# CONNECTICUT DEPARTMENT OF TRANSPORTATION



# CONDITION INSPECTION FOR THE STRATFORD STATION

GENERAL RECOMMENDATION 3

PREPARED BY: URBITRAN ASSOCIATES, INC.

DATE: 12/24/02

# 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: _	Stratford	_	CONN. DE	PT OF TRA	NSPORT.	ATION
LINE:	New Haven Line	_	STATION I	NSPECTIC	N REPOR	RT
INSPECTION	N DATE: 8/23/02		SHEET	1	OF	65
INSPECTION	NAGENCY / FIRM:	UA	_			
<b>INSPECTOR</b>	S: RGW		_			
WEATHER:	Sunny, 80's					

# (Southbound) North Platform

			PLAT	FOR	M ELE	MEN	Τ					CAN	YAC		SUPER- STRUCTURE	FOUN	IDATI	ONS
SPAN NO.	ع RAILING	<b>A</b> RAILING PAINT	ω STAIRS	SLNIOF 4	4 TOP OF PLATFORM	9 BENCHES	4 SIGN / BILLBOARD	∞ WARNNING STRIP	Φ PLATFORM EDGE RUBBING BOARD	<b>5</b> PEDESTRIAN TUNNEL	COLUMNS OVERALL	COLUMN BASE @ PLATFORM	ROOF FRAMING ELEMENTS	ROOFING MATERIAL	<b>15</b> DOUBLE TEE	<b>16</b>	5 FOOTING	8 EROSION / SCOUR
I	3	3	2	3	3	5	3	2	5	5	5	5	5	5	3	3	3	3
П	3	3	5	3	3	3	3	2	5	5	5	5	5	5	3	5	3	3
III	3	2	5	3	2	3	3	2	5	5	5	5	5	5	3	3	3	3
IV	3	3	3	3	3	5	3	2	5	5	5	5	5	5	3	5	3	3
V	3	3	5	3	3	3	5	2	5	5	5	5	5	5	3	3	3	3
VI	3	3	3	3	3	5	3	2	5	5	5	5	5	5	3	5	3	3
VII	3	3	5	3	3	5	2	2	5	5	5	5	5	5	3	5	3	3
VIII	3	3	3	3	3	5	3	2	5	5	5	5	5	5	3	3	3	3
IX	2	3	5	5	3	5	3	2	5	5	5	5	5	5	3	5	3	3

STATION:	Stratt	ford			CONN. DE	PT OF TRA	NSPORT	ATION
LINE:	New	Haven Line			STATION I	NSPECTIO	N REPOF	RT
INSPECTIO	N DATE:	8/23/02			SHEET	2	OF	65
INSPECTIO	N AGENC	Y / FIRM:	UA					
INSPECTO	RS:	RGW						
WEATHER:		Sunny, 80's						

# (Northbound) South Platform

			PLAT	FOR	M ELE	MEN	Τ					CAN	OPY		SUPER-	FOUN	IDATI	ONS
									Ω						STRUCTURE			
SPAN NO.	1 RAILING	8 RAILING PAINT	STAIRS	SLNIOF 4	9 TOP OF PLATFORM	9 BENCHES	2 SIGN / BILLBOARD	8 WARNNING STRIP	Φ PLATFORM EDGE RUBBING BOARD	<b>10</b> PEDESTRIAN TUNNEL	L COLUMNS OVERALL	COLUMN BASE @ PLATFORM	ROOF FRAMING ELEMENTS	ROOFING MATERIAL	<b>15</b> DOUBLE TEE	16 16	17 FOOTING	8 EROSION / SCOUR
I	3	3	2	3	3	5	3	2	5	5	5	5	5	5	3	5	3	3
II	3	2	5	3	2	5	3	2	5	5	5	5	5	5	3	3	3	3
III	2	3	5	3	3	3	3	2	5	5	5	5	5	5	3	5	3	3
IV	2	3	5	3	3	5	3	2	5	5	5	5	5	5	3	5	3	3
V	3	3	3	3	3	5	5	2	5	5	5	5	5	5	3	3	3	3
VI	3	3	5	3	3	3	3	2	5	5	5	5	5	5	3	5	3	3
VII	2	3	5	3	3	5	5	2	5	5	5	5	5	5	3	5	3	3
VIII	3	3	5	3	3	5	3	2	5	5	5	5	5	5	3	5	3	3
IX	3	3	3	5	3	5	3	2	5	5	5	5	5	5	3	3	3	3

STATION: Stratford	CONN. DEPT OF TRANSPORTATION
LINE: New Haven	STATION INSPECTION REPORT
INSPECTION DATE: 12-6-01	SHEET <u>3</u> OF <u>65</u>
INSPECTION AGENCY / FIRM: UA	
INSPECTORS: PK, RGW	
WEATHER: Sunny, 50's	
<b>BUILDING ELEMENTS (Southbo</b>	ound/ North Station House)
INTERIOR ELEMENTS	
INTERIOR ELEMENTO	
19. FLOOR: 3	
20. CEILING: 3	
21. WINDOWS: 3	
22. DOORS: 3	
23. FINISH: 3	
EXTERIOR ELEMENTS	
24. DOORS: 3	
25. WINDOWS: 2	
26. FACASE / FINISH: 3	
27. FOUNDATION: 3	
28. SETTLEMENT: 3	
29. ROOF: 3	
REMARKS:	
	_

STATION: Stratford	CONN. DEPT OF TRANSPORTATION
LINE: New Haven	STATION INSPECTION REPORT
INSPECTION DATE: 12-6-01	SHEET <u>4</u> OF <u>65</u>
INSPECTION AGENCY / FIRM: UA	
INSPECTORS: PK, RGW	
WEATHER: Sunny, 50's	
BUILDING ELEMENTS	( Northbound/ South Station House)
INTERIOR ELEMENTS	
19. FLOOR: 3	
20. CEILING: 3	
21. WINDOWS: 3	
22. DOORS: 3	
23. FINISH: 3	
EXTERIOR ELEMENTS	
<u> </u>	
24. DOORS: 3	
25. WINDOWS: 3	
26. FACASE / FINISH: 3	
27. FOUNDATION: 3	
28. SETTLEMENT: 3	
29. ROOF: 3	
REMARKS:	
	_
	_

STATION:				CONN. DE	PT OF	TRANS	SPORTATION
	New Haven	_		STATION I			
INSPECTION		8/23/02		SHEET _	5	_OF	65
	I AGENCY / FIRM:			_			
INSPECTOR WEATHER:		<u>/v</u> ny, 80's					
WEATHER.	Suit	11y, 60 S					
		PARKING ELE	EMENTS				
		QUADRANT#	,				
		QUADICANT #	<u>'</u>				
TYPE OF SU	RFACE: asphalt	x PAVED;		GRAVEL;			DIRT;
		OTHER (DI		_			
CONDITION	OF PAVED SURFA	.CE: <u>3</u>					
CONDITION	OF STRIPING:	3					
CONDITION	OF DACIN / DDAIN	0./570-	0				
	OF BASIN / DRAIN TION SEE SHEET:		3				
( FOR LOCA	HON SEE SHEET.	See sketch )					
SIGNAGE:	3						
FENCE AND	GUARDRAIL:	5					
LANDSCAPE	i: <u> </u>						
SIDEWALK:	3						
CURB:	3						
		QUADRANT#	II				
		QUADICATO #					
TYPE OF SU	RFACE: asphalt	x PAVED;		GRAVEL;			DIRT;
		OTHER (DI	ESCRIBE)	_			
CONDITION	OF PAVED SURFA	.CE:	2				
CONDITION	OF STRIPING:	3					
CONDITION	OF DACINI / DDAINI	C / ETC:	2				
	OF BASIN / DRAIN TION SEE SHEET:		<u> </u>				
(TOR EGO)	HON OLL ONLLY.	JCC SKCtCIT )					
SIGNAGE:	3						
FENCE AND	GUARDRAIL:	3					
LANDSCAPE							
SIDEWALK:	2						
CURB:	3						

