

# CONNECTICUT DEPARTMENT OF TRANSPORTATION



## CONDITION INSPECTION FOR THE ANSONIA STATION

GENERAL RECOMMENDATION 3

**CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION**

INSPECTION RATING SCALE

*The following rating scale is used for inspections:*

- 1- Totally deteriorated, or in failed condition.
- 2- Serious deterioration, or not functioning as originally designed.
- 3- Minor deterioration, but functioning as originally designed.
- 4- New condition. No deterioration.
- 5- Not applicable.
- 6- Condition and/or existence unknown.



STATION: Ansonia  
LINE: Waterbury  
INSPECTION DATE: 11-17-01  
INSPECTION AGENCY / FIRM: UA  
INSPECTORS: JFS, WV, RGW  
WEATHER: Sunny

CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
SHEET 2 OF 24

**PARKING ELEMENTS**

**QUADRANT # I**

TYPE OF SURFACE: 20% x PAVED; 80% x GRAVEL; \_\_\_\_\_ DIRT;  
\_\_\_\_\_ OTHER (DESCRIBE)

CONDITION OF PAVED SURFACE: 1

CONDITION OF STRIPING: 1

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

SIGNAGE: 5

FENCE AND GUARDRAIL: 2

LANDSCAPE: 2

SIDEWALK: 5

CURB: 5

**QUADRANT # II**

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

CONDITION OF PAVED SURFACE: 2

CONDITION OF STRIPING: 2

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

SIGNAGE: 2

FENCE AND GUARDRAIL: 5

LANDSCAPE: 2

SIDEWALK: 5

CURB : 3

STATION: Ansonia  
LINE: Waterbury  
INSPECTION DATE: 11-17-01  
INSPECTION AGENCY / FIRM: UA  
INSPECTORS: JFS, WV, RGW  
WEATHER: Sunny

CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
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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: 2

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

SIGNAGE: 2

FENCE AND GUARDRAIL: 2

LANDSCAPE: 2

SIDEWALK: 5

CURB: 5

\* The gravel and dirt area (35'x25') is rated 1 (see sketch)

STATION: Ansonia  
 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  
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**PLATFORM --- LIGHTING**

Span Number	Fixture Type	Manufacturer	Model Number	Rating	Support Condition	Estimated Age/Life(y/y)	Visual Condition
all	HID-HPS	Holophane	unknown	3	3	15/ 20	minor deterioration

Remarks: A typical section of the platform was measured at the location indicated and found to average 16.7 fc.  
Most fixture lenses are yellowing.

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

TRACKS---{ 

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see remarks	see remarks	see remarks	see remarks	avg 16.7	see remarks
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NORTHBOUND/SOUTHBOUND PLATFORM

STATION: Ansonia  
 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  
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**PLATFORM --- SERVICE**

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

Remarks: The utility transformer is mounted on pole number 2818, which is not the utility service drop pole mentioned above. We were unable to gain access to the locked electrical enclosure to verify the exact size and condition of the main panelboard.

**PLATFORM --- ELECTRICAL SYSTEMS**

Electrical Device	Manufacturer	Model Number	Rating	Location	Estimated Age/Life(y/y)	Visual Condition
Main Distribution Panel	unknown	unknown	unknown	adjacent to platform	unknown	see platform serv. 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	unknown	unknown	3	platform	15/ 20	minor deterioration
Grounding	unknown	unknown	unknown	unknown	unknown	unknown
Lighting Controls	unknown	unknown	3	platform	15/ 20	minor deterioration
Public Telephone	unknown	n/a	n/a	parking lot	unknown	operational
Station Telephone	n/a	n/a	n/a	n/a	n/a	n/a

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

STATION: Ansonia

CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
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INSPECTORS: Jim Connell & Dave Lang

DATE: February 11, 2002

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

There is a locked electrical enclosure that contains the main electrical service for the platform. We were unable to gain access to this cabinet to verify the exact size and condition of the main panel. However, the cabinet has only minor deterioration, is well maintained, and appears to be protecting the electrical equipment from harm. There are a couple of non-GFCI receptacles mounted beneath the platform canopy that should be replaced with GFCI type receptacles.

Luminaires are mounted beneath the canopy and measured an average of 16.7 foot-candles, which is above the minimal light levels as recommended by the IESNA for train station platforms. However, the lenses are yellowing and should be replaced to better replicate the luminaire manufacturers original design.



