

CONNECTICUT
DEPARTMENT
OF
TRANSPORTATION



CONDITION INSPECTION
FOR THE
COS COB 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: Cos Cob
LINE: New Haven
INSPECTION DATE: 2/10/02
INSPECTION AGENCY / FIRM: UA
INSPECTORS: RGW
WEATHER: Cloudy, rain, 30's

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
SHEET 4 OF 64

PARKING ELEMENTS

QUADRANT # I

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

CONDITION OF PAVED SURFACE: 3

CONDITION OF STRIPING: 3

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

SIGNAGE: 3

FENCE AND GUARDRAIL: 3

LANDSCAPE: 3

SIDEWALK: 2

CURB: 2

QUADRANT # II

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

CONDITION OF PAVED SURFACE: 3

CONDITION OF STRIPING: 3

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

SIGNAGE: 3

FENCE AND GUARDRAIL: 3

LANDSCAPE: 3

SIDEWALK: 3

CURB : 3

STATION: Cos Cob
LINE: New Haven
INSPECTION DATE: 2/10/02
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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: 3
(FOR LOCATION SEE SHEET: see sketch)

SIGNAGE: 3

FENCE AND GUARDRAIL: 3

LANDSCAPE: 3

SIDEWALK: 3

CURB: 2

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: 5
(FOR LOCATION SEE SHEET: _____)

SIGNAGE: 3

FENCE AND GUARDRAIL: 3

LANDSCAPE: 3

SIDEWALK: 3

CURB : 3

STATION: Cos Cob

CONN. DEPT OF TRANSPORTATION

LINE: New Haven

STATION INSPECTION REPORT

INSPECTION DATE: 2/10/02

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INSPECTION AGENCY / FIRM: UA

INSPECTORS: RGW

WEATHER: Cloudy, rain, 30's

PARKING ELEMENTS

QUADRANT # V

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

CONDITION OF PAVED SURFACE: 2

CONDITION OF STRIPING: 3

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

SIGNAGE: 3

FENCE AND GUARDRAIL: 3

LANDSCAPE: 3

SIDEWALK: 2

CURB: 2

QUADRANT # VI

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

CONDITION OF PAVED SURFACE: 3

CONDITION OF STRIPING: _____
3

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

SIGNAGE: 3

FENCE AND GUARDRAIL: 5

LANDSCAPE: 3

SIDEWALK: 3

CURB : 2

STATION: Cos Cob
LINE: New Haven
INSPECTION DATE: 2/10/02
INSPECTION AGENCY / FIRM: UA
INSPECTORS: RGW
WEATHER: Cloudy, rain, 30's

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PARKING ELEMENTS

QUADRANT # VII

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

CONDITION OF PAVED SURFACE: 3

CONDITION OF STRIPING: 3

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

SIGNAGE: 3

FENCE AND GUARDRAIL: 5

LANDSCAPE: 3

SIDEWALK: 3

CURB: 2

QUADRANT # VIII

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: 5

CURB : 2

STATION: Cos Cob
LINE: New Haven
INSPECTION DATE: 2/10/02
INSPECTION AGENCY / FIRM: UA
INSPECTORS: RGW
WEATHER: Cloudy, rain, 30's

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PARKING ELEMENTS

QUADRANT # IX

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

CONDITION OF PAVED SURFACE: 2

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

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

CONN. DEPT OF TRANSPORTATION
 STATION INSPECTION REPORT
 SHEET 9 OF 64

PLATFORM --- LIGHTING

Span Number	Fixture Type	Manufacturer	Model Number	Rating	Support Condition	Estimated Age/Life(y/y)	Visual Condition
all	HID-MH	Gardco w/10 ft pole	MA171MH	3	3	17/ 20	minor deterioration
canopy	4 ft fluorescent	unknown	unknown	1	1	17/ 20	totally deteriorated

Remarks: A typical section of the platform was measured at the location indicated and found to average 10.6 fc on the northbound platform and 10.4 on the southbound platform.
Many of the canopy luminaires are missing lenses. This compromises the integrity of the fixture.