STATION: Strat LINE: New INSPECTION DAT	Haven	<del>-</del> 3/02		CONN. DEP STATION IN SHEET	SPECTION I	
INSPECTION AGE		UA				
INSPECTORS: WEATHER:	RGW Sunny, 8	30's				
	ouy, o					
	PAI	RKING ELEME	ENTS			
	<u>QU/</u>	ADRANT# III	_			
TYPE OF SURFAC		PAVED; OTHER (DESC		_GRAVEL;		DIRT;
CONDITION OF P	AVED SURFACE:	2				
CONDITION OF S	TRIPING:	3				
CONDITION OF B (FOR LOCATION	ASIN / DRAINS / E SEE SHEET: <u>se</u>	TC: ee sketch )	3			
SIGNAGE:	3					
FENCE AND GUA	RDRAIL:	2				
LANDSCAPE:	3					
SIDEWALK:	2					
CURB:	3					
	QUA	ADRANT# IV	_			
TYPE OF SURFAC	CE: <u>asphalt x</u>	PAVED; OTHER (DESC	RIBE)	_GRAVEL;		DIRT;
CONDITION OF P	AVED SURFACE:	3				
CONDITION OF S	TRIPING:	3				
CONDITION OF B (FOR LOCATION			5			
SIGNAGE:	3					
FENCE AND GUA	RDRAIL:	2				
LANDSCAPE:	3					
SIDEWALK:	5					
CURB:	5					

STATION:	Stratford	CONN. D	EPT OF	TRAN	SPORT	ATION
LINE:	New Haven	STATION	INSPE	CTION	REPOR	RT
INSPECTION DATE:	January 3, 2002	SHEET	7	OF _	65	
INSPECTION AGENCY / FIRM:	Parsons Brinckerhoff	=				
INSPECTORS:	Jim Connell & Dave Lang					
TIME OF INSPECTION:	A.M.					
WEATHER:	Clear and Cool					

# PLATFORM --- LIGHTING

Span Number	Fixture Type	Manufacturer	Model Number	Rating	Support Condition	Estimated Age/Life(y/y)	Visual Condition
canopy	4ft fluorescent	unknown	unknown	2	2	18/ 20	serious deterioration
all	HID	unknown w/ Prescolite pole	unknown	2	2	18/ 20	serious deterioration

Remarks: A typical section of the platform was measured at the location indicated and found to average 5.5 and 5.2 on the southbound and northbound platforms, respectively.

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

		N	ORTHBOUNE	PLATFORM							
	see remarks	avg 5.2	see remarks	see remarks	see remarks	see remarks					
•											
TRACKS{											
	see remarks	see remarks	avg	see remarks	see remarks	see remarks					
			5.5								
	SOUTHBOUND PLATFORM										

STATION: Stratford CONN. DEPT OF TRANSPORTATION
LINE: New Haven STATION INSPECTION REPORT
INSPECTION DATE: January 3, 2002 SHEET 8 OF 65
INSPECTION AGENCY / FIRM: Parsons Brinckerhoff
INSPECTORS: Jim Connell & Dave Lang
TIME OF INSPECTION: A.M.

# **PLATFORM --- SERVICE**

WEATHER: Clear and Cool

Voltage Rating (V)	n/a	Type of 3 phase c	onnection	Delta	n/a	Wye	n/a
		Method of Entrand	e	Overhead	n/a	Underground	n/a
Rating of Main Breaker (A)	n/a	Origin of Service	Pole	n/a	Transformer	n/a	
		Code Compliant	Yes	n/a	No	n/a	
Quantity of Phases	n/a	Pole Number & Street	n/a	Wire Sizes	n/a		
		a Succi					

Remarks: The electrical service to the platforms originates at the station buildings.

# **PLATFORM --- ELECTRICAL SYSTEMS**

Electrical Device	Manufacturer	Model Number	Rating	Location	Estimated Age/Life(y/y)	Visual Condition
Main Distribution Panel	n/a	n/a	n/a	n/a	n/a	n/a
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	1	platform	18/ 18	totally deteriorated
Grounding	unknown	unknown	unknown	unknown	unknown	unknown
Lighting Controls	unknown	unknown	unknown	unknown	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:			

STATION:	Stratford	CONN. [	DEPT O	F TRAN	SPORT	ATION
		STATION	STATION INSPECTION REPORT			
		SHEET	9	OF _	65	

INSPECTORS: Jim Connell & Dave Lang DATE: January 3, 2002

# STATION PLATFORM --- ELECTRICAL AND LIGHTING SUMMARY

Each platform receives electrical service from the station buildings. Both platforms have several non-GFCI receptacles that are either broken or missing covers. We suggest that all the receptacles be replaced with a GFCI type with cover.

There are pole-mounted luminaires on the platform. Many of the poles have serious deterioration and are missing their handhole covers, allowing the electrical components to be exposed to the environment. We suggest that the covers be replaced as soon as possible and the light poles be replaced in the near future.

INSPECTION A	ECTION DATE: AGENCY / FIRM: INSPECTORS: F INSPECTION:	New Haven January 3, 200 Parsons Brinck Jim Connell & I A.M. Clear and Cool	erhoff Dave Lang	STA		TRANSPORT CTION REPOR OF 65	
Fixture Type	Manufacturer	Model Number	Rating	Support Condition	Estimated	Visual Cor	ndition
ncandescent pendant	unknown	unknown	3	3	Age/Life(y/y) 17/ 20	minor deterior	ation
ncandescent chain	unknown	unknown	3	3	17/ 20	minor deterior	ation
Bft fluorescent ndustrial	unknown	unknown	3	3	5/ 20	minor deterior	ation
Exit	unknown	unknown	3	3	10/ 20	minor deterior	ation
Emergency Egress	emergi-lite	unknown	3	3	10/ 20	minor deterior	ation
Remarks <u>: A ty</u>	pical section of th	e waiting room	was measu	ired and found to	average 6.5 fo	D.	
	<u>s</u>	TATION BUILD	ING LIG	HTING LEVELS	<u>(fc)</u>		
ROOM DESC:		3 C	D	ROOM DESC:	Α [	3 C	D
waiting room				not used			
2	0.42			2			
3	avg 6.5			3			
4				4			
ROOM DESC:	A E	3 C	D	ROOM DESC:	Α [	3 C	D
not used 2				not used 2			
3				3			
4				4			
4				4			

STATION: Stratford

LINE: New Haven

CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT

INSPECTION DATE: January 3, 2002

SHEET \_\_\_11 \_\_ OF \_\_65

INSPECTION AGENCY / FIRM: Parsons Brinckerhoff

INSPECTORS: Jim Connell & Dave Lang

TIME OF INSPECTION: A.M.

WEATHER: Clear and Cool

# **STATION BUILDING --- SERVICE**

Voltage Rating (V)	120/240	Type of 3 phase connection		Delta	n/a	Wye	n/a
		Method of Entranc	е	Overhead	Χ	Underground	n/a
Rating of Main Breaker (A)	200	Origin of Service		Pole	Χ	Transformer	n/a
		Code Compliant		Yes	Χ	No	n/a
Quantity of Phases	1	Pole Number & Street	Co. 918 Main St	Wire Sizes	unkı	nown	

The northbound building, the (museum), has an electrical service from pole number 6937. Remarks:

# **STATION BUILDING --- ELECTRICAL SYSTEMS**

Electrical Device	Manufacturer	Model	Rating	Location	Estimated	Visual Condition
		Number			Age/Life(y/y)	
Main Distribution	n/a	n/a	n/a	n/a	n/a	n/a
Panel						
Main Disconnect Switch	Challenger	unknown	3	mounted on building	17/ 20	minor deterioration
Transformer	n/a	n/a	n/a	n/a	n/a	n/a
Receptacles	unknown	unknown	3	throughout	17/ 20	minor deterioration
Grounding	unknown	unknown	unknown	unknown	unknown	unknown
Lighting Controls	unknown	unknown	unknown	unknown	unknown	unknown
Public	unknown	n/a	n/a	parking lot	n/a	operational
Telephone						
Station	unknown	n/a	n/a	n/a	n/a	unknown
Telephone						
Restaurant sub panel	Square D	HOMC20U100	3	restaurant	5/ 18	minor deterioration
Restaurant	Bryant	unknown	2	restaurant	25/ 20	serious deterioration
sub panel						
Coffee Shop	Challenger	SL20	3	coffee shop	20/ 20	minor deterioration
sub panel						

