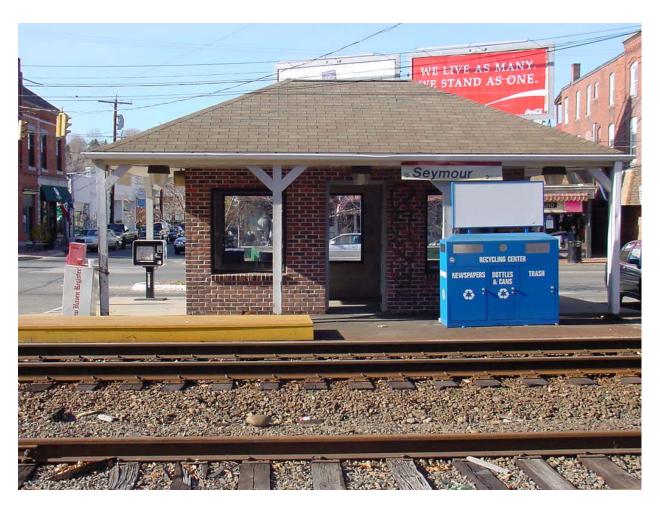
# CONNECTICUT DEPARTMENT OF TRANSPORTATION



### CONDITION INSPECTION FOR THE SEYMOUR STATION

### GENERAL RECOMMENDATION $\underline{\phantom{0}3}$

PREPARED BY: URBITRAN ASSOCIATES, INC.

DATE: 7/3/02

### 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: _	Seymour	_			CONN. DEI	PT OF TRA	NSPOR1	TATION
LINE:	Waterbury	_			STATION II	NSPECTIO	N REPO	RT
INSPECTIO	N DATE: 11-17-01		_		SHEET	1	OF	22
INSPECTIO	N AGENCY / FIRM:	UA		_	_			
INSPECTOR	RS: JFS, WV, RGW							
WEATHER:	Sunny							

	l		PLAT	FOR	И ELE	MEN	Т					CAN	OPY		SUPER-	FOUN	IDATI	ONS
				J. 11		,									STRUCTURE			
SPAN NO.	ե RAILING	<b>b</b> RAILING PAINT	ω STAIRS	SINIOF 4	o TOP OF PLATFORM	စ BENCHES	→ SIGN / BILLBOARD	∞ WARNNING STRIP	PLATFORM EDGE RUBBING BOARD	<b>5</b> PEDESTRIAN TUNNEL	このこのMNS OVERALL	COLUMN BASE @ PLATFORM	ROOF FRAMING ELEMENTS	ROOFING MATERIAL	<b>15</b> DOUBLE TEE	<b>16</b>	9NILOOJ 7	B EROSION / SCOUR
1	5	5	5	5	1	5	5	1	5	5	5	5	5	5	5	5	5	5
2	5	5	5	5	4	5	5	5	5	5	5	5	5	5	5	5	5	5
															_			

STATION: Seymour  LINE: Waterbury  INSPECTION DATE: 11-17-01	CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT SHEET 2 OF 22
INSPECTION AGENCY / FIRM: UA INSPECTORS: JFS, WV, RGW	
WEATHER: Sunny	
BUILDING ELEMENTS	
INTERIOR ELEMENTS	
19. FLOOR: 3	
20. CEILING: 3	
21. WINDOWS: 5	
22. DOORS: 5	
23. FINISH: 3	
24. HARDWARE: 5	
EXTERIOR ELEMENTS	
25. DOORS: 3	
26. WINDOWS: 2	
27. FACADE / FINISH: 3	
28. FOUNDATION: 6	
29. SETTLEMENT: 3	
30. ROOF: 1	
31. RAMP: 5	
32. SIDEWALK: 3	
33. HARDWARE: 2	
34. CURB: 3	
REMARKS:	
The paint on the columns adjacent to the building is c	hipping.
-	