STATION: Ansonia  
 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

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**PLATFORM - PLUMBING**

SPAN NO.	GUTTER	DOWNSPOUT/ PIPING	CLEAN-OUTS	SPAN NO.	GUTTER	DOWNSPOUT/ PIPING	CLEAN-OUTS
All	Aluminum & PVC downspouts to drainage system in good repair						
multiple	Gutters sagging in places						

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

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

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

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

STATION: Ansonia

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INSPECTORS: D. Lang

DATE: February 11, 2002

**STATION – MECHANICAL SUMMARY**

Most of the aluminum gutters on the platform are in good repair. Some gutters are sagging in places and require maintenance or replacement. Downspouts are constructed of aluminum and PVC pipe into a drainage system. Some downspouts may have to be replaced at the time the gutters are replaced. There is one shelter on the platform with a plastic curbed roof. There is not a need for gutters and downspouts on this shelter.

STATION: Ansonia  
 LINE: New Haven-Waterbury Branch  
 INSPECTION DATE: April 3, 2002  
 INSPECTION AGENCY/FIRM: Warren & Panzer Engineers  
 INSPECTOR: Josue Garcia/Bosun Ogunnaike  
 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
Columns	10	Yes	2
Utility Box	1	No	3
Platform Warning Strip-Concrete	3	Yes	2
Platform Warning Strip-Wood	5	No	3
Platform Joist	1	No	3

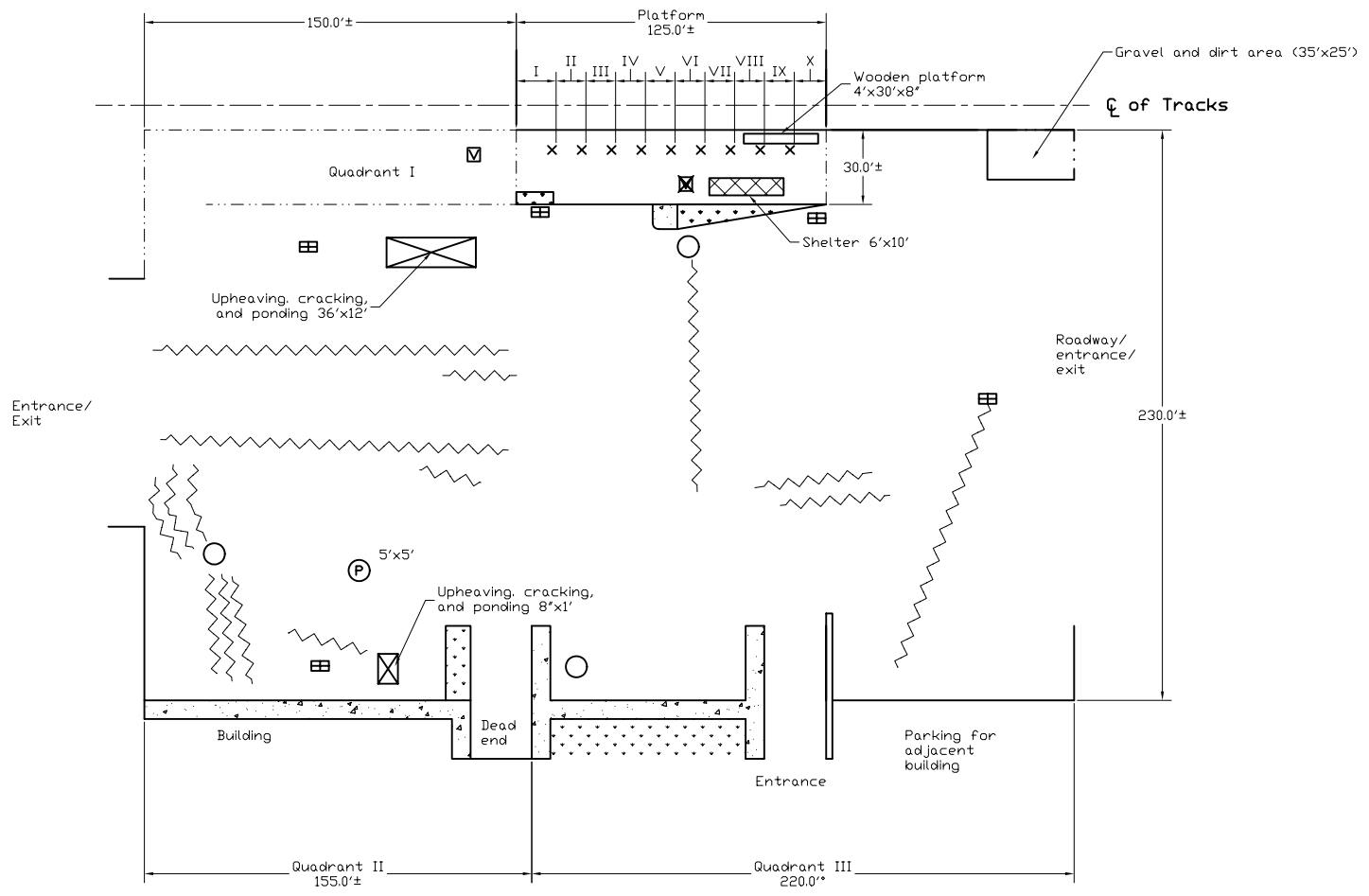
Lead-Based Paint was found on surfaces noted above. Painted concrete platform warning strip and platform columns were found to be in poor condition. Other painted surfaces were found to be in fair to good condition. Any future disturbance of the lead-based painted surfaces noted above should be abated 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