Remarks:		

INSPECTION A	CTION DATE : GENCY / FIRM: INSPECTORS: INSPECTION:	New Haven January 3, 2002 Parsons Brinckerhoff Jim Connell & Dave Lang			STA SHE	CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT SHEET 12 OF 65			
Fire Alarm Device	Manufacturer	Model Number	Rating	Quantity	Location	Estimated Age/Life(y/y)	Visual Condition		
Fire Alarm Control Panel	Edwards	5751B	3	n/a	coffee shop		minor deterioration		
Heat Detector	unknown	unknown	3	n/a	coffee shop	17/ 20	minor deterioration		
Smoke Detector	unknown	unknown	3	n/a	coffee shop	17/ 20	minor deterioration		
Pull Station	Edwards	unknown	3	n/a	coffee shop	17/ 20	minor deterioration		
Annunciator	n/a	n/a	n/a	n/a	n/a	n/a	n/a		
Audio/Visual Device	Edwards	unknown	3	n/a	coffee shop	15/ 20	minor deterioration		
Remarks <u>: The</u>	restaurant does			on devices.	CHES				

STATION:	Stratford		CONN. DEPT OF TRANSPORTATION				
			STATION	INSPE	CTION	REPOR	RT
			SHEET	13	OF	65	

INSPECTORS: Jim Connell & Dave Lang DATE: January 3, 2002

## STATION BUILDING --- ELECTRICAL AND LIGHTING SUMMARY

There are two buildings each with separate electrical services located on opposite sides of the railroad tracks. The electrical service in the southbound building is distributed between several panelboards, most of which are in good working condition. However, there is a panelboard in the tenant's space (restaurant) that should be replaced due to age and adverse conditions. Miscellaneous electrical equipment in both southbound and northbound buildings are in good working condition.

The lighting in the waiting area of the southbound building maintains an average light level of 6.5 foot-candles. There is no waiting area in the northbound building, but the lighting in the tenant helicopter museum is in good working condition with a combination of track lighting and fluorescent down lights.

In the southbound building, fire detection is throughout all common spaces except in the restaurant, which is lacking a fire detection system.

Although not recommended under this scope of inspection, a fire detection system should be installed at some time in the restaurant to become ADA and NFPA 72 compatible. The northbound building has a fire detection system throughout and meets the requirements of the ADA and NFPA 72.

INSPECTION INSPECTION AGENO INSF TIME OF INSF	LINE ON DATE : CY / FIRM PECTORS PECTION:	Stratford  New Haven January 3, 2002 Parsons Brinckerhoff  J. Duncan & T. Abrahamson A.M. Clear & Cool	CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT SHEET 14 OF 65
	BUILI	DING HVAC - Fire Protection	(RESTAURANT)
BOILER:	N/A		
WATER HEATER:	Serial No	eater - AO Smith Nat.Gas Model FS umber - ML94-0085378 - 230 000 Btu/hr - Good Repair	100-230 100 gal capacity
FUEL TYPE:	Nat	ural Gas	
HEATING UNIT / FUF		Two Installed Bryant Size 394-396 MFGR BDP SYRACUSE NY 1-800-428-4326 - Good Repair	<u> </u>
HEATING FILTER:	N/A		
BOILER:	N/A		
AC UNIT:	Heater/	AC Unit	
AC FILTER:	N/A		
DUCTS: Goo	od Conditi	on	

CONDITION OF DAMPERS: N/A

N/A

# OF DAMPERS:

THERMOSTATS: Thermostats: 1 Honeywell, 1 Lennox in good condition

operates the furnace in winter, manually operated

2 Honeywell- old fashion, round, good condition operates the A/C

in the summer, manually operated

In addition for summer cooling there are two through the wall A/C , the first in fair condition estimated capacity of 8000~Btu/hr, the second in good condition,

estimated capacity of 6000 Btu/hr

NIGHT SET BACK: Manually

STATION: Stratford		CONN. DEPT OF TRANSPORTATION				
LINE:	New Haven	STATION INSPECTION REPOR		REPORT		
INSPECTION DATE:	January 3, 2002	SHEET	15	OF	65	
INSPECTION AGENCY / FIRM:	Parsons Brinckerhoff	·				
INSPECTORS:	J. Duncan & T. Abrahamson	•				
TIME OF INSPECTION:	A.M.	•				
WEATHER:	Clear & Cool	•				

# **BUILDING -- HVAC - Fire Protection (RESTAURANT) - Continued**

PUMPS:	N/A		
PIPING:	N/A		

Two air cooled condensers Rheem Model RACC-036 JAS Serial 35 M4286-8986 - Adequate

Kitchen roof exhaust fan (exhaust from hood above the stove) looks good but requires cleaning.

1 wall exhaust fan for heat generated in the kitchen with a gravity damper for summer operation only. The assembly works but does not appear to be in good condition (looks dirty).

In the restaurant to supplement the heat there are 4 electric baseboard heaters (2' length) in each of the two rooms.

The two heaters/ A/C and air cooled condensers are 10 years old. Life left is 10-15 years.

# **FIRE PROTECTION**

No sprinklers

Gas Fire Suppression System for Stove Hood Pyro Chem PCL-278 - Good Condition

STATION: Stratford  LINE: New Haven  INSPECTION DATE: January 3, 2002  INSPECTION: Parsons Brinckerhoff  INSPECTORS: J. Duncan & T. Abrahamson  TIME OF INSPECTION: A.M.  WEATHER: Clear & Cool  BUILDING - PLUMBING - RE	CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT SHEET 16 OF 65
RESTROOM	
PIPING: No Leaks  WATER PRESSURE: Normal  DRAINS: O.K.  FAUCET/FIXTURES:  * MODEL: 4083 Serial 408 3M 87  * YEAR: Unknown  * MANUFACTURER: American Standard  * CONDITION: Good	Men's Restroom Fixtures: Not Handicapped type, Not Water Conservation 1 Urinal - Good Repair 1 Toilet - Good Repair 1 Lavatory - Good Repair Good Condition, Clean, Access into the restroom adequate for the handicapped. Exhaust fan working No floor drain
PIPING: No Leaks WATER PRESSURE: Normal DRAINS: OK FAUCET/FIXTURES:  * MODEL: Unknown As Described  * YEAR: Unknown  * MANUFACTURER: Unknown  * CONDITION: Good	Women's Restroom Same as men's, no urinal, 1 handicapped accessible toilet - Good Repair 1 regular toilet - Good Repair No Floor Drain  Kitchen 2 small stainless steel sinks - Good Repair 1 triple stainless steel sink - Good Repair No leaks
SPRINKLER: NONE  FACET/FIXTURES:  * MODEL:  * YEAR:  * MANUFACTURER:  * CONDITION:	

INSPECTION DATE: INSPECTION AGENCY / FIRM: INSPECTORS: TIME OF INSPECTION: WEATHER:	New Haven January 3, 2002 Parsons Brinckerhoff J. Duncan & T. Abrahar A.M. Clear & Cool	CONN. DEPT OF TRAN STATION INSPECTION SHEET 17 OF  mson  Protection (CAFETERIA)	
BOILER: N/A		_	
WATER HEATER: Unkr	nown		
FUEL TYPE: N/A			
HEATING UNIT / FURNACE:	Heating unit located abo	ove the ceiling not accessible during in	spection
FUEL TYPE: Natu	ral Gas, Gas Meter at er	nd of building - Good Repair	
HEATING FILTER: Unkr	nown		
BOILER: N/A			
AC UNIT: Unkr	nown		
One supply and or In cafeteria six sup For general heating	nown ne return register in kitche pply registers -one return g and infiltration air, air s ne walls, air return at the	upplied through grilles	
# OF DAMPERS: N/A			
CONDITION OF DAMPERS:	N/A		
THERMOSTATS: Programm	nable Honeywell		
NIGHT SET BACK: yes			
PUMPS: N/A			

# FIRE PROTECTION

PIPING:

No sprinklers

N/A

STATION: Stratford LINE: New Haven INSPECTION DATE: January 3, 2002 INSPECTION AGENCY / FIRM: Parsons Brinckerhoff INSPECTORS: J. Duncan & T. Abrahamson TIME OF INSPECTION: A.M. WEATHER: Clear & Cool	CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT SHEET 18 OF 65
BUILDING - PLUMBING - C	AFETERIA
RESTROOM	
PIPING: No Leaks WATER PRESSURE: Normal DRAINS: OK FAUCET/FIXTURES:  * MODEL: Unknown  * YEAR: Unknown  * MANUFACTURER: American Standard  * CONDITION: Good ADA Conditions - Not Conforming	Men's Restroom Fixtures: Not Handicapped type, Not Water Conservation type Handicapped Access 1 Urinal - Good Repair 1 Toilet - Good Repair 1 Lavatory - Good Repair Good Condition, clean, Access into the restroom is adequate for the handicapped. Floor Drain
<u>KITCHEN</u>	Exhaust Fan in restroom not working
PIPING: OK WATER PRESSURE: Normal DRAINS: OK FACET/FIXTURES:  * MODEL: Triple bowl stainless steel sinks, one small stai * YEAR: Unknown  * MANUFACTURER: Unknown  * CONDITION: Good	Women's Restroom Same arrangement as men's room, no urinal, Same conditions as men's room Inless steel sink
<u>EXTERIOR</u>	
SPRINKLER: FACET/FIXTURES:  * MODEL: * YEAR:  * MANUFACTURER: * CONDITION:	A

STATION: Stratford		CONN. D	EPT O	F TRAN	NSPORTA	AOIT.
LINE: New Haven		STATION	INSPE	CTION	NREPORT	Γ
INSPECTION DATE:	January 3, 2002	SHEET	19	OF	65	
INSPECTION AGENCY / FIRM:	Parsons Brinckerhoff					
INSPECTORS:	J. Duncan & T. Abrahamson					
TIME OF INSPECTION:	A.M.					
WEATHER:	Clear & Cool					

# **BUILDING -- HVAC - Fire Protection (Helicopter Museum)**

BOILER: Not acce	essible. Basement locked by owner.	
WATER HEATER:	Unknown	
FUEL TYPE: See	Note	
HEATING UNIT / FUR	NACE: <u>Unknown</u>	
FUEL TYPE: See	Note	
HEATING FILTER:	Unknown	
BOILER: N/A		
AC UNIT: Unknow	<u>1</u>	
AC FILTER: Unknow	<u>1</u>	
DUCTS: Und	ler the floor with registers along the walls	
# OF DAMPERS:	Unknown	
CONDITION OF DAMI	<del></del>	Owner Telephone 203 375-5766 We received no response
THERMOSTATS:	In its present location it is enclosed by a mock helicopter cabin. It must be moved to an open area.  Honeywell programmable- Good Repair	
NIGHT SET BACK:	Yes	
PUMPS: Unknow	1	
PIPING: <u>Unknowi</u>	<u>1</u>	

Note: The type of fuel used for the water heater and for heat - Natural Gas. The gas meter is located across the tracks.

STATION: Stratford LINE: New Haven INSPECTION DATE: January 3, 2002  NSPECTION AGENCY / FIRM: Parsons Brinckerhoff INSPECTORS: J. Duncan & T. Abrah TIME OF INSPECTION: A.M. WEATHER: Clear & Cool		CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT SHEET 20 OF 65
BUILDING - PLUMBING	- HELICO	PTER MUSEUM
<u>RESTROOM</u>		
PIPING: No leaks WATER PRESSURE: N/A DRAINS: OK FAUCET/FIXTURES:  * MODEL: Unknown * YEAR: Unknown * MANUFACTURER: Unknown * CONDITION: Good	_	Men's Restroom Fixtures: Not Handicapped type, Not Water Conservation type Handicapped Access available 1 Urinal - Good Repair 1 Toilet - Good Repair 1 Lavatory - Good Repair Good Condition, Clean
<u>KITCHEN</u>		Floor drain Exhaust fan in restroom not working.
PIPING: WATER PRESSURE: DRAINS:		Women's Restroom Same arrangement as men's room, no urinal, Same condition and fixtures as men's room
* MODEL:  * YEAR:  * MANUFACTURER:  * CONDITION:	N/A 	
<u>EXTERIOR</u>		
SPRINKLER: FACET/FIXTURES:  * MODEL:  * YEAR:  * MANUFACTURER:  * CONDITION:	N/A —	

STATION: Stratford		CC	DNN. DE	PT OF	TRAN	SPORT	ATION
LINE	LINE: New Haven STATION INSPECTION REF		REPOR	T			
INSPECTION DATE :	January 3, 2002	SH	IEET _	21	OF _	65	
INSPECTION AGENCY / FIRM	: Parsons Brinckerhoff	_					
INSPECTORS	: J. Duncan & T. Abrahamson	-					
TIME OF INSPECTION:	A.M.	-					
WEATHER	Clear & Cool	-					

# **PLATFORM - PLUMBING**

SPAN	GUTTER	DOWNSPOUT/	CLEAN-OUTS	SPAN	GUTTER	DOWNSPOUT/	CLEAN-OUTS
NO.		PIPING		NO.		PIPING	
Building:	: Gutters and	downspouts at stati	on and helicopter r	nuseum in exc	cellent condition	on.	
There is	a shelter on n	latform with curbed	roof no storm drai	ns			
11101010		lationii wiii odibod					

# PLATFORM - FIXTURES--N/A

SPAN ":	SPAN ":
MODEL:	MODEL:
YEAR:	YEAR:
MANUFACTURER:	MANUFACTURER:
CONDITION:	CONDITION:
	MODEL: YEAR: MANUFACTURER:

STATION:	Stratford	CONN. I	CONN. DEPT OF TRANSPORTATION				
		STATIO	STATION INSPECTION REPORT				
		SHEET	22	OF	65	_	

INSPECTORS: J. Duncan, T. Abrahamson DATE: January 3, 2002

## STATION - MECHANICAL SUMMARY

The station includes two major areas: a day cafeteria and a Chinese restaurant. On the New Haven bound side of the tracks there is a helicopter museum.

### **HVAC Systems**

The cafeteria and the restaurant have separate HVAC systems as well as different occupational requirements. The fuel for heating is natural gas and the two areas have separate gas meters.

The cafeteria's system consists of a heating unit located above the ceiling. Access to this unit was not provided to the inspectors. The cafeteria/waiting room does not have air conditioning. The heating was working satisfactory at the time of the inspection.

The restaurant has two heating and air conditioning units installed and maintained by the owner (this is what the inspectors were told by the restaurant owner). All systems in the restaurant were accessible, working and in good condition.

The Helicopter museum is closed from fall to late spring. The heat in the exhibit area is kept at 50 °F. The inspectors were unable to gain access to the basement where the boiler is located and unable to contact the owner. A Honeywell programmable thermostat is located in the exhibit area enclosed by a mock helicopter cockpit. This thermostat should be moved to an open area so it will accurately control the temperature.

STATION:	Stratford	CONN. DEPT OF TRANSPORTATION				ATION
		STATION INSPECTION REPORT				₹T
		SHEET	SHEET <u>23</u> OF <u>65</u>			

INSPECTORS: J. Duncan, T. Abrahamson DATE: January 3, 2002

## STATION - MECHANICAL SUMMARY CONT.

### Plumbing

The day cafeteria has two restrooms, a men's room and a women's room. The fixtures are not handicapped type, nor water conservation type. The access to the fixtures accommodates a wheel chair. The exhaust ventilation in the restrooms is working but some maintenance is required. The fixtures are in good repair; however, in order to make the system meet ADA requirements the fixtures should be changed and the areas renovated.

The restaurant has two restrooms, a men's room and a women's room. The fixtures are not handicapped type, nor water conservation type. The access to the fixtures accommodates a wheel chair. The exhaust ventilation in the restrooms is working but some maintenance is required. The fixtures are in good repair; however, in order to make the system meet ADA requirements the fixtures should be changed and the areas renovated.

The cafeteria restrooms and the restaurant restrooms are located back to back. If remodeling is done simultaneous the cost will be lower.

The helicopter museum restrooms are clean and in good condition. There is handicapped access, but the fixtures are not handicapped type, nor water conservation type. There are two toilets in the women's restroom and one toilet and a urinal in the men's restroom. The exhaust fans in the restrooms are not working.