STATION: Seymour  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 22
PARKING ELEMENTS	
QUADRANT# I	
TYPE OF SURFACE: asphalt x PAVED; OTHER (DESCRIBE)	_GRAVEL;DIRT;
CONDITION OF PAVED SURFACE: 3	
CONDITION OF STRIPING: 3	
CONDITION OF BASIN / DRAINS / ETC: 5 (FOR LOCATION SEE SHEET: )	
SIGNAGE: 2	
FENCE AND GUARDRAIL: 5	_
LANDSCAPE: 2	
SIDEWALK: 5	
CURB: 2	

STATION: Seymour
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 Snow

#### **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	1		minor deterioration except mounting

Remarks: A typical section of the platform was measured and found to average
8.01 fc adjacent to the building and 1.1 fc at the south side of the platform.

The platform luminaires are mounted beneath the building soffit.

#### PLATFORM --- LIGHTING LEVELS (fc)

TRACKS{															_
i	0)/0	laac	romarka		0)/0		000	rom	orko	000	rom	orko	200	romo	rko
	avg 1.1	See	e remarks		avg 8.01		see	rema	aiks	see	rema	aiks	see	rema	IIKS
NORTHBOUND/SOUTHBOUND PLATFORM															

STATION: Seymour

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 Snow

CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT SHEET <u>5</u> OF <u>22</u>

#### **PLATFORM --- SERVICE**

Voltage Ratii	ng (V)	120/240	Type of 3 phase of	Delta	n/a	Wye	n/a	
			Method of Entrand	Overhead	n/a	Underground	Χ	
Rating of Ma	in Breaker (A)	unknown	Origin of Service		Pole	X Transformer		n/a
			Code Compliant	Yes	n/a	No	Χ	
Quantity of F	Phases	1	Pole Number see remark		Wire Sizes	unknown		
			& Street	Main St				
Remarks:	The electrical servic	e riser con	duit adjacent to the	e north side of	the building is	dislo	ocated.	
	We were unable to gain access to the locked electrical cabinet to verify the exact size and							
	condition of the main panelboard. The pole number was partially missing and incomplete.							

#### **PLATFORM --- ELECTRICAL SYSTEMS**

Electrical Device	Manufacturer	Model Number	Rating	Location	Estimated Age/Life(y/y)	Visual Condition
Main Distribution Panel	unknown	unknown	unknown, see remarks	parking lot	unknown	unknown, see remarks
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	unknown	unknown	unknown	unknown
Public Telephone	unknown	n/a	n/a	parking lot	n/a	operational
Station Telephone	n/a	n/a	n/a	n/a	n/a	n/a

Remarks:			

STATION: <u>Seymour</u>	CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT SHEET 6 OF 22
INSPECTORS: Jim Connell & Dave Lang	DATE: <u>February 11, 2002</u>

#### STATION PLATFORM --- ELECTRICAL AND LIGHTING SUMMARY

The electrical service terminates in a small exterior enclosure and is in good working condition. The panelboard is adequately serving the electrical needs for the station platform and the small structure.

The platform luminaries are mounted under the soffit of the small structure. The platform at the shelter exceeds the minimal IESNA light levels of 5 foot-candles by measuring 8.01 foot-candles. However, less platform lighting is provided towards the southern end of the platform and this area measured an average of 1.1 foot-candles. We recommend that additional luminaries be installed at the platform to elevate the light levels to IESNA recommended practice. Two of the canopy luminaires need to be reattached to the canopy soffit.

STATION: Seymour
LINE: New Haven - Waterbury Branch
INSPECTION DATE: February 11, 2002

INSPECTION AGENCY / FIRM: Parsons Brinckerhoff
INSPECTORS: D. Lang
TIME OF INSPECTION: A.M.
WEATHER: Cold & Clear

#### **PLATFORM - PLUMBING**

SPAN NO.	GUTTER	DOWNSPOUT/ PIPING	CLEAN-OUTS	SPAN NO.	GUTTER	DOWNSPOUT/ PIPING	CLEAN-OUTS		
110.		1111110		110.		1111110			
	Thoro is	ı a brick building, wl	nich sholtors the pl	atform. The a	uttore are alu	ninum with 4" alun	ainum		
	downspouts. There are two downspouts on the platform side; one is missing and one is damaged at the bottom.								
	at the bo	ittorn.							