**SUSPECT ASBESTOS-CONTAINING MATERIALS**

Listed below is a suspect asbestos-containing material that was observed during a visual inspection. The material was found to be in good condition. Any future disturbance of this material 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
Roof Shingles	3



- Legend:
- Guardrail
  - ~ Crack
  - Grass
  - Sidewalk
  - Sanitary Manhole
  - ⊞ Drain
  - Ⓟ Ponding
  - Concrete Scaling
  - × Canopy Column
  - ☑ Vegetation
  - ☒ Dead Vegetation

- NOTES:
1. The timber columns in Spans I, VII, VIII, and IX are cracked.
  2. The surface of Quadrant I is a mix of gravel and asphalt which contains uneven driving surface, cracks, potholes, and vegetation growth.

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

STATION: Ansonia

CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
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INSPECTORS: JFS, WV, RGW

DATE: 11-17-01

RATINGS		PHOTO NO.	REMARKS:
NEW	PREV		
2		7	Span VII-IX <b>5</b> - The concrete beneath and adjacent to the shelter is spalled and scoured
3		8	Span VIII <b>7</b> - The bottom of the sign is bent but functioning
3		10	Span I, VII-IX <b>11</b> - The timber column is cracked
3		11	Span I-X <b>13</b> - The timber truss supporting the canopy is deteriorated at isolated locations
2		9	Span I-X <b>14</b> - The paint of the canopy is chipping, peeling, and missing throughout the canopy
2		12	Span VII-IX <b>NA</b> - There is graffiti on the side of the shelter
1		13-15	Quad 1 <b>Surface</b> -The gravel and asphalt surface contains numerous potholes and vegetation growth
1		2	Quad I <b>Striping</b> -The striping is faded throughout the parking area
2		15	Quad I <b>Landscape</b> - There are weeds and dead vegetation throughout the surface of the parking area
2		17	Quad II <b>Surface</b> -The asphalt surface contains various areas of cracking, ponding, and up heaving
2		18	Quad II <b>Signage</b> -The sign on the west side is bent
1		20	Quad III <b>Surface</b> - There is an area (25'x35') that is cracked, missing gravel and uneven
3		16	Quad III <b>Surface</b> - There are random cracks throughout the surface of the parking area
2		19	Quad III <b>Signage</b> - The sign along the west side is missing and the pole is bent

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PHOTO NO. 1

Location: \_\_\_\_\_  
South end of the  
platform

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

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



PHOTO NO. 2

Location: \_\_\_\_\_  
South side of Quad I

Description: \_\_\_\_\_  
General view of Quad I

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



STATION: Ansonia Station  
INSPECTORS: JFS, WV, RGW

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STATION INSPECTION REPORT  
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PHOTO NO. 3

Location:  
North side of Quad II

Description:  
General view of Quad II

Reference:  
Looking south



PHOTO NO. 4

Location:  
South side of Quad II

Description:  
General view of Quad II  
Note the crack that  
extends the length of  
the surface

Reference:  
Looking north



STATION: Ansonia Station  
INSPECTORS: JFS, WV, RGW

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

Location: North side of Quad III

Description: General view of Quad III

Reference: Looking south



PHOTO NO. 6

Location: South side of Quad III

Description: General view of Quad III

Reference: Looking north



STATION: Ansonia Station  
INSPECTORS: JFS, WV, RGW



CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
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PHOTO NO. 7

Location:  
Middle of the shelter

Description:  
The concrete beneath and adjacent to the shelter is spalled and scoured

Reference:  
Looking down



PHOTO NO. 8

Location:  
East of the shelter

Description:  
The bottom of the sign is bent but functional

Reference:  
Looking southwest



STATION: Ansonia Station  
INSPECTORS: JFS, WV, RGW

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

Location: \_\_\_\_\_  
Span I  
\_\_\_\_\_  
\_\_\_\_\_

Description: \_\_\_\_\_  
Chipped, peeled, and  
missing paint through-  
out the canopy  
\_\_\_\_\_  
\_\_\_\_\_