## Platform/Building Storm Drainage

The gutters and downspouts at the station and helicopter museum are in excellent condition. The shelter on the platform has a curbed roof and has no storm drains.

STATION: Stratford

LINE: New Haven-Main Branch

INSPECTION DATE: May 14, 2002

INSPECTION AGENCY/FIRM: Warren & Panzer Engineers

INSPECTORS: <u>Josue Garcia</u> WEATHER: <u>Good</u>

S: Josue Garcia

CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT SHEET 24 OF 65

### 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
Platform Warning Strip	1	Yes	3
Light Pole	3	No	3

# Station Building

Surfaces Tested	# of Locations Tested	Lead Presence (>1 mg/cm2)	Rating
Coffee Shop Ext. Siding	7	No	4
Coffee Shop Door and Door Frame	2	No	4
Coffee Shop Drain Pipe	1	No	4
Coffee Shop Window Frame	1	No	4
Restaurant-Int. Chair Rail and Wall Below	4	No	3
Museum-Siding Below 5'	3	No	3
Museum-Siding Above 5'	2	Yes	3
Museum -Canopy Support	1	Yes	3

Surfaces Tested	# of Locations Tested	Lead Presence (>1 mg/cm2)	Rating
Restaurant- Ext. Siding	4	Yes	3
Restaurant-Door and Door Frame & Drain Pipe	4	No	3
Restaurant-Windows	3	Yes	3
Restaurant-Drain Pipe	1	No	3
Restaurant-Int. Wall Above Chair Rail	2	Yes	3
Museum-Window Frames and Sashes and Door Frames	5	Yes	3
Museum- Canopy Underside & Int. Ceilings	Assumed	Yes	3

Lead-Based Paint was found on surfaces noted above. Painted surfaces were found to be in 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 1926.62, and all other applicable regulations.

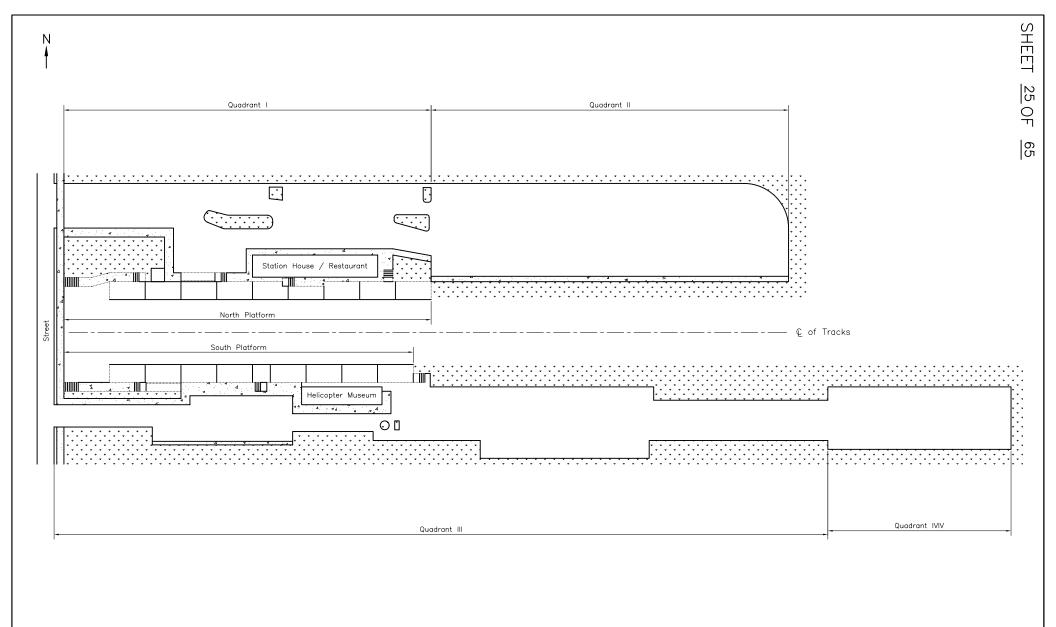
### SUSPECT ASBESTOS-CONTAINING MATERIALS

Listed below are suspect asbestos-containing materials that were observed during a visual inspection. Materials were found to be in fair to 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.

### Station House

Suspect Materials	Rating
Restaurant -Roof Shingles	3
Museum-Roof Shingles	3

<sup>\*</sup> This surface was assumed positive because at the time of inspection this paint surface was not accessible

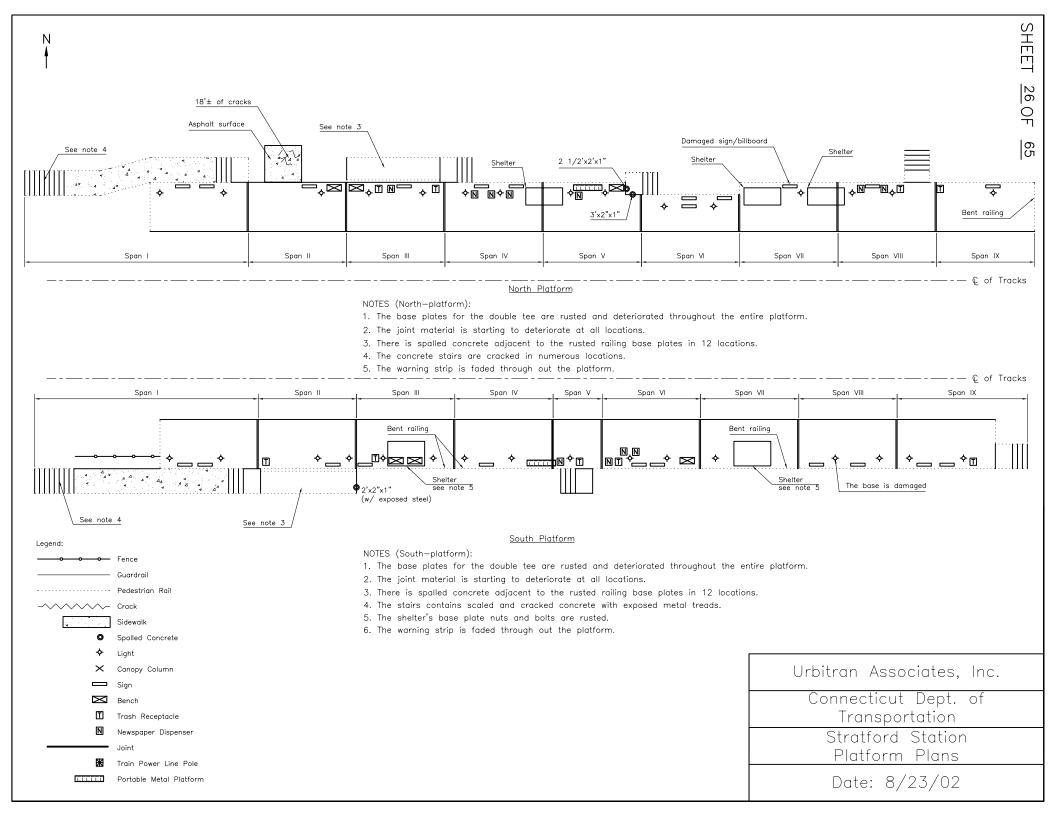


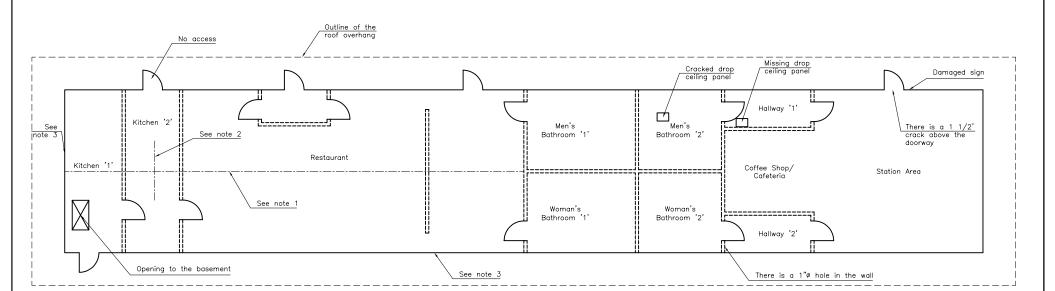
Legend:
Pedestrian Rail
Grass
Sidewalk

Urbitran Associates, Inc.