#### PLATFORM - FIXTURES--N/A

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

STATION: Seymour

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 8 of 22

#### 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
Column	1	No	3
Platform Ceiling	1	No	3
Platform Warning Strip	6	Yes	2
Door Frame	2	No	3
Utility Box	1	No	3
Electrical Box	2	No	3
Gutter	1	No	3

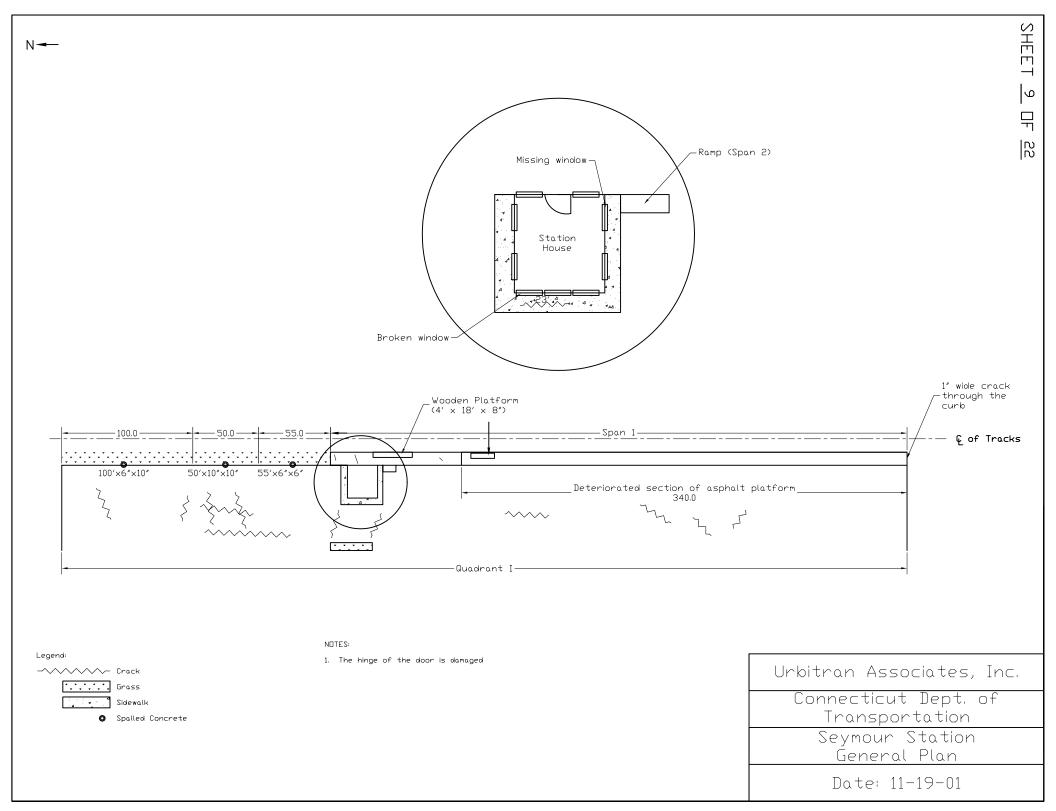
Lead-Based Paint was found on surfaces noted above. Painted concrete platform warning strip was found to be in poor condition. Other painted surfaces were found to be in fair to good condition. Any future disturbance of the lead-based painted surfaces noted above should be abated by an Environmental Protection Agency/Connecticut Abatement Contractor in accordance with the EPA's 40 CFR 745, HUD's 24 CFR Part 35 and The HUD Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing, OSHA's 29 CFR

