

CONNECTICUT  
DEPARTMENT  
OF  
TRANSPORTATION



CONDITION INSPECTION  
FOR THE  
ROWAYTON 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: Rowayton  
LINE: New Haven Line  
INSPECTION DATE: 8/02/02  
INSPECTION AGENCY / FIRM: UA  
INSPECTORS: RGW  
WEATHER: Sunny, 80's

CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
SHEET 4 OF 54

### PARKING ELEMENTS

#### QUADRANT # I

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

CONDITION OF PAVED SURFACE: 2

CONDITION OF STRIPING: 3

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

SIGNAGE: 3

FENCE AND GUARDRAIL: 5

LANDSCAPE: 3

SIDEWALK: 2

CURB: 2

#### QUADRANT # II

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

CONDITION OF PAVED SURFACE: 2

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 : 2

STATION: Rowayton  
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**PARKING ELEMENTS**

**QUADRANT # III**

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

CONDITION OF PAVED SURFACE: 3

CONDITION OF STRIPING: 3

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

SIGNAGE: 3

FENCE AND GUARDRAIL: 3

LANDSCAPE: 3

SIDEWALK: 5

CURB: 3

**QUADRANT # IV**

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

CONDITION OF PAVED SURFACE: 2

CONDITION OF STRIPING: 3

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

SIGNAGE: 3

FENCE AND GUARDRAIL: 3

LANDSCAPE: 3

SIDEWALK: 3

CURB : 3





STATION: Rowayton  
 LINE: New Haven  
 INSPECTION DATE : January 9, 2002  
 INSPECTION AGENCY / FIRM: Parsons Brinckerhoff  
 INSPECTORS: Jim Connell & Dave Lang  
 TIME OF INSPECTION: P.M.  
 WEATHER: Clear

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**EASTBOUND AND WESTBOUND PLATFORMS --- SERVICE**

Voltage Rating (V)	120/240	Type of 3 phase connection		Delta	n/a	Wye	n/a
		Method of Entrance		Overhead	n/a	Underground	n/a
Rating of Main Breaker (A)	unknown	Origin of Service		Pole	n/a	Transformer	n/a
		Code Compliant		Yes	n/a	No	n/a
Quantity of Phases	1	Pole Number & Street	SNET 7508 Rowayton St	Wire Sizes	unknown		

Remarks: Electrical service to the westbound platform originates from the station building. The eastbound platform electrical service terminates in an electrical enclosure mounted on the platform. We were unable to gain access to the enclosure to verify the condition of the main panelboard.

**EASTBOUND AND WESTBOUND PLATFORMS --- ELECTRICAL SYSTEMS**

Electrical Device	Manufacturer	Model Number	Rating	Location	Estimated Age/Life(y/y)	Visual Condition
Main Distribution Panel	unknown	unknown	unknown	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	17/ 20	minor deterioration
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: Rowayton

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INSPECTORS: Jim Connell & Dave Lang

DATE: January 9, 2002

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

The westbound platform is serviced from the station building and the eastbound platform is serviced independently. To reduce the risk of electric shock, the platform non-GFCI receptacles should be replaced with GFCI type.

The westbound and the eastbound platforms exceed the minimum maintained light level recommendation of IESNA with 5.9 and 6.6 foot-candles, respectively. A few of the light poles on the platforms are missing their handhole covers and they should be replaced. Additionally, corrosion exists on the conduit fittings feeding the light poles and may need to be replaced in the near future. The heavy use of salt on the platforms during the winter months may be the cause of the corrosion.

STATION: Rowayton  
 LINE: New Haven  
 INSPECTION DATE : January 9, 2002  
 INSPECTION AGENCY / FIRM: Parsons Brinckerhoff  
 INSPECTORS: Jim Connell & Dave Lang  
 TIME OF INSPECTION: P.M.  
 WEATHER: Clear

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 STATION INSPECTION REPORT  
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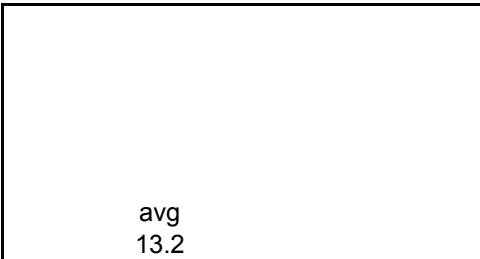
**STATION BUILDING --- LIGHTING**

Fixture Type	Manufacturer	Model Number	Rating	Support Condition	Estimated Age/Life(y/y)	Visual Condition
2ft x 4ft fluorescent	unknown	unknown	3	3	17/ 20	minor deterioration
4 ft industrial fluorescent	unknown	unknown	3	3	17/ 20	minor deterioration
Exit	n/a	n/a	n/a	n/a	n/a	n/a
Emergency Egress	n/a	n/a	n/a	n/a	n/a	n/a

Remarks: A typical section of the waiting room was measured and found to average 13.2 fc.  
The exit signs are not illuminated and there is no emergency egress lighting.  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**STATION BUILDING --- LIGHTING LEVELS (fc)**

ROOM DESC:      A          B          C          D

1				
2				
3				
4				
	avg 13.2			

ROOM DESC:      A          B          C          D

1				
2				
3				
4				

ROOM DESC:      A          B          C          D

1				
2				
3				
4				

ROOM DESC:      A          B          C          D

1				
2				
3				
4				

STATION: Rowayton  
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 INSPECTION DATE : January 9, 2002  
 INSPECTION AGENCY / FIRM: Parsons Brinckerhoff  
 INSPECTORS: Jim Connell & Dave Lang  
 TIME OF INSPECTION: P.M.  
 WEATHER: Clear

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**STATION BUILDING --- 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)	225	Origin of Service		Pole	X	Transformer	n/a
		Code Compliant		Yes	X	No	n/a
Quantity of Phases	1	Pole Number & Street	SNET 8475 Belmont PI	Wire Sizes	unknown		

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

**STATION BUILDING --- ELECTRICAL SYSTEMS**

Electrical Device	Manufacturer	Model Number	Rating	Location	Estimated Age/Life(y/y)	Visual Condition
Main Distribution Panel	Square D	QBL-34235	3	electrical closet	17/ 20	minor deterioration
Main Disconnect Switch	Square D	unknown	3	electrical closet	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	3	throughout	17/ 20	minor deterioration
Public Telephone	n/a	n/a	n/a	n/a	n/a	n/a
Station Telephone	unknown	n/a	n/a	unknown	n/a	unknown
Coffee Shop Panel	Federal Electric	108	2	waiting room	35/ 20	serious deterioration
Coffee Shop Panel	Trumbull Electric	29A4	2	waiting room	35/ 20	serious deterioration

Remarks: The electrical panels in the coffee shop are out dated and should be replaced.  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

STATION: Rowayton  
 LINE: New Haven  
 INSPECTION DATE : January 9, 2002  
 INSPECTION AGENCY / FIRM: Parsons Brinckerhoff  
 INSPECTORS: Jim Connell & Dave Lang  
 TIME OF INSPECTION: P.M.  
 WEATHER: Clear

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**STATION BUILDING --- FIRE ALARM SYSTEM**

Fire Alarm Device	Manufacturer	Model Number	Rating	Quantity	Location	Estimated Age/Life(y/y)	Visual Condition
Fire Alarm Control Panel	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Heat Detector	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Smoke Detector	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Pull Station	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Annunciator	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Audio/Visual Device	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Remarks: There is no fire detection system in this building.

**STATION BUILDING --- SKETCHES**



STATION: Rowayton

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INSPECTORS: Jim Connell & Dave Lang

DATE: January 9, 2002

**STATION BUILDING --- ELECTRICAL AND LIGHTING SUMMARY**

The main electrical panelboard is in good working condition but the remaining two sub-panelboards should be replaced. Both the manufacturers have been out of business for many years and it is questionable if they are operating as designed.

The building waiting room lighting maintains an average of 13.2 foot-candles. Exit and emergency egress lighting does not exist in the building. We suggest that this lighting be installed for the building to become compliant with NFPA 101.

There is no fire detection system in the building; therefore, the system cannot meet the ADA requirements to have visual signal devices in all common spaces

STATION: Rowayton  
LINE: New Haven  
INSPECTION DATE : January 9, 2002  
INSPECTION AGENCY / FIRM: Parsons Brinckerhoff  
INSPECTORS: J. Duncan & T. Abrahamson  
TIME OF INSPECTION: P.M.  
WEATHER: Clear & Cold

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**BUILDING -- HVAC - Fire Protection**

BOILER: Weil McLain, hot water oil burner, Model WT00-4, capacity 151,000 Btu/hr  
Net Rating 131,000 Btu/hr, includes a coil for producing domestic hot water  
At this time the boiler is working but it is deficient because rust and deterioration  
is shown. Pipes are rusted and not insulated. The combustion air openings are not  
in accordance with the Code (BOCA International Mechanical Code).

FUEL TYPE: No. 2 oil from an oil tank of 250 gallon capacity

HEATING UNIT / FURNACE: N/A

FUEL TYPE: N/A

HEATING FILTER: N/A

AC UNIT: N/A

AC FILTER: N/A

DUCTS: N/A

# OF DAMPERS: N/A

CONDITION OF DAMPERS: N/A

THERMOSTATS: Old manual Honeywell

NIGHT SET BACK: None

PUMPS: Hot water circulating pump Taco 007BF4-JW 1/25 HP - Good Repair

PIPING: Pipes to boiler are rusted, pipes to radiators are in good condition

1 radiator in each of the two restrooms - Good Repair  
No Fire Protection, no sprinklers  
Portable fire extinguisher 10 lb capacity. - Good Repair  
Old fashion steel hot water radiator in office and two larger ones in the cafeteria/waiting area. - Good Repair

STATION: Rowayton  
 LINE: New Haven  
 INSPECTION DATE : January 9, 2002  
 INSPECTION AGENCY / FIRM: Parsons Brinckerhoff  
 INSPECTORS: J. Duncan & T. Abrahamson  
 TIME OF INSPECTION: P.M.  
 WEATHER: Clear & Cold

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**EASTBOUND AND WESTBOUND PLATFORMS - PLUMBING**

SPAN NO.	GUTTER	DOWNSPOUT/ PIPING	CLEAN-OUTS	SPAN NO.	GUTTER	DOWNSPOUT/ PIPING	CLEAN-OUTS
Eastbound platform	<u>Shelter</u>						
	Gutters in good condition, system with no downspouts						
Westbound platform	<u>Canopy</u>						
	There is a platform storm canopy that is equipped with two PVC pipe downspouts, in good condition and two sheet metal downspouts also in good condition. One downspout support is broken.						

**PLATFORM - FIXTURES--N/A**

SPAN #: \_\_\_\_\_  
 MODEL: \_\_\_\_\_  
 YEAR: \_\_\_\_\_  
 MANUFACTURER: \_\_\_\_\_  
 CONDITION: \_\_\_\_\_

SPAN #: \_\_\_\_\_  
 MODEL: \_\_\_\_\_  
 YEAR: \_\_\_\_\_  
 MANUFACTURER: \_\_\_\_\_  
 CONDITION: \_\_\_\_\_

SPAN #: \_\_\_\_\_  
 MODEL: \_\_\_\_\_  
 YEAR: \_\_\_\_\_  
 MANUFACTURER: \_\_\_\_\_  
 CONDITION: \_\_\_\_\_



STATION: Rowayton  
LINE: New Haven  
INSPECTION DATE : January 9, 2002  
INSPECTION AGENCY / FIRM: Parsons Brinckerhoff  
INSPECTORS: J. Duncan & T. Abrahamson  
TIME OF INSPECTION: P.M.  
WEATHER: Clear & Cold

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### BUILDING - PLUMBING

#### RESTROOM

PIPING: No Leaks  
WATER PRESSURE: Normal  
DRAINS: OK  
FAUCET/FIXTURES:  
\* MODEL: Unknown  
\* YEAR: Unknown  
\* MANUFACTURER: Unknown  
\* CONDITION: Good

Men's and Women's Rooms  
Both have same fixtures

1 Toilet - Good Repair  
1 Lavatory - Good Repair

Fixtures are not handicapped type,  
not water conservation type  
Area is not handicapped accessible

Water & drain pipes are not insulated  
No floor drain

Fixtures are in good working condition  
but they are not conforming with ADA standards

#### KITCHEN

PIPING: \_\_\_\_\_  
WATER PRESSURE: \_\_\_\_\_  
DRAINS: \_\_\_\_\_  
FAUCET/FIXTURES: \_\_\_\_\_ As Described  
\* MODEL: \_\_\_\_\_  
\* YEAR: \_\_\_\_\_  
\* MANUFACTURER: \_\_\_\_\_  
\* CONDITION: \_\_\_\_\_

Common area cafeteria and waiting area

1 utility stainless steel sink  
Good condition, no leaks.

#### EXTERIOR

SPRINKLER: \_\_\_\_\_  
FAUCET/FIXTURES: \_\_\_\_\_  
\* MODEL: \_\_\_\_\_ N/A  
\* YEAR: \_\_\_\_\_  
\* MANUFACTURER: \_\_\_\_\_  
\* CONDITION: \_\_\_\_\_

3 downspouts at the building are 4" PVC pipes, good condition. One downspout is sheet metal, in good condition.

STATION: Rowayton

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STATION INSPECTION REPORT  
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INSPECTORS: J. Duncan, T. Abrahamson

DATE: January 9, 2002

### **STATION – MECHANICAL SUMMARY**

#### HVAC

The station is equipped with an old hot water producing boiler in deficient condition. The boiler uses an oil burner. It is working at this time but it looks more than 25 years old (see picture 51). The life expectancy for such a boiler is 20-25 years. Due to this situation the boiler must be scheduled for replacement. The system does not have an expansion tank or a floor drain which is required by current code. The hot water heating pipes also need replacement. When new piping is installed it shall be insulated. The pipes observed are rusted and have no insulation. A required outside opening for combustion air could not be seen. When a new boiler is installed two such protected (louver & screen) openings must be provided.

The present old fashion thermostat must also be replaced with a night set back programmable one.

There are no sprinklers installed at the station, but there are operable portable fire extinguishers for periods of occupancy.

#### Plumbing

The men's and women's room both have the same type of fixtures including one lavatory and one toilet. Fixtures are not handicapped type; however, the area is handicapped accessible. The toilet fixtures are not water conservation type, but the fixtures are in good condition. When remodeling is executed, the fixtures should be changed to handicapped type to conform to ADA regulations. The lavatory pipes should also be insulated to conform to ADA regulations. There is no floor drain in the restrooms. For public applications it should be installed.

In the Common area/waiting area, there is one utility stainless steel sink in good condition with no leaks.

STATION: Rowayton

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INSPECTORS: J. Duncan, T. Abrahamson DATE: January 9, 2002

**STATION – MECHANICAL SUMMARY**

Building/Platform Storm Drainage

The shelter on the platform opposite the station house has gutters in good condition but is missing downspouts.

There is a platform storm canopy that is equipped with two PVC pipe downspouts, in good condition and two sheet metal downspouts also in good condition. One downspout support is broken.

The building gutters and downspouts are in good condition, the building has three downspouts that are 4" PVC pipes and one downspout is sheet metal.

STATION: Rowayton  
 LINE: New Haven-Main Line  
 INSPECTION DATE: May 10, 2002  
 INSPECTION AGENCY/FIRM: Warren & Panzer Engineers  
 INSPECTORS: Hortense Oliveira  
 WEATHER: Good

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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
Canopy Columns	2	No	3
Platform Warning Strip	1	Yes	3

**Station Building**

Surfaces Tested	# of Locations Tested	Lead Presence (>1 mg/cm <sup>2</sup> )	Rating
Exterior Walls	2	No	3
Door Frames	1	Yes	3
Doors	3	Yes	3

Surfaces Tested	# of Locations Tested	Lead Presence (>1 mg/cm <sup>2</sup> )	Rating
Window Unit	1	Yes	3
Canopy Underside	2	No	3
Exterior Baseboard	1	No	3

Lead-Based Paint was found on surfaces noted above. Painted surfaces observed were found to be in fair to good condition. The interior of the building was not accessible at the time of the inspection, therefore any painted surfaces that may be found shall be treated as lead containing until further testing is conducted. 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

**SUSPECT ASBESTOS-CONTAINING MATERIALS**

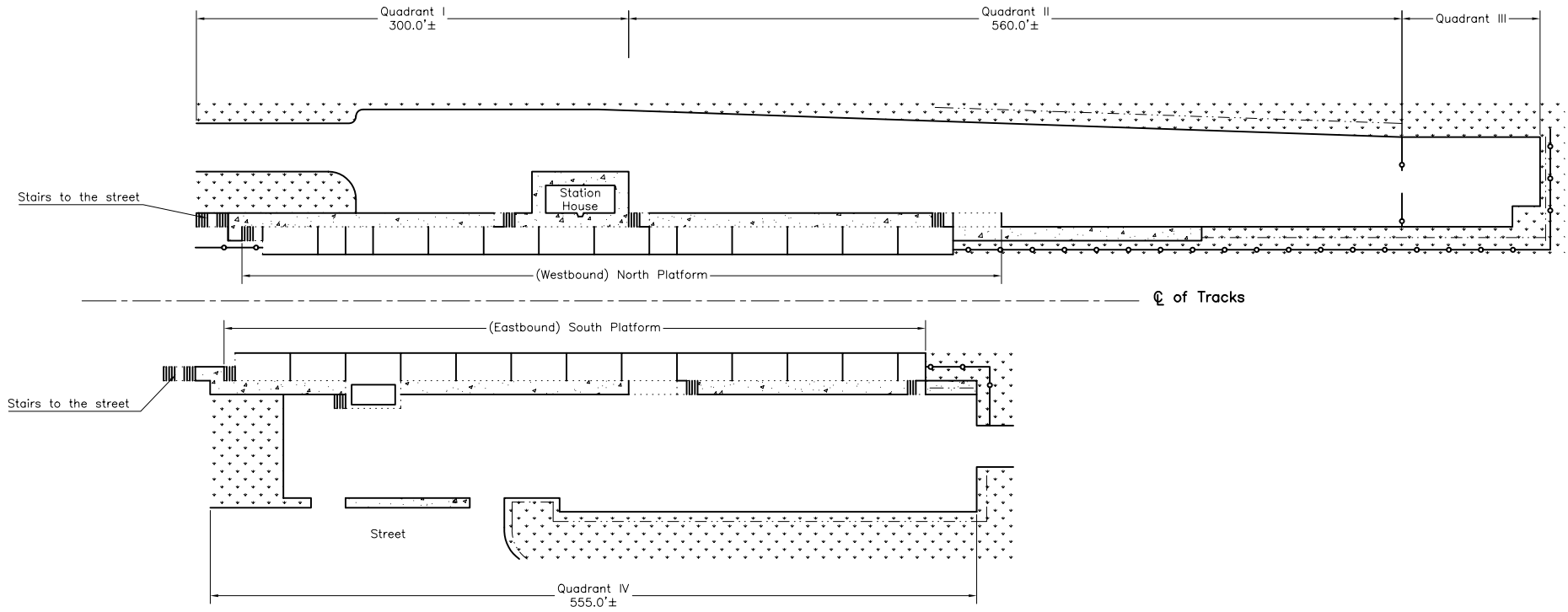
Listed below are suspect asbestos-containing materials that were observed during a visual inspection. Materials were found to be in fair to good condition. Any future disturbance of these materials should be preceded by the collection of samples and laboratory analysis of these samples. This work must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

**Platform**

Suspect Materials	Rating
Caulking on Platform Seams	3

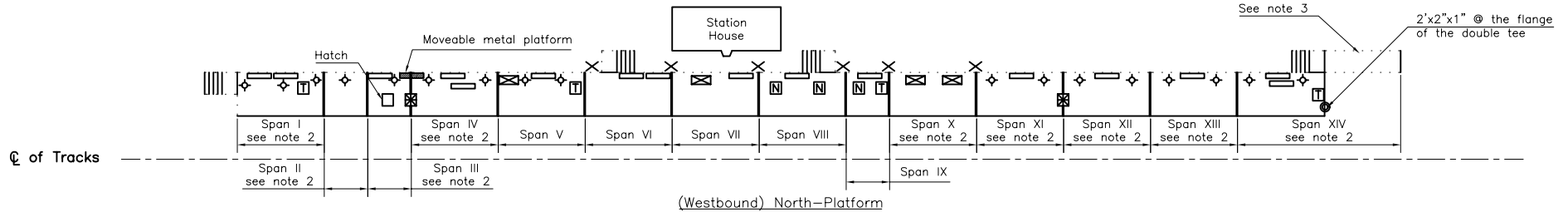
**Station House**

Suspect Materials	Rating
Window Glazing	3



- Legend:
- Fence
  - Guardrail
  - Pedestrian Rail
  - Grass
  - Sidewalk

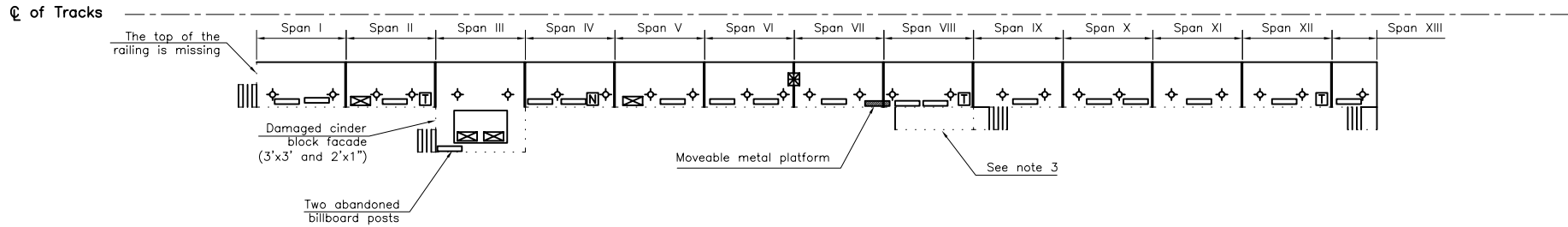
Urbitran Associates, Inc.
Connecticut Dept. of Transportation
Rowayton Station General Plan
Date: 8/02/02



(Westbound) North-Platform

NOTES (North-platform):

1. The base plates for the double tee are rusted and deteriorated.
2. The railing base plates are rusted.
3. In 11 locations there is spalled concrete adjacent to the rusted railing base plates.
4. The canopy framing materials are rusted in Spans VI-XI.



(Eastbound) South-Platform

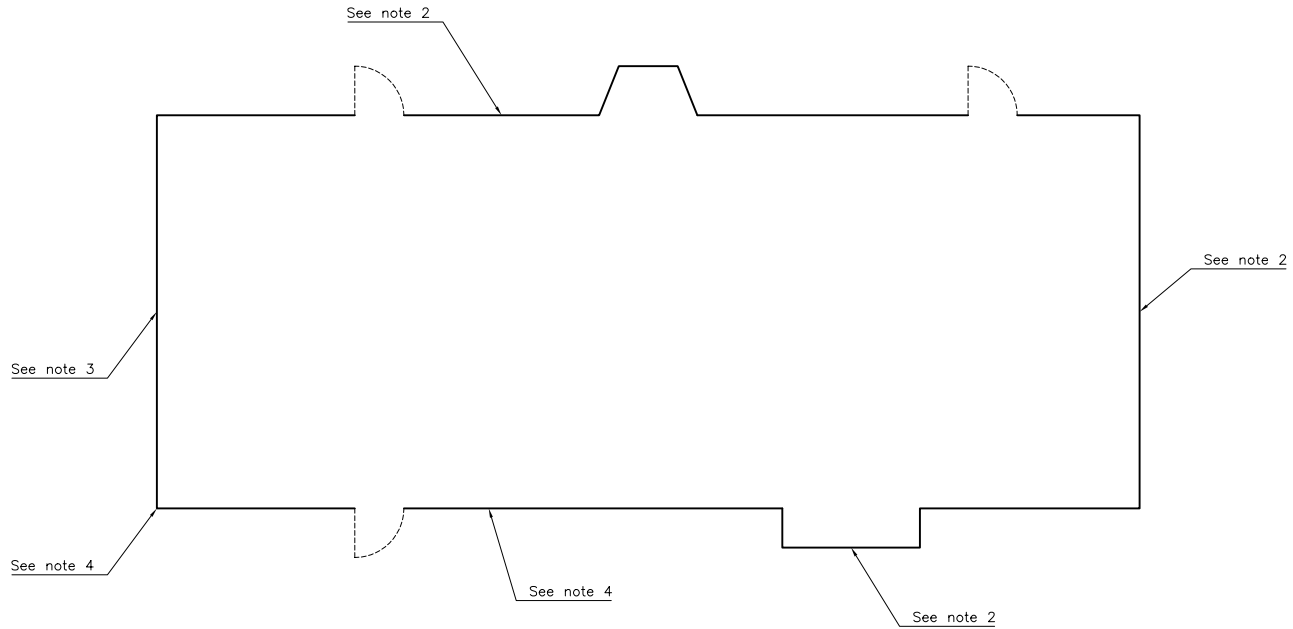
NOTES (South-Platform):

1. The warning strip is faded throughout this platform.
2. The base plates for the double tees are rusted and deteriorated.
3. In 12 locations there is spalled or cracked concrete adjacent to the rusted railing base plates.
4. In every span the railing base plates are rusted.

Legend:

- ..... Pedestrian Rail
- Spalled Concrete
- ◆ Light
- × Canopy Column
- ▭ Sign
- ⊠ Bench
- ⊞ Trash Receptacle
- ⊞ Newspaper Dispenser
- Joint
- ⊞ Train Power Line Pole

Urbitran Associates, Inc.
Connecticut Dept. of Transportation
Rowayton Station Platform Plans
Date: 8/02/02



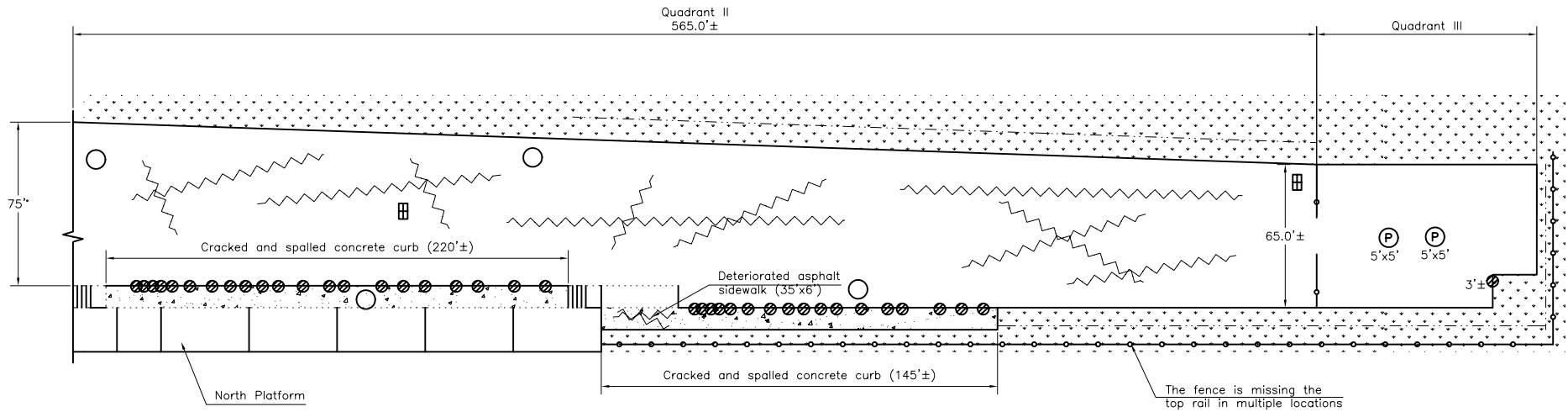
NOTES:

1. The roof shingles are starting to uplift.
2. There are isolated areas where the exterior elevation is cracked.
3. There is an isolated area where the gutter is dislocated from the roof.
4. There are isolated areas where the paint is chipped.
5. At the time of inspection we could not get access to the interior of the station house.

Urbitran Associates, Inc.
Connecticut Dept. of Transportation
Rowayton Station Station House Plan
Date: 12/07/01







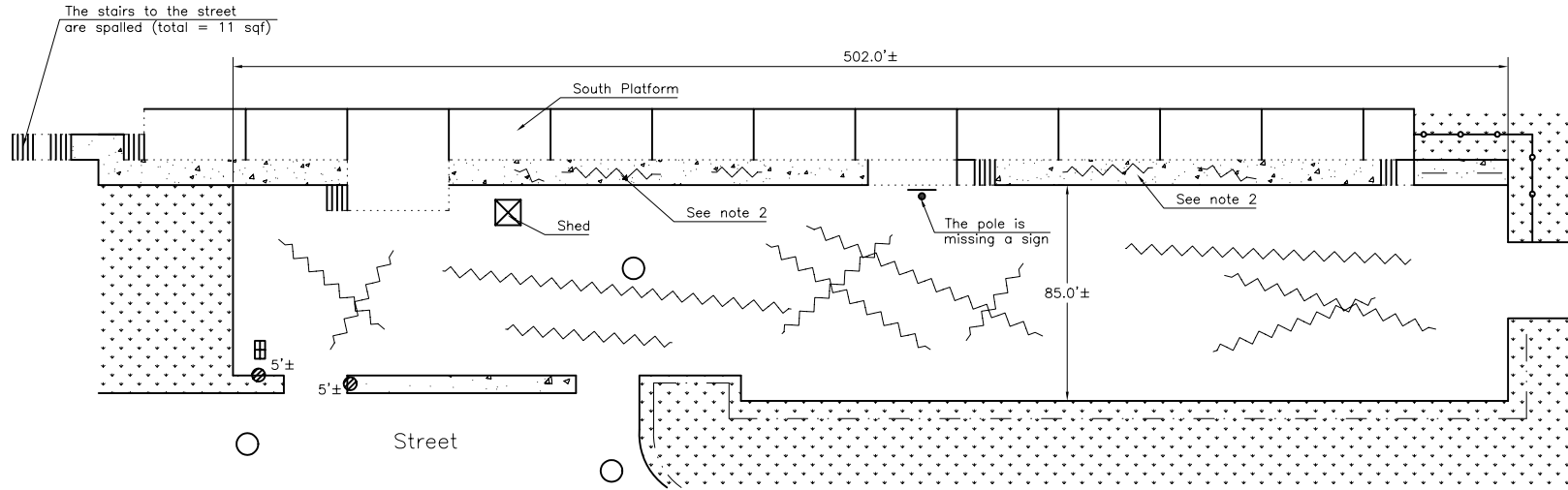
NOTES:

1. The asphalt surface in Quadrant II contains numerous cracks with vegetation growth.

Legend:

- Fence
- Guardrail
- Pedestrian Rail
- Crack
- Grass
- Sidewalk
- Sanitary Manhole
- Drain
- Cracked, Spalled, or Missing Curb
- Pit

Urbitran Associates, Inc.
Connecticut Dept. of Transportation
Rowayton Station Quadrant II and III Plan
Date: 8/02/02



NOTES:

1. The asphalt surface contains numerous cracks with vegetation growth.
2. There are random cracks in the asphalt sidewalk (60'±).

Legend:

- Fence
- Guardrail
- Pedestrian Rail
- Crack
- Grass
- Sidewalk
- Sanitary Manhole
- Drain
- Cracked, Spalled, or Missing Curb
- Sign

Urbitran Associates, Inc.
Connecticut Dept. of Transportation
Rowayton Station Quadrant IV Plan
Date: 8/02/02

STATION: RowaytonCONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
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RATINGS		PHOTO NO.	REMARKS:
NEW	PREV		
2		13	Span I (S-platform) <b>1</b> - The top of the railing is missing
2		14	Span I-IV,X-XIV (N-platform) <b>2</b> - The railing base plates are Span I-XIII (S-platform) rusted and deteriorated
2		15	Span XIV (N-platform) <b>2</b> - There is spalled concrete adjacent Span VIII (S-platform) to the rusted railing base plate
2		16	Span III (S-platform) <b>7</b> - There are two abandoned billboard posts
3		17-18	Span VI-XI (N-platform) <b>11,13</b> - The canopy members are rusted
3		19	Span XIV (N-platform) <b>15</b> - The double tee flange is spalled in an isolated area
2		20	All Spans <b>NA</b> - The base plates for the double tee are rusted Both platforms and deteriorated
2		21	Span III (S-platform) <b>NA</b> - The cinder block façade is damaged
3		22,24	Station House <b>27</b> - The building façade is scaled in an isolated area
3		23	Station House <b>27</b> - There are random cracks on the exterior elevations
3		25	Station House <b>30</b> - The roof shingles are starting to uplift
2		26	Station House <b>NA</b> - The gutter is dislocated from the roof
2		27-28	Quad I,II,IV <b>Surface</b> - There are numerous cracks, and cracks with vegetation growth
3		29	Quad I <b>Sign</b> - The paint on the sign is faded
2		30	Quad I <b>Sidewalk</b> - The sidewalk contains cracks with vegetation growth and an uneven walking surface
2		31	Quad I,II <b>Curb</b> - The concrete curb is spalled in numerous locations



CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
SHEET 27 OF 54

PHOTO NO. 1

Location: Span VIII of the north platform

Description: General view of the north platform

Reference: Looking east



PHOTO NO. 2

Location: Span VIII of the north platform

Description: General view of the north platform

Reference: Looking west



STATION: Rowayton

INSPECTORS: RGW

CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
SHEET 28 OF 54

PHOTO NO. 3

Location: Span VI of the south platform

Description: General view of the south platform

Reference: Looking west



PHOTO NO. 4

Location: Span VI of the south platform

Description: General view of the south platform

Reference: Looking east



STATION: Rowayton

INSPECTORS: RGW

CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
SHEET 29 OF 54

PHOTO NO. 5

Location: North of the station house

Description: General view of the station house

Reference: Looking south



PHOTO NO. 6

Location: East side of Quad I

Description: General view of Quad I

Reference: Looking west



STATION: Rowayton

INSPECTORS: SS, RGW



CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
SHEET 30 OF 54

PHOTO NO. 7

Location: West side of Quad I

Description: General view of Quad I

Reference: Looking east



PHOTO NO. 8

Location: West side of Quad II

Description: General view of Quad II

Reference: Looking east



STATION: Rowayton

INSPECTORS: RGW



CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
SHEET 31 OF 54

PHOTO NO. 9

Location: East side of Quad II

Description: General view of Quad II

Reference: Looking west



PHOTO NO. 10

Location: West side of Quad III

Description: General view of Quad III

Reference: Looking east



STATION: Rowayton

INSPECTORS: RGW

CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
SHEET 32 OF 54

PHOTO NO. 11

Location: West side of Quad IV

Description: General view of Quad IV

Reference: Looking east



PHOTO NO. 12

Location: East side of Quad IV

Description: General view of Quad IV

Reference: Looking west



STATION: Rowayton

INSPECTORS: RGW

CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
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PHOTO NO. 13

Location: Span I of the south platform

Description: Missing top rail of the railing

Reference: Looking west



PHOTO NO. 14

Location: Span I of the north platform

Description: Typical rusted base plate

Reference: Looking down



STATION: Rowayton

INSPECTORS: RGW



CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
SHEET 34 OF 54

PHOTO NO. 15

Location: East of the north platform

Description: Typical spalled concrete adjacent to the railing base plate

Reference: Looking south



PHOTO NO. 16

Location: Span III of the south platform

Description: Two abandoned billboard sign posts

Reference: Looking east



STATION: Rowayton

INSPECTORS: RGW

CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
SHEET 35 OF 54

PHOTO NO. 17

Location: Span XI of the north platform

Description: The canopy member contains minor surface rust

Reference: Looking west



PHOTO NO. 18

Location: Span IX of the north platform

Description: The canopy member contains minor surface rust

Reference: Looking west



STATION: Rowayton

INSPECTORS: RGW

CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
SHEET 36 OF 54

PHOTO NO. 19

Location: East of the north platform

Description: Spalled and cracked double tee flange

Reference: Looking west



PHOTO NO. 20

Location: North of the north platform

Description: Typically the base plate for the double tee is rusted and deteriorated

Reference: Looking down



STATION: Rowayton

INSPECTORS: RGW

STATION: Rowayton

INSPECTORS: RGW



CONN. DEPT OF TRANSPORTATION  
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PHOTO NO. 21

Location: West of Span III of the south platform

Description: Damaged cinder block façade (3'x3' and 2'x1")

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



PHOTO NO. 22

Location: North of the station house

Description: Chipped paint on the middle of the exterior north elevation

Reference: Looking south



STATION: Rowayton

INSPECTORS: RGW

CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
SHEET 38 OF 54

PHOTO NO. 23

Location: \_\_\_\_\_  
East of the station  
house

Description: \_\_\_\_\_  
Crack on the middle of  
the exterior east  
elevation

Reference: \_\_\_\_\_  
Looking west



PHOTO NO. 24

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

Description: \_\_\_\_\_  
Chipped paint on the  
lower exterior north  
elevation

Reference: \_\_\_\_\_  
Looking down



STATION: Rowayton

INSPECTORS: RGW



CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
SHEET 39 OF 54

PHOTO NO. 25

Location: \_\_\_\_\_  
South of the station  
house

Description: \_\_\_\_\_  
Typically the shingles  
are starting to uplift

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



PHOTO NO. 26

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

Description: \_\_\_\_\_  
The drain is dislocated  
from the roof

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



STATION: Rowayton

INSPECTORS: RGW

CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
SHEET 40 OF 54

PHOTO NO. 27

Location: Middle of Quad II

Description: Typical cracks

Reference: Looking down



PHOTO NO. 28

Location: Middle of Quad II

Description: Typical crack with vegetation growth

Reference: Looking down



STATION: Rowayton

INSPECTORS: RGW

CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
SHEET 41 OF 54

PHOTO NO. 29

Location:  
West side of Quad I

Description:  
Faded paint on the sign

Reference:  
Looking south



PHOTO NO. 30

Location:  
South side of Quad I

Description:  
Typical cracked sidewalk with vegetation growth and an uneven walking surface

Reference:  
Looking west



STATION: Rowayton

INSPECTORS: RGW

STATION: Rowayton  
INSPECTORS: RGW

CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
SHEET 42 OF 54

PHOTO NO. 31

Location: South side of Quad I

Description: Typical spalled concrete curb

Reference: Looking down



PHOTO NO. 32

Location: West side of Quad I

Description: The railing is rusted

Reference: Looking east



STATION: Rowayton

INSPECTORS: RGW



CONN. DEPT OF TRANSPORTATION  
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SHEET 43 OF 54

PHOTO NO. 33

Location: South side of Quad II

Description: Typical damaged fence

Reference: Looking south



PHOTO NO. 34

Location: Middle of Quad III

Description: Ponding of water was noted in two locations (5'x5' each)

Reference: Looking down



STATION: Rowayton

INSPECTORS: RGW

CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
SHEET 44 OF 54

PHOTO NO. 35

Location:  
East side of Quad III

Description:  
Missing asphalt curb  
(3')

Reference:  
Looking south



PHOTO NO. 36

Location:  
Middle of Quad IV

Description:  
The pole is missing a  
sign

Reference:  
Looking north



STATION: Rowayton

INSPECTORS: RGW

CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
SHEET 45 OF 54

PHOTO NO. 37

Location: West side of Quad IV

Description: Typical spalled concrete stair

Reference: Looking east



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

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

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

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

STATION: Rowayton

INSPECTORS: RGW



CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
SHEET 46 OF 54

PHOTO NO. 38

Location:  
westbound  
platform

Description:  
platform lighting  
and speakers

Reference:  
Platform Lighting  
Section



PHOTO NO. 39

Location:  
westbound  
platform

Description:  
canopy lighting

Reference:  
Platform Lighting  
Section



STATION: Rowayton  
INSPECTORS: Jim Connell & Dave Lang



CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
SHEET 47 OF 54

PHOTO NO. 40

Location:  
eastbound side

Description:  
platform  
service pole

Reference:  
Platform Service  
Section



PHOTO NO. 41

Location:  
parking lot  
westbound side

Description:  
building  
service pole

Reference:  
Building Service  
Section



STATION: Rowayton  
INSPECTORS: Jim Connell & Dave Lang

CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
SHEET 48 OF 54

PHOTO NO. 42

Location:  
attached to  
the building

Description:  
service entrance

Reference:  
Station Building  
Service Section



PHOTO NO. 43

Location:  
westbound  
platform

Description:  
service to platform  
lighting

Reference:  
Platform Service  
Section



STATION: Rowayton  
INSPECTORS: Jim Connell & Dave Lang

CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
SHEET 49 OF 54

PHOTO NO. 44

Location:  
platform  
westbound

Description:  
building lighting  
at platform

Reference:  
Station Building  
Lighting Section



PHOTO NO. 45

Location:  
station building

Description:  
waiting room  
lighting

Reference:  
Station Building  
Lighting Section



STATION: Rowayton  
INSPECTORS: Jim Connell & Dave Lang

CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
SHEET 50 OF 54

PHOTO NO. 46

Location:  
station  
building

Description:  
Out of date  
service panels

Reference:  
Station Building  
Electrical Section



PHOTO NO. 47

Location:  
station  
building

Description:  
platform panel  
main breaker  
in storage room

Reference:  
Station Building  
Electrical Section



STATION: Rowayton  
INSPECTORS: Jim Connell & Dave Lang

CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
SHEET 51 OF 54

PHOTO NO. 48  
Location: storage room  
Description: storage room  
lighting  
Reference: Building Lighting  
Section



PHOTO NO. \_\_\_\_\_  
Location: \_\_\_\_\_  
Description: \_\_\_\_\_  
Reference: \_\_\_\_\_

STATION: Rowayton  
INSPECTORS: Jim Connell & Dave Lang



CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
SHEET 52 OF 54

PHOTO NO. 49

Location:  
ROWAYTON  
STATION

Description:  
Station Name

Reference:



PHOTO NO. 50

Location:  
ROWAYTON  
STATION

Description:  
Old fashion  
hot water  
radiator in  
waiting area

Reference:  
Mechanical



STATION: ROWAYTON

INSPECTORS: J. Duncan & T. Abrahamson

CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
SHEET 53 OF 54

PHOTO NO. 51

Location:  
BOILER  
ROOM

Description:  
Old boiler in  
working condition  
Life left 3-5 years

Reference:  
Mechanical



STATION: ROWAYTON

INSPECTORS: J. Duncan & T. Abrahamson

**Rowayton Station**

Description	Units	Quantity	Price / Unit	Total Cost
<b>Replacing asphalt pavement</b>				
-Remove asphalt	yd <sup>3</sup>	4078.00	\$22.00	\$89,716.00
-6" asphalt top course and binder course	yd <sup>2</sup>	11288.00	\$25.00	\$282,200.00
-7" aggregate base	yd <sup>3</sup>	1962.00	\$20.00	\$39,240.00
<b>Replace sidewalk</b>				
-Remove asphalt	yd <sup>3</sup>	43.00	\$22.00	\$946.00
-6" asphalt top course and binder course	yd <sup>2</sup>	260.00	\$25.00	\$6,500.00
<b>Repair ponding/potholes</b>				
-Remove asphalt	yd <sup>3</sup>	1.00	\$22.00	\$22.00
-6" asphalt top course and binder course	yd <sup>2</sup>	6.00	\$25.00	\$150.00
Fill in cracked asphalt	ft	120.00	\$2.00	\$240.00
Remove and install curb	ft	753.00	\$100.00	\$75,300.00
Repair spalled concrete	ft <sup>2</sup>	23.00	\$40.00	\$920.00
Replace the fence	ft	145.00	\$48.00	\$6,960.00
Misc. (clean and paint structural steel )	LS	-	-	\$8,000.00
Misc. (signs, cinder block, and etc. )	LS	-	-	\$1,000.00
HVAC Equipment	LS	-	-	\$14,000.00
Plumbing restrooms (ADA compliance)	LS	-	-	\$10,000.00
Missing shelter downspouts	LS	-	-	\$300.00
downspout support	LS	-	-	\$160.00
Replace panelboards	EACH	2.00	\$620.00	\$1,240.00
Add exit lights	EACH	2.00	\$93.00	\$186.00
Add egress lights	EACH	2.00	\$289.00	\$578.00
Install a minimal fire alarm system to meet the requirements of ADA.*	LS	-	-	\$2,572.00
Repair/Replace platform receptacles	EACH	8.00	\$50.00	\$400.00
<b>Replace platform lighting conduit/conduit fittings</b>				
-fittings	EACH	26.00	\$75.00	\$1,950.00
-conduit	EACH	1000.00	\$9.20	\$9,200.00
-type XHHW conductors	EACH	4000.00	\$0.50	\$2,000.00
Mobilization / Demobilization (10%)				\$55,378.00
Sub-total				\$609,158.00
Contingency (20%)				\$121,831.60
Grand Total				\$730,989.60
Say				\$731,000.00

\* THE FIRE ALARM SYSTEM IS AN ORDER-OF-MAGNITUDE COST REQUIRED TO COMPLY WITH ADA REQUIREMENTS. PERFORMANCE OF A FIRE ALARM SYSTEM DESIGN IS REQUIRED TO DEVELOP A PRECISE QUANTITY ESTIMATE.