Connecticut Dept. of
Transportation
Stratford Station
General Plan

Date: 8/23/02





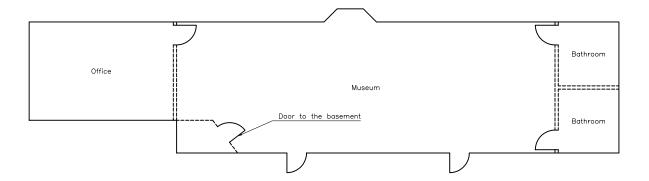
- 1. There is an 1/8" crack at the underside of the beam along the entire length.
- 2. The underside of the beam is deteriorated.
- 3. The base timber panel is missing and damaged in various areas.
- 4. Two windows are cracked on the north exterior face of the building..

Urbitran Associates, Inc.

Connecticut Dept. of Transportation Stratford Station

North Station House Plan

Date: 12/06/01

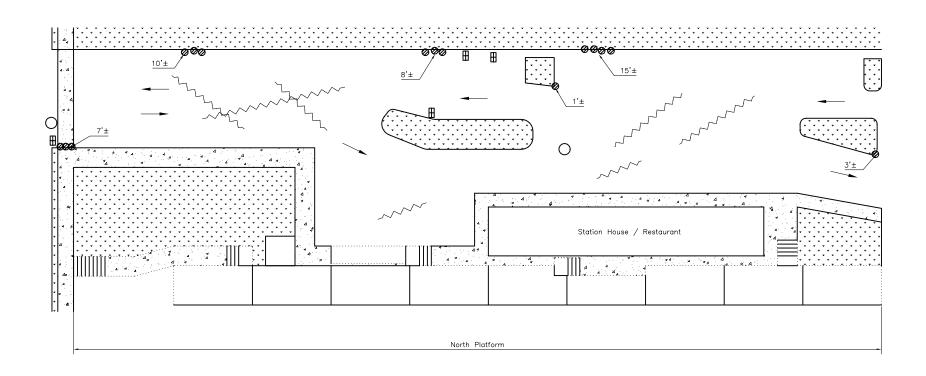


Urbitran Associates, Inc.

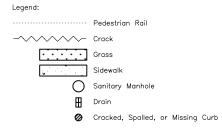
Connecticut Dept. of Transportation Stratford Station

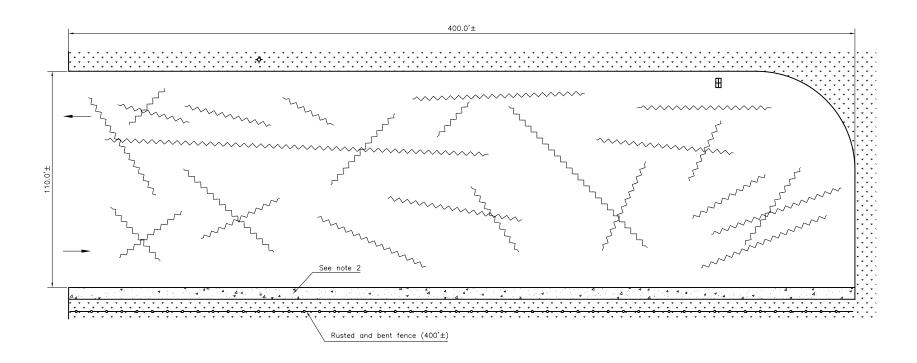
South Station House Plan

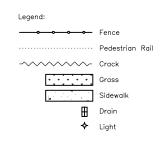
Date: 12/06/01



1. The asphalt surface is cracked 1000'±.







- 1. The asphalt surface is cracks 5000'±.
- 2. The concrete sidewalk is cracked with vegetation growth and an uneven walking surface (400'x5').

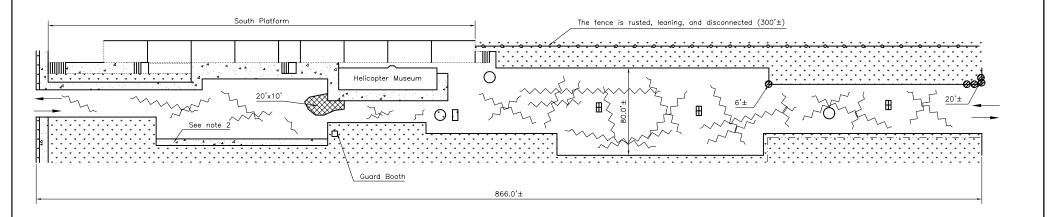
Urbitran Associates, Inc.
Connecticut Dept. of Transportation
Stratford Station Quadrant II Plan
Date: 8/23/02

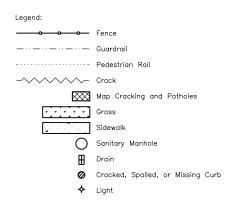
SHEET

<u>30</u> OF

65







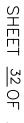
- 1. The asphalt surface is cracked 5000'±.
- 2. The concrete sidewalk is cracked with an uneven walking surface (160'x5').

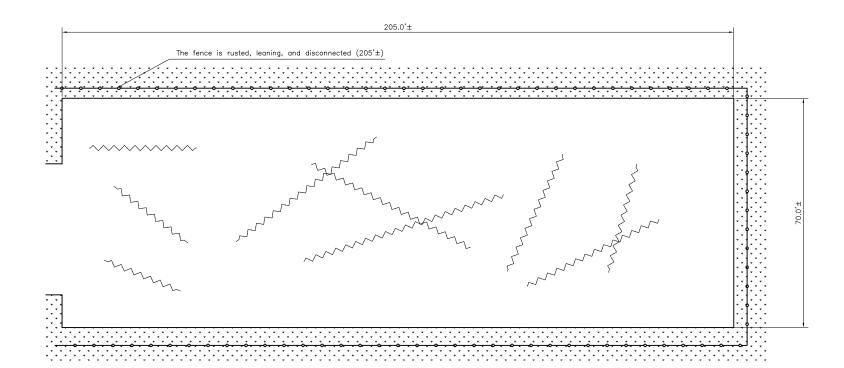
Urbitran Associates, Inc.

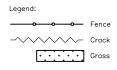
Connecticut Dept. of
Transportation
Stratford Station
Quadrant III Plan

Date: 8/23/02









1. The asphalt surface is cracked 1000' $\pm$ .

Urbitran Associates, Inc.
Connecticut Dept. of Transportation
Stratford Station Quadrant IV Plan

Date: 8/23/02

STATION:	Stratford	CONN. DEPT OF TRANSPORTATION
		STATION INSPECTION REPORT
		SHEET 33 OF 65

INSPECTORS: Pk, RGW DATE: 8/23/02

RATINGS PHOTO		РНОТО	REMARKS:
NEW	PREV	NO.	
2		14	Span IX (N-platform) 1 - The railing is bent in various
			Span III,IV,VII (S-platform) locations
2		15	Span III (N-platform) 2,5 - The concrete is spalled adjacent
			Span II (S-platform) to the rusted railing base plate
		10.17	
2		16-17	Span I (N-platform)  3 - The concrete stairs are cracked
			Span I (S-platform) in various locations; The treads
			were covered with grout, but are
			now being exposed
		40	Constant (III (A) platforms)
3		18	Span I-VIII (N-platform)  4 - The joint filler material is
			Span I-VIII (S-platform) starting to deteriorate
2		10	Chan V (NI platform) 5 The concrete is smalled in two
3		19	Span V (N-platform) 5 - The concrete is spalled in two
			locations
2		20	Span II (S-platform) 5 - The concrete is spalled with
		20	exposed rebar
		1	exposed repai
3		21	Span II (N-platform) 5 - The asphalt surface is cracked
		+	The deprime editate is diagram
2		22	Span VII (N-platform) 7 - The metal cover in the middle of
			the sign/billboard is coming loose
			und digital and domining roots
2		23	All spans 8 - The warning strip paint is faded
			, , , , , , , , , , , , , , , , , , ,
2		24	All spans NA - The base plate for the double tee are
			rusted
		1	
2		25	Span III (S-platform) NA - The shelter's base plate nuts and
		1	bolts are rusted
2		26	Span VIII (S-platform) NA - The light pole base is damaged;
			the base plate is rusted and
			deteriorated
3		27	North Station House Floor - The tile is cracked and
			missing in one location