#### 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
Interior and Exterior Window Caulking	3
Roof Shingles	3



STATION:	Seymour	CONN. DEPT OF TRANSPORTATION
		STATION INSPECTION REPORT
		SHEET <u>10</u> OF <u>22</u>

INSPECTORS: JFS, WV, RGW DATE: 11-17-01

RATINGS PHOTO		РНОТО	REMARKS:
NEW	PREV	NO.	KEMAKKS.
1	FILV	4	Span I 5 - There is major deterioration along the southside
- '		7	of the asphalt platform
			or the deprior platform
1		5	Span I Other - There is a 1" wide crack at the south end
			of the asphalt platform
1		4	Span I 8 - The warning strip is missing as the top of the
			asphalt platform deteriorates
1		6	Station house 26 - There is a missing window, broken window
			and missing hinge on the door in the shelter
1		7	Station house 30 - There are missing shingles on the top of the
'		'	roof exposing the wood
			Tool exposing the wood
2		8	Station house 32 - There is a hairline crack (23' length) on the
			westside of the sidewalk
2		9	Station house Other - The paint is chipped along the columns
2		10	Quad I Surface - There are random cracks through out the
			surface of the parking area
		4.4	
2		11	Quad I Signage - One of the signs post is leaning
2		12	Quad I Landscape - Parts of the landscape are dieing and
		12	overflowing into the parking area
			Overnowing into the parking area
2		13	Quad I Curb - There is spalling along the curb on the
			north side of the parking area
L			

#### CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT 11 OF 22 SHEET

	SHEET 11 OI 22
PHOTO NO. 1	
Location: East of the Station	WE LIVE AS MANY. WE STAND AS ONE.
Description: General view of the station	Soymour  **COLIN ONTIL  **COLIN ONTI
Reference: Looking west	
PHOTO NO. 2	
Location: North end of the platform	
Description: General view of the platform	
Reference:	TRASH

Looking south

STATION: INSPECTORS:

Seymour Station JFS, WV, RGW

#### CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT 12 OF 22 SHEET

	<del>_</del> _
PHOTO NO. 3	
Location: South end of Quad I	
Description: General view of Quad I	Seymour Seymou
Reference: Looking north	
PHOTO NO. 4	
Location: South end of the platform	
Description: The asphalt exhibits deterioration (340'x5')	
Reference: Looking north	

Seymour Station JFS, WV, RGW

#### CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT SHEET 13 OF 22

PHOTO NO. 5	
Location:	
South end of the	
platform	
Description:	
The concrete curb	
exhibits an 1" wide	
crack	
Reference:	
Looking north	
LOOKING HOLLI	
PHOTO NO. 6	<del> </del>
Location:	
Middle of the station	
house	
	The second secon
Description:	
The south side window	
is missing	
Reference:	A PARAMETER AND
Looking south	<b>一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个</b>
	A SECURIT OF STREET

Seymour Station JFS, WV, RGW

#### CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT 14 OF 22 SHEET

	<del>_</del> _
PHOTO NO7	
Location:	
West of the Station	
House	
Descriptions	
Description:	
Missing shingles on the	
roof which exposes wood	
wood	
	And the second s
Reference:	
Looking down and north	
Econing down and north	
PHOTO NO. 8	
Location:	
Northwest corner of the	
station house	
Description:	
The concrete sidewalk	
exhibits a 23' crack	
	THE RESERVE OF THE PARTY OF THE
Reference:	
Looking south	
23011119 000111	

Seymour Station JFS, WV, RGW STATION: INSPECTORS:

#### CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT 15 OF 22 SHEET

	<del></del>		
PHOTO NO. 9  Location: Southwest corner of the			
Station House	Nac.		
Description: The column paint is chipped			
Reference: Looking north			
PHOTO NO. 10			
Location: Quad I			
Description: Typical crack			
			WV. RGW
Reference: Looking down		•	: JFS, WV
		TION:	PECTORS

