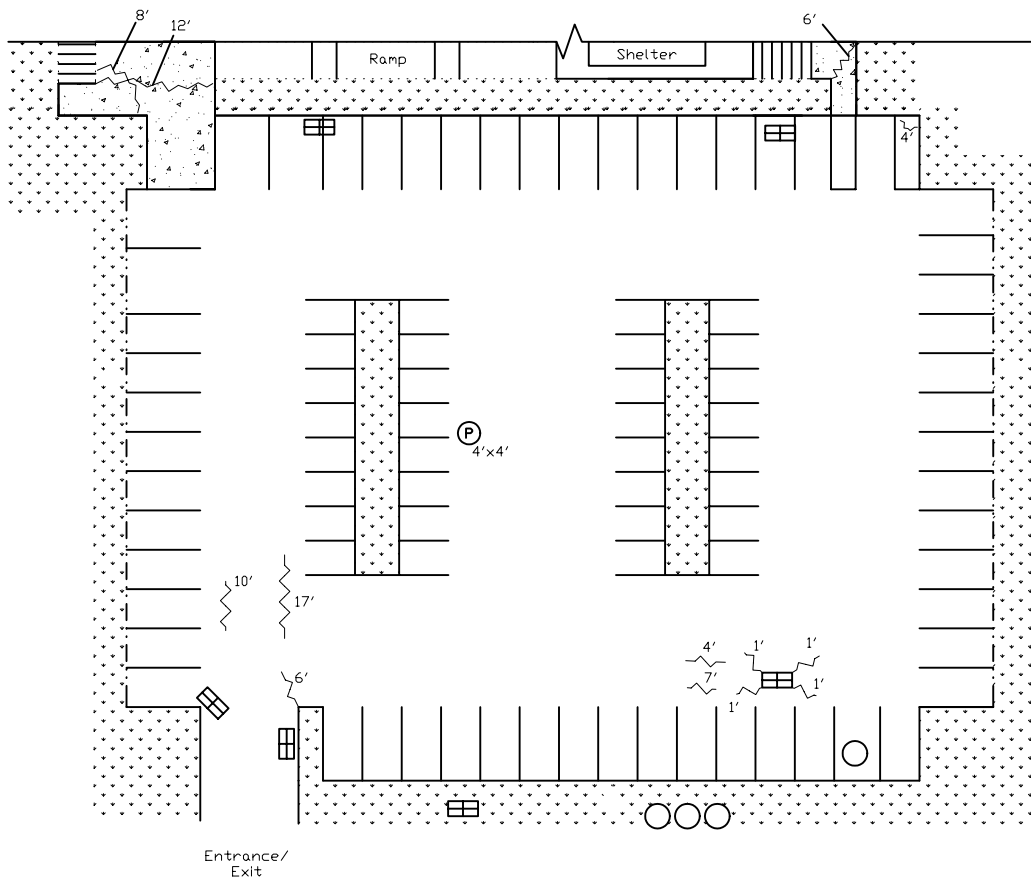
Urbitran Associates, Inc.
Connecticut Dept. of Transportation
West Redding Station General Plan
Date: 12-12-01



- Legend:
- Fence
 - Pedestrian Railing
 - Cracks
 - Grass
 - Sidewalk
 - Concrete Scaling
 - Column
 - Joint
 - Sign
 - Trashcan

- NOTES:
1. 1'x3' area that contains cracked and broken concrete at the bottom of the North end of the double-tee.
 2. 2'x6'x6' section that contains cracked and broken concrete at the bottom of the South end of the double-tee.
 3. Hairline crack around the perimeter of the South end footing (The perimeter = 90')
 4. The concrete under the 30'x10' shelter exhibits a rough surface with minor holes.

Urbitran Associates, Inc.
Connecticut Dept. of Transportation
West Redding Station Platform Plan
Date: 12-12-01



Legend:

- Guard Railing (Wooden)
- Pedestrian Railing
- ~~~~~ Cracks
- [Grass Pattern] Grass
- [Sidewalk Pattern] Sidewalk
- Sanitary Manhole
- [Grid Pattern] Drain
- Ⓟ Ponding Water

NOTES:

1. The wooden post of the wooden guard rails exhibit centerline cracks running up and down each face.

Urbitran Associates, Inc.

Connecticut Dept. of
Transportation

West Redding Station
Quadrant I Plan

Date: 12-12-01

CONN. DEPT OF TRANSPORTATION
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PHOTO NO. 1

Location: _____
North end of the
platform

Description: _____
General view of Quad I

Reference: _____
Looking southwest



PHOTO NO. 2

Location: _____
South end of the
platform

Description: _____
General view of Quad I

Reference: _____
Looking northwest



STATION: West Redding Station
INSPECTORS: WV, RGW

CONN. DEPT OF TRANSPORTATION
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PHOTO NO. 3
Location: West side of Quad I
Description: General view of Quad I
Reference: Looking east



PHOTO NO. 4
Location: East side of Quad I
Description: General view of Quad I; ponding (4'x4')
Reference: Looking west



STATION: West Redding Station
INSPECTORS: WV, RGW

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
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PHOTO NO. 5

Location:
Middle of Span III

Description:
General view of the platform

Reference:
Looking north

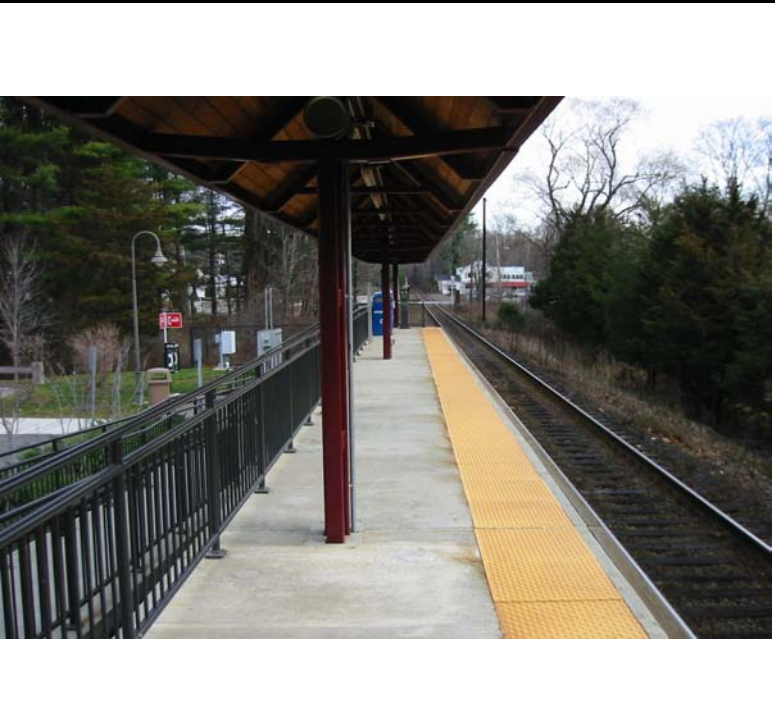
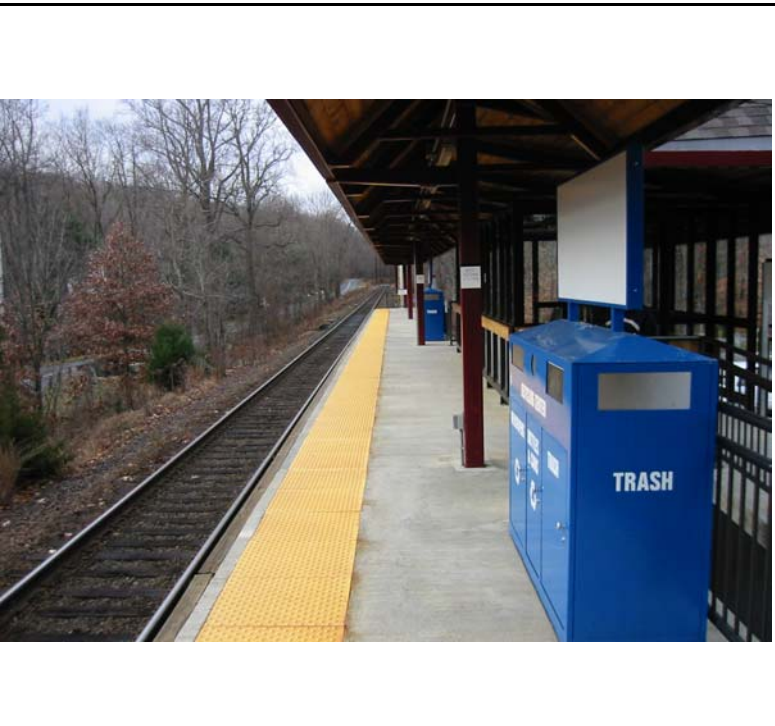


PHOTO NO. 6

Location:
Middle of Span III

Description:
General view of the platform

Reference:
Looking south



STATION: West Redding Station
INSPECTORS: WV, RGW

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PHOTO NO. 7

Location:
North end of the platform

Description:
General view of the canopy above the platform

Reference:
Looking south



PHOTO NO. 8

Location:
Under Span IV

Description:
General view of the underside of the double-tee

Reference:
Looking north



STATION: West Redding Station
INSPECTORS: WV, RGW

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
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PHOTO NO. 9

Location:
East of the stairs in
in Span I

Description:
Disconnected railing

Reference:
Looking southwest



PHOTO NO. 10

Location:
Span V

Description:
Typical minor concrete
scaling

Reference:
Looking north



STATION: West Redding Station
INSPECTORS: WV, RGW

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
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PHOTO NO. 11

Location:
South of the station
house

Description:
6' concrete crack

Reference:
Looking east



PHOTO NO. 12

Location:
West of the south end
footing

Description:
A section of concrete
located at the bottom of
the double tee is spalled;
Note that there is a
similar condition on
the east side and north
end of the double-tee

Reference:
Looking east



STATION: West Redding Station
INSPECTORS: WV, RGW

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STATION INSPECTION REPORT
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PHOTO NO. 15
Location:
North side of Quad I
Description:
Vertical crack that extends top to bottom of the south face of the timber post; typical for all faces and posts
Reference:
Looking north



PHOTO NO. 16
Location:
North side of Quad I
Description:
Vertical crack that extends top to bottom of the west face of the timber post; typical for all faces and posts
Reference:
Looking west



STATION: West Redding Station
INSPECTORS: WV, RGW

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
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PHOTO NO. 17
Location: Northwest corner of Quad I
Description: 17' and 6" asphalt crack
Reference: Looking east



PHOTO NO. 18
Location: West side of Quad I
Description: Minor cracks surrounding the drain
Reference: Looking east



STATION: West Redding Station
INSPECTORS: WV, RGW

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
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PHOTO NO. 20

Location:
adjacent to
parking lot

Description:
electrical service
enclosure

Reference:
Platform Service
Section



PHOTO NO. 21

Location:
platform

Description:
platform lighting

Reference:
Platform Lighting
Section



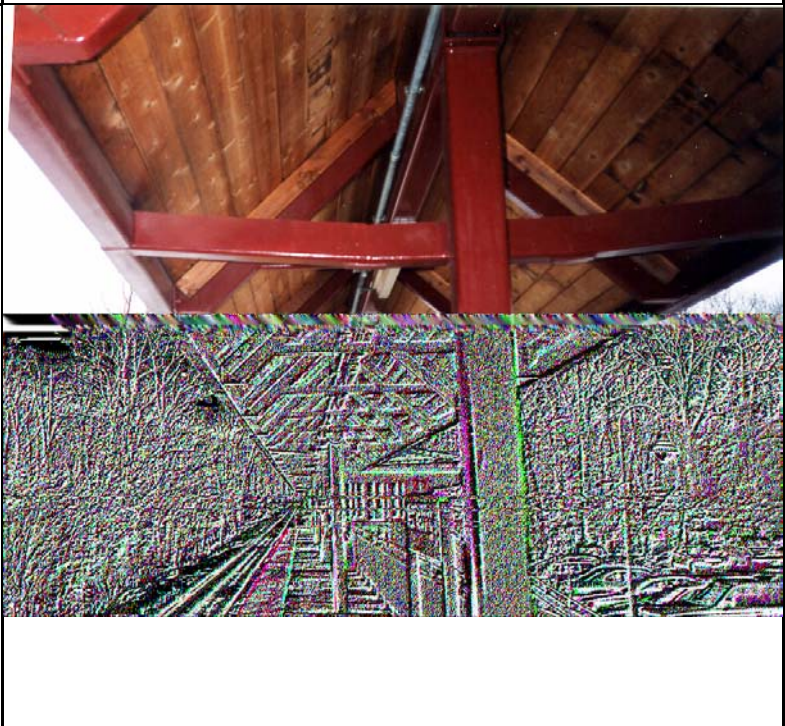
STATION: West Redding
INSPECTORS: Jim Connell & Dave Lang

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
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PHOTO NO. 22
Location: WEST REDDING STATION
Description: Station Name and Canopy
Reference: _____



PHOTO NO. 23
Location: WEST REDDING STATION
Description: Gutters on both sides of the canopy
Reference: _____



STATION: WEST REDDING
INSPECTORS: J. Duncan & T. Abrahamson

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
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PHOTO NO. 24

Location: WEST REDDING
STATION

Description: Downspout
Heavy Steel
Protector with
inner PVC
Pipe

Reference: _____

PHOTO NO. _____

Location: _____

Description: _____

Reference: _____



STATION: WEST REDDING
INSPECTORS: J. Duncan & T. Abrahamson

West Redding

Description	Units	Quantity	Price / Unit	Total Cost
Sub-total				\$0.00
Contingency (20%)				\$0.00
Grand Total				\$0.00
Say				\$0.00

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