PLATFORM --- LIGHTING LEVELS (fc)

SOUTHBOUND PLATFORM					
see remarks	avg 10.4	see remarks	see remarks	see remarks	see remarks

TRACKS----{

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see remarks	avg 10.6	see remarks	see remarks	see remarks	see remarks
NORTHBOUND PLATFORM					

STATION: Cos Cob
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 WEATHER: Clear & Cool

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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)	see summary	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: _____

PLATFORM --- ELECTRICAL SYSTEMS

Electrical Device	Manufacturer	Model Number	Rating	Location	Estimated Age/Life(y/y)	Visual Condition
Main Distribution Panel	unknown	unknown	unknown	unknown	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	1	platform	20/ 20	totally deteriorated
Grounding	unknown	unknown	unknown	unknown	unknown	unknown
Lighting Controls	unknown	unknown	3	electrical room	15/ 20	minor deterioration
Public Telephone	unknown	n/a	1	platform	n/a	abandoned
Station Telephone	n/a	n/a	n/a	n/a	n/a	n/a

Remarks: _____

STATION: Cos Cob

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
SHEET 11 OF 64

INSPECTORS: Jim Connel & Dave Lang

DATE: January 9, 2002

STATION PLATFORM --- ELECTRICAL AND LIGHTING SUMMARY

The southbound platform is served from the station building. We were unable to gain access to the northbound platform because it is a locked enclosure. However, the enclosure appears to adequately serving the present needs of the platform.

There are several GFCI receptacles located on the platforms, but there are also a few non-GFCI receptacles. These non-GFCI receptacles are missing their covers and should be considered a public safety hazard. GFCI receptacles with new covers should replace the existing non-GFCI receptacles that do not meet the NEC requirements.

The platform light poles are relatively new with minor deterioration. However, a few of the light pole bases and the conduits associated with them have moderate corrosion. The heavy salting of the station platform during winter months may be the cause of this premature corrosion condition. The integrity of the conduits is questionable and, since they are older than and have more corrosion than the pole bases, they should be replaced in the near future. Although currently functioning, the pole bases may prematurely fail within five to ten years if conditions remain the same.

All the platform canopy light fixtures are missing their lenses. This exposes the fixtures to conditions unexpected by the manufacturer and will lead to premature failure. Considering the exposure to the elements and the apparent age of the canopy fixtures, we recommend replacement.

The platform maintains an average of 10.5 foot-candles, which exceeds the minimum light levels as recommended by the IESNA.

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

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STATION BUILDING --- LIGHTING

Fixture Type	Manufacturer	Model Number	Rating	Support Condition	Estimated Age/Life(y/y)	Visual Condition
incandescent pendant	unknown	unknown	3	3	2/ 20	minor deterioration
4 ft fluorescent	unknown	unknown	4	4	10/ 20	new condition
Exit	unknown	unknown	4	4	2/ 20	new condition
Emergency Egress	unknown	unknown	4	4	2/ 20	new condition

Remarks: A typical section of the waiting room was measured and found to average 17.3 fc.

STATION BUILDING --- LIGHTING LEVELS (fc)

ROOM DESC: waiting room

	A	B	C	D
1	avg 17.3			
2				
3				
4				

ROOM DESC: not used

	A	B	C	D
1				
2				
3				
4				

ROOM DESC: not used

	A	B	C	D
1				
2				
3				
4				

ROOM DESC: not used

	A	B	C	D
1				
2				
3				
4				

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

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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	CL&P 65597 Loughlin St	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	QBL34235	3	electrical room	15/ 20	minor deterioration
Main Disconnect Switch	Square D	NOQB	3	electrical room	15/ 20	minor deterioration
Transformer	n/a	n/a	n/a	n/a	n/a	n/a
Receptacles	unknown	unknown	4	throughout	2/ 20	new condition
Grounding	unknown	unknown	unknown	unknown	unknown	unknown
Lighting Controls	unknown	unknown	3	throughout	15/ 20	minor deterioration
Public Telephone	unknown	n/a	n/a	adjacent to the building	n/a	operational
Station Telephone	unknown	n/a	n/a	ticket booth	n/a	operational

Remarks: _____

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

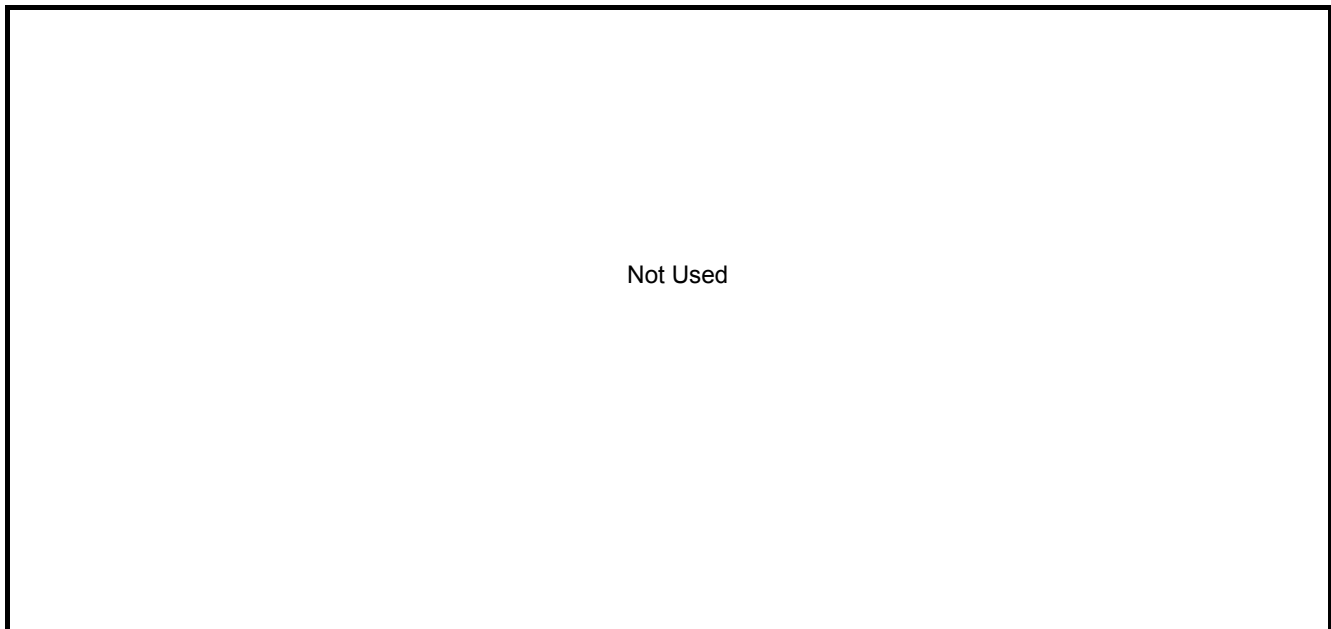
CONN. DEPT OF TRANSPORTATION
 STATION INSPECTION REPORT
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STATION BUILDING --- FIRE ALARM SYSTEM

Fire Alarm Device	Manufacturer	Model Number	Rating	Quantity	Location	Estimated Age/Life(y/y)	Visual Condition
Fire Alarm Control Panel	Notifier	SFP-400B	4	1	electrical room	2/ 20	new condition
Heat Detector	unknown	unknown	4	2	bath rooms	2/ 20	new condition
Smoke Detector	unknown	unknown	4	2	waiting room	2/ 20	new condition
Pull Station	unknown	unknown	4	1	waiting room	2/ 20	new condition
Annunciator	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Audio/Visual Device	unknown	unknown	4	1	waiting room	2/ 20	new condition

Remarks: There is no fire detection device in the electrical room.

STATION BUILDING --- SKETCHES



STATION: Cos Cob

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
SHEET 15 OF 64

INSPECTORS: Jim Connell & Dave Lang

DATE: January 9, 2002

STATION BUILDING --- ELECTRICAL AND LIGHTING SUMMARY

The electrical power panels in the building are adequately serving the space. These power panels were installed several years before the station was remodeled and have minor deterioration.

The waiting room maintains an average of 17.3 foot-candles, which exceeds the minimum light levels as recommended by the IESNA. Exit and emergency lighting are operational and meet the requirements of NFPA 101.

There is an active fire alarm system throughout the building except there is no fire detection device in the electrical room. Fire detection devices are not required to be installed in existing spaces but installing them is good practice. Under the current scope of inspection, we do not have any recommendations for the fire alarm system.

The remodeled section of the building has new electrical, lighting, and fire alarm components. It is well maintained and should suffice for the near future.

STATION: Cos Cob

LINE: New Haven

INSPECTION DATE : January 9, 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

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BUILDING -- HVAC - Fire Protection- Cafeteria/Waiting Area

BOILER: N/A

Make: Rheem, Capacity 30 gal.

Serial RH-100-122-7431

Model 68V 30 SA

WATER HEATER: 2000 W Lower Coil, Good Repair

FUEL TYPE: Electric

Trane XE-90

Model TXC0364HPCO

Serial 2362TP756

HEATING/ AC UNIT: Installation 9/2001, Good Repair

Gas supply, propane from est. 200 gal. cylinders (2)

FUEL TYPE: Installed Feb 96 - Outdoors

HEATING FILTER: unknown

AC FILTER: unknown

Air return above storage door. Air transfer

grille missing. Air diffusers with damper in

DUCTS: neck. Good Repair

Manual damper in the outdoor fresh air

OF DAMPERS: supply duct. Good Repair

CONDITION OF DAMPERS: unknown

THERMOSTATS: Thermostat Trane (manual setting)

NIGHT SET BACK: None

PUMPS: 1 Condenser Pump - Good Repair

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

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STATION INSPECTION REPORT
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BUILDING -- HVAC - Fire Protection- Cafeteria/Waiting Area (Continued)

PIPING: Good Repair

In addition two baseboard heaters 1000 W each Model 100-40, one 4 ft long, one 8 ft long (2000W).

Air-Cooled Condenser Outdoors
Trane XE 1200
Model TTP 036 0100A0
Serial Z163X423F with Refrigerant HCFC 22 - Good Repair

In Attic
Exhaust fan for restrooms. No name plate.
Estimated 150 CFM

Duct in attic is insulated, Good Repair

Fire Protection

No sprinkler system

STATION: Cos Cob
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INSPECTORS: J. Duncan & T. Abrahamson
TIME OF INSPECTION: A.M.
WEATHER: Clear & Cool

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
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BUILDING - PLUMBING - Cafeteria/Waiting Area

RESTROOM

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

Men's Room - Conforming to ADA

1 Toilet - Kohler - Good Repair
1 Lavatory - Good Repair
All Handicapped fixtures
All water conservation fixtures
All new in very good condition
Lavatory pipes Insulated
Exhaust fan working
No floor drain

KITCHEN

PIPING: No Leaks
WATER PRESSURE: Normal
DRAINS: OK
FAUCET/FIXTURES:
* MODEL: Stainless Steel Sink
* YEAR: Unknown
* MANUFACTURER: Unknown
* CONDITION: Good Condition

Fixtures and entire station recently remodeled and in excellent condition.

Women's Room - same arrangement, same conditions

EXTERIOR

SPRINKLER:
FACET/FIXTURES:
* MODEL: _____ N/A
* YEAR: _____
* MANUFACTURER: _____
* CONDITION: _____

1 gutter/downspout near post office box is broken and needs repair

STATION: Cos Cob

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
SHEET 20 OF 64

INSPECTORS: J. Duncan, T. Abrahamson

DATE: January 9, 2002

STATION – MECHANICAL SUMMARY

HVAC System