STA<sup>-</sup>

### CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT

	SHEET	16 OF 22
PHOTO NO. 11  Location:		
East side of Quad I		PARKNO
Description: The sign is leaning		
Reference: Looking east		
PHOTO NO. 12		
Location: East side of Quad I		
Description: Landscape is		
overflowing into the parking area		
	74 - 30	
Reference:		
Looking northeast		

Seymour Station JFS, WV, RGW

# CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT SHEET 17 OF 22

PHOTO NO. <u>13</u>		
Location: East side of Quad I		
Description		
Description: Typical spalled concrete curb along the east side of Quad I		
Reference: Looking northeast		
PHOTO NO.		
Location:		
Description:	PASTE PHOTO HERE	
		station
Reference:		Seymour Station
		STATION:

INSPECTORS: JFS, WV, RGW

## CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT SHEET 18 OF 22

PHOTO NO. 14  Location:     platform and     parking lot  Description:     over all view of the     building  Reference:     Electrical Systems     Section	Seymour  Sey		
PHOTO NO. 15  Location:     platform  Description:     electrical meter     enclosure  Reference:     Platform Service     Section	s Seymour service of the service of	STATION: Seymour	INSPECTORS: Jim Connell & Dave Lang

# CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT SHEET 19 OF 22

PHOTO NO. 16  Location:	
platform  Description: platform lighting	
and speaker	
Reference: Platform Lighting Section	
	C C C C C C C C C C C C C C C C C C C

STATION: Parsons Brinckerhoff INSPECTORS: 0

### CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT SHEET 20 OF 22

	SHEET <u>20</u> OF <u>22</u>	
PHOTO NO. <u>17</u>		i
Location: SEYMOUR STATION	Seymour S	
Description: Station name	C C C C C C C C C C C C C C C C C C C	
Reference: Mechanical		
PHOTO NO18		-
Location: SEYMOUR STATION Description:		
Platform shelter		SEYMOUR
Reference:  Mechanical	NEWSPAT CS	i

# CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT SHEET 21 OF 22

PHOTO NO. 19  Location: SEYMOUR STATION  Description: Station sheltering platform  Reference:	s Seymour  S		
PHOTO NO.			
Location:			
Description:			
Reference:		SEYMOUR	D. Lang
		STATION:	INSPECTORS:

Seymour Station				
Description	Units	Quantity	Price / Unit	Total Cost
Fill cracked asphalt	ft	700.00	\$2.00	\$1,400.00
Fill cracked concrete	ft	23.00	\$9.00	\$207.00
Replace concrete curb				
-Remove concrete curb	yd <sup>3</sup>	5.30	\$80.00	\$424.00
-Install concrete curb  Replace asphalt sidewalk / platform	ft	205.00	\$22.00	\$4,510.00
-Remove asphalt (6")	yd <sup>3</sup>	63.00	\$30.00	\$1,890.00
-Install asphalt (6" layer)	yd <sup>2</sup>	377.78	\$25.00	\$9,444.50
Miscellaneous (window, door, etc.)	Lump Sum	-	-	\$1,000.00
Repair roof	Lump Sum	-	-	\$500.00
Install luminairies with 30' poles *	Each	5.00	\$2,900.00	\$14,500.00
Reattach electrical service riser conduit	Each	1.00	\$500.00	\$500.00
Attach canopy luminairies	Each	2.00	\$100.00	\$200.00
Repair downspout	Each	1.00	\$200.00	\$200.00
Install downspout	Each	1.00	\$300.00	\$300.00
Removal and repaint the platform warning strip	ft <sup>2</sup>	180.00	\$10.00	\$1,800.00
Mobilization / Demobilization (10%)				\$3,687.55
Sub-total				\$40,563.05
Contingency (20%)				\$8,112.61
Grand Total				\$48,675.66
Say				\$50,000.00

<sup>\*</sup> 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.