STATION:	Stratford	CONN. DEPT OF TRANSPORTATION
_		STATION INSPECTION REPORT
		SHEET 34 OF 65

INSPECTORS: Pk, RGW DATE: 8/23/02

RA <sup>-</sup>	TINGS PHOTO REMARKS:		
NEW	PREV	NO.	<u></u>
3		28	North Station House 20 - The drop ceiling panel is
			missing in one location
			· ·
3		29	North Station House 20 - There is a crack in one of the
			drop ceiling panels
2		30	North Station House 25 - There are two windows that are
			cracked
2		31	North Station House NA - There is a 1/8" crack running
			along the entire length of the
			timber beam
2		32	North Station House NA - The bottom of the timber beam is
			deteriorated
_			
2		33	North Station House NA - There is a 1" dia. hole in the wall
		_	
2		34	North Station House NA - The sign is bent.
3		35	North Station House 26 - There base timber board is
	1		cracked and missing in various
		1	locations
2	1	26	Quad I Queb The concrete ourb is applied
3		36	Quad I Curb - The concrete curb is spalled
3	1	27	Ouad I. Curb The conholt ourb is graphed and dislocated
3		37	Quad I Curb - The asphalt curb is cracked and dislocated
2	+	38-39	Quad II III Surface There are arealy with vegetation
		36-39	Quad II, III Surface - There are cracks with vegetation
	+	+	growth, and map cracking
2	+	40	Quad II Sidewalk - The asphalt sidewalk is deteriorated
	+	70	Quad ii Oldewalk - The asphalt sidewalk is deteriorated
2	+	41	Quad III Surface - The asphalt surface is cracked with
2	+	41	potholes
			ροιποιεδ
2	+	43	Quad III Sidewalk - The sidewalk is crack with vegetation
	+	10	growth and an uneven walking surface
	†	1	growth and an unoven waiting surface
2	†	42	Quad III,IV Fence - The fence is bent, rusted, and dislocated
		72	The ferror is being rusted, and distributed

### CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT

	SHEET	35_OF65_
PHOTO NO1  Location: Span IX of the north platform  Description: General view of the north platform  Reference: Looking west		TRASH
PHOTO NO. 2  Location: Span I of the north platform  Description: General view of the north platform  Reference: Looking east	-	

Stratford RGW

STATION: INSPECTORS:

#### CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT 36 OF 65 SHEET

PHOTO NO3  Location: Span I of the south platform  Description: General view of the south platform	TRASH	
Reference: Looking east		
PHOTO NO4  Location: Span IX of the south platform  Description: General view of the south platform  Reference: Looking west		FION: Stratford Stratford

#### CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT SHEET <u>37</u> OF <u>65</u>

PHOTO NO5  Location: North of the north station house  Description: General view of the north station house		
Reference: Looking south		
PHOTO NO. 6  Location: South of the south station house  Description: General view of the south station house  Reference: Looking north	ATIONAL HELICOPTE MUSEUMS	Stratford
		FION:

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#### CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT SHEET 38 OF 65

	<del>_</del> <del>_</del>
PHOTO NO7  Location: West side of Quad I	
Description: General view of Quad I	
Reference: Looking east	
PHOTO NO. 8	
Location: East side of Quad II	
Description: General view of Quad II	
Reference: Looking west	and test of the state of the st

STATION: Stratfo INSPECTORS: RGW

## CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT SHEET 39 OF 65

PHOTO NO. 9		ı	
Location: Middle of Quad III			
Description: General view of Quad III	LOT 2 CANAL CONTROL OF THE PROPERTY OF THE PRO		
Reference: Looking east			
PHOTO NO. <u>10</u>			
Location: Middle of Quad III			
Description: General view of Quad III			
Reference: Looking west		Stratford	RGW
		STATION:	INSPECTORS:
		S	<b>=</b>

#### CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT SHEET 40 OF 65

PHOTO NO. <u>11</u>	
Location: East side of Quad III	
Description: General view of Quad III	
Reference: Looking west	
PHOTO NO. <u>12</u>	
Location: East side of Quad IV	
Description: General view of Quad IV	
Reference: Looking west	Stratford
	STATION:

## CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT SHEET 41 OF 65

PHOTO NO13  Location: West side of Quad IV  Description:	THE CURE FOR THE COMMON 460113	
Reference: Looking east		
PHOTO NO14  Location: Span III of the south platform  Description:		
Typical bent railing  Reference: Looking west		Stratford
		STATION:

#### CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT SHEET 42 OF 65

PHOTO NO. 15 Location: Span III of the north platform Description:

adjacent to the rusted railing base plate

Typical spalled concrete

Reference: Loooking down

PHOTO NO. 16

Location:

Span I of the south platform

Description: Scaled concrete; note the treads were were covered with grout but are now exposed

Reference: Looking down





Stratford RGW

INSPECTORS: STATION:

#### CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT SHEET <u>43</u> OF <u>65</u>

PHOTO NO17	· 1
Location: Span I of the south platform	
Description: Crack concrete stairs	
Reference: Looking east	
PHOTO NO18  Location: Span VII of the south	
Description: Typical deteriorating	
joint material	ord
Reference: Looking down	Stratford S: RGW
	TION: PECTORS:

STA<sup>T</sup>

#### CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT 44 OF 65 SHEET

PHOTO NO. <u>19</u>		
Location: Span V of the north platform		
Description: Spalled concrete		
Reference: Looking down		
PHOTO NO. <u>20</u>		
Location: Span II of the south platform		
Description: Spalled concrete with exposed rebar		
Reference: Looking down	Stratford	RGW
	:NOI	ECTORS:

STATI( INSPE

### CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT

	SHEET	<u>45</u> OF <u>65</u>		
PHOTO NO. 21  Location: Span II of the north platform				
Description: Crack asphalt surface				
Reference: Looking down				
PHOTO NO22  Location:Span VII of the northplatform			LIFE. BOTT SAVE YOURSELF.	

Description: The metal cover in the middle of the sign / billboard is coming loose

Reference: Looking north



Stratford RGW STATION: INSPECTORS:

### CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT

	SHEET	46 OF 65
PHOTO NO. 23		
Location: Span VI of the north platform		
Description: Typical fade warning strip		
Reference: Looking east		
PHOTO NO. 24		
Location: Span I of the south platform		
Description:		

Typical rusted and deteriorated double tee

base plate

Reference: Looking down



Stratford RGW

STATION: INSPECTORS:

#### CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT SHEET 47 OF 65

PH	OTO	NO.	25

Location:

Span III of the south

platform

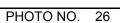
Description:

The shelter's nuts and

bolts are rusted

Reference:

Looking down



Location:

Span VIII of the south

platform

Description:

The base of the light is damaged and the

base plate is rusted

and deteriorated

Reference:

Looking down





Stratford RGW

STATION: INSPECTORS:

## CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT SHEET 48 OF 65

PHOTO NO. 27	]
Location:  Door way to kitchen '1' in the north station house	
Description:  Missing / cracked  floor tile	
Reference: Looking down	
PHOTO NO28	
Location: Hallway '1' in the north station house	
Description:  Missing drop ceiling panel	
Reference: Looking up	Stratford PK, RGW
	JRS:
	STATION: NSPECTORS:

## CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT SHEET 49 OF 65

PHOTO NO. 29								
Location: Middle of the men's			· A					
bathroom '2' in the north station house								
		A						
Description: Cracked drop ceiling			J. J.	1		V		
panel			6					
					· V			
Reference: Looking up								
			1					
PHOTO NO. <u>30</u>								
Location:  North of the north								
station house			D					
Description:								
Cracked window								
					1			
						A	þ	Ν̈́
Reference:		1			4		Stratford	PK, RGW
looking south							၂	
	Ħ.	1				50 40	÷	PECTORS:
							ATION:	PEC.

#### CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT SHEET \_50 OF \_65

PHOTO NO. 31

Location:

Middle of the basement in the north station

house

Description:

1/8" wide center crack running the entire length

of the beam

Reference:

Looking west

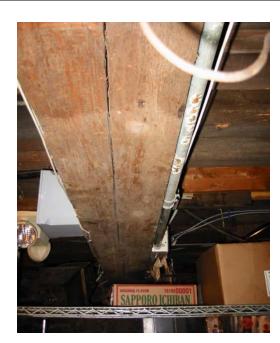


PHOTO NO. 32

Location:

Middle of the basement in the north station

house

Description:

The bottom of the

timber beam is

deteriorated

Reference:

Looking up



Stratford PK, RGW

STATION: INSPECTORS:

### CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT SHEET 51 OF 65

### CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT SHEET 52 OF 65

										Γ
	Reference: Looking down	Description: Spalled concrete curb	Location: West side of Quad I	PHOTO NO. 36	Reference: Looking down	The base timber board is cracked and missing	Description:	South of the north station house	Location:	PHOTO NO. 35
STATION:	Stratford									1
INSPECTORS:	PK, RGW									

#### CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT 53 OF 65 SHEET

	SHILLI	<u> </u>
PHOTO NO. <u>37</u>		
Location: West side of Quad I		
Description: Typical cracked and dislocated asphalt curb		
Reference: Looking east		
PHOTO NO. <u>38</u>		
Location: Middle of Quad III		
Description: Typical crack with vegetation growth		
Reference:		Stratford
Looking down		Straffc  RGW
		TION:

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#### CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT SHEET <u>54</u> OF <u>65</u>

PHOTO NO. <u>39</u>	ı
Location: Middle of Quad II	
Description:	
Typical cracked asphalt	
Reference:	
Looking down	
PHOTO NO40	
Location: South side of Quad II	
Description:	
Deteriorated asphalt sidewalk with vegetation growth	
Reference:	Stratford RGW
Looking east	•
	ATION: PECTORS:

STA

# CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT SHEET 55 OF 65

PHOTO NO41		
Location:  Middle of Quad III		
Description: Cracked asphalt surface with potholes		
Reference: Looking west		
PHOTO NO. <u>42</u>		
Location: West side of Quad IV	ç	
Description: Typical damaged fence		
	p	
Reference: Looking northwest	Stratford	RGW
	100	INSPECTORS:

# CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT SHEET 56 OF 65

PHOTO NO. 43  Location: South side of Quad III		
Description: Cracked concrete sidewalk with vegetation growth and an uneven walking surface		
Reference: Looking east		
PHOTO NO		
Description:		
Reference:	Stratford	RGW
	STATION:	INSPECTORS: RGW

### CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT

	SHEET 57 OF 65
PHOTO NO. 44  Location:     southbound side     of tracks  Description:     electrical service     pole for the platform  Reference:     Platform Service     Section	
PHOTO NO. 45  Location:     chinese restaurant     kitchen  Description:     electrical panel     board	IN III AND

Reference:
Station Building
Electrical Service

STATION: Stratford
INSPECTORS: Jim Connell & Dave Lang

### CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT SHEET 58 OF 65

	SHEET <u>58</u> OF <u>65</u>	
PHOTO NO. 46  Location:     waiting room  Description:     waiting room and shop lighting  Reference:     Station Building     Lighting Section		
PHOTO NO47  Location:chinese restaurant  Description:kitchen lighting		Lang
Reference: Station Building Lighting Section		STATION: Stratford INSPECTORS: Jim Connell & Dave Lang

#### CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT SHEET 59 OF 65

	SHEET 59 OF 65
PHOTO NO. 48	
Location:platform	
Description: platform lighting and speakers	Track 3
Reference: Platform Lighting Section	
	Str
PHOTO NO. 49  Location: platform	
Description: typical receptacle in light pole	TI

Reference:
Platform Electrical
Service Section

STATION: Stratford INSPECTORS: Jim Connell & Dave Lang

### CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT SHEET 60 OF 65

	SHEET <u>60</u> OF <u>65</u>		
PHOTO NO. 50  Location:     platform  Description:     platform light pole     missing handhole     cover (typ)  Reference:     Platform Lighting			
PHOTO NO. 51  Location:     under platform  Description:     lighting junction     box in need of     repair		Bu	
Reference: Platform Electical Service Section		Stratford INSPECTORS: Jim Connell & Dave Lang	

#### CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT SHEET 61 OF 65

PHOTO NO. 52

Location:

STRATFORD RESTAURANT

Description:

Kitchen Hood

Roof Fan

Reference:

Mechanical

PHOTO NO. 53

Location:

STRATFORD STATION

Description:

Restaurant

end of building

Natural Gas meters

(3). One Restaurant

One Cafeteria, One Helicopter Museum

Reference: Museum

across tracks

Mechanical





STRATFORD

J. Duncan & T. Abrahamson STATION: INSPECTORS:

#### CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT 62 OF 65 SHEET

PHOTO NO. 54

Location:

CAFETERIA RESTROOM

Description:

Men's room partial

Reference:

Mechanical



PHOTO NO. 55

Location:

CAFETERIA RESTROOM

Description:

Same as above partial view of men's room

Reference:

Mechanical



INSPECTORS: STATION:

STRATFORD J. Duncan & T. Abrahamson

# CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT SHEET 63 OF 65

PHOTO NO56  Location:STRATFORDSTATION		
Description: Wall fan at restaurant in kitchen for summer heat exhaust		
Reference:  Mechanical	oc Mil	
		STRATFORD
		STATION: STR.

INSPECTORS: J. Duncan & T. Abrahamson

CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT 64 OF 65 SHEET

PHOTO NO. 57 Location: STRATFORD STATION Description: Rear view of Stratford Station, gutters and downspouts in good repair

Reference: Mechanical



STATION:

STRATFORD J. Duncan & T. Abrahamson INSPECTORS:

Stratford Station				
Description		Quantity	Price / Unit	Total Cost
Replace sidewalk				
-Remove asphalt		52.00	\$22.00	\$1,144.00
-6" asphalt top course and binder course	yd <sup>2</sup>	312.00	\$25.00	\$7,800.00
Fill in cracked asphalt		12000.00	\$2.00	\$24,000.00
Replace the fence	ft	905.00	\$48.00	\$43,440.00
Remove and install curb	ft	64.00	\$100.00	\$6,400.00
Fill in joint material		240.00	\$9.00	\$2,160.00
Grout stair treads	ft <sup>2</sup>	200.00	\$40.00	\$8,000.00
Fill concrete cracks	ft	9.00	\$60.00	\$540.00
Repair spalled concrete	ft <sup>2</sup>	26.00	\$40.00	\$1,040.00
Clean and paint warning strip	ft	720.00	\$18.00	\$12,960.00
Replace pedestrian railing	ft	160.00	\$100.00	\$16,000.00
Misc. (clean and paint structural steel )	LS	-	-	\$4,500.00
Misc. (signs, windows, drop ceiling, and etc.)	LS	-	-	\$5,000.00
Move Thermostat (Helicopter Museum)	LS	-	-	\$400.00
Plumbing cafeteria restrooms (ADA compliance)	LS	-	-	\$8,000.00
Plumbing restaurant restrooms (ADA compliance)	LS	-	-	\$8,000.00
Plumbing helicopter museum restrooms (ADA compliance)	LS	-	-	\$8,000.00
New exhaust fans in restrooms (Helicopter Museum)	LS	-	-	\$2,000.00
Replace panel boards	EACH	1.00	\$620.00	\$620.00
Repair/Replace platform receptacles	EACH	4.00	\$50.00	\$200.00
Replace platform luminaires *	EACH	34.00	\$2,800.00	\$95,200.00
Replace platform lighting conduit/conduit fittings				
-fittings	EACH	34.00	\$75.00	\$2,550.00
-conduit	EACH	1000.00	\$9.20	\$9,200.00
-type XHHW conductors	EACH	4000.00	\$0.50	\$2,000.00
Mobilization / Demobilization (10%)				\$26,915.40
Sub-total				\$296,069.40
Contingency (20%)				\$59,213.88
Grand Total				\$355,283.28
Say				\$356,000.00

<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.