Reference: \_\_\_\_\_  
Looking up and south  
\_\_\_\_\_



PHOTO NO. 10

Location: \_\_\_\_\_  
Span IX  
\_\_\_\_\_  
\_\_\_\_\_

Description: \_\_\_\_\_  
Typical cracked column  
\_\_\_\_\_  
\_\_\_\_\_

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



STATION: Ansonia Station  
INSPECTORS: JFS, WV, RGW

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

Location: \_\_\_\_\_  
Span X

Description: \_\_\_\_\_  
The timber truss  
supporting the canopy  
is deteriorated at  
isolated locations

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



PHOTO NO. 12

Location: \_\_\_\_\_  
Middle of the shelter

Description: \_\_\_\_\_  
There is graffiti on the  
side of the shelter

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



STATION: Ansonia Station  
INSPECTORS: JFS, WV, RGW

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

Location: \_\_\_\_\_  
North side of Quad I

Description: \_\_\_\_\_  
The gravel/dirt surface  
contain potholes

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



PHOTO NO. 14

Location: \_\_\_\_\_  
North side of Quad I

Description: \_\_\_\_\_  
The asphalt surface  
contains potholes and  
cracking

Reference: \_\_\_\_\_  
Looking down and south



STATION: Ansonia Station  
INSPECTORS: JFS, WV, RGW

CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
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PHOTO NO. 15

Location: \_\_\_\_\_  
Northwest corner of  
Quad I

Description: \_\_\_\_\_  
There are weeds and  
dead vegetation  
throughout the driving  
surface

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



PHOTO NO. 16

Location: \_\_\_\_\_  
Middle of Quad II

Description: \_\_\_\_\_  
Typical crack

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



STATION: Ansonia Station  
INSPECTORS: JFS, WV, RGW

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STATION INSPECTION REPORT  
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PHOTO NO. 17

Location: \_\_\_\_\_  
Northeast corner of  
Quad II

Description: \_\_\_\_\_  
The asphalt surface  
contain cracking, pond-  
ing, and up heaving.

Reference: \_\_\_\_\_  
Looking southeast



PHOTO NO. 18

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

Description: \_\_\_\_\_  
Bent sign post in  
Quad II

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



STATION: Ansonia Station  
INSPECTORS: JFS, WV, RGW

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STATION INSPECTION REPORT  
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PHOTO NO. 19

Location: Middle of Quad III

Description: Bent post and missing sign in Quad III

Reference: Looking west



PHOTO NO. 20

Location: Southeast corner of Quad III

Description: The surface (25'x35') is cracked, missing gravel, and uneven

Reference: Looking southeast



STATION: Ansonia Station  
INSPECTORS: JFS, WV, RGW

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PHOTO NO. 21

Location:  
ANSONIA  
STATION

Description:  
Station Name

Reference:  
Mechanical



PHOTO NO. 22

Location:  
ANSONIA  
STATION

Description:  
Platform Gutters  
& Downspouts

Reference:  
Mechanical



STATION: ANSONIA

INSPECTOR: D. Lang



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PHOTO NO. 23

Location: \_\_\_\_\_  
adjacent to  
parking area

Description: \_\_\_\_\_  
electrical utility  
service pole

Reference: \_\_\_\_\_  
Platform Service  
Section



PHOTO NO. 24

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

Description: \_\_\_\_\_  
platform lighting

Reference: \_\_\_\_\_  
Platform Lighting  
Section



STATION: Ansonia  
INSPECTORS: Jim Connell & Dave Lang

**Ansonia Station**

Description	Units	Quantity	Price / Unit	Total Cost
Repair concrete scaling	ft <sup>2</sup>	60	\$40.00	\$2,400.00
Filling in cracked asphalt	ft	300.00	\$2.00	\$600.00
Replacing asphalt pavement				
-Removal of asphalt (13")	yd <sup>3</sup>	1460.00	\$30.00	\$43,800.00
-6" asphalt binder and top course	yd <sup>2</sup>	4050.00	\$25.00	\$101,250.00
-7" aggregate base	yd <sup>3</sup>	1460.00	\$20.00	\$29,200.00
Removal and repaint columns	ft <sup>2</sup>	6.00	\$18.00	\$108.00
Repaint the concrete platform warning strip	ft <sup>2</sup>	125.00	\$18.00	\$2,250.00
Repair sagging gutters/Install new gutters and some downspouts	Lump Sum	-	-	\$5,000.00
Replace the lenses on the canopy luminaires	Each	5.00	\$200.00	\$1,000.00
Mobilization / Demobilization (10%)				\$18,560.80
Sub-total				\$204,168.80
Contingency (20%)				\$40,833.76
Grand Total				\$245,002.56
Say				\$245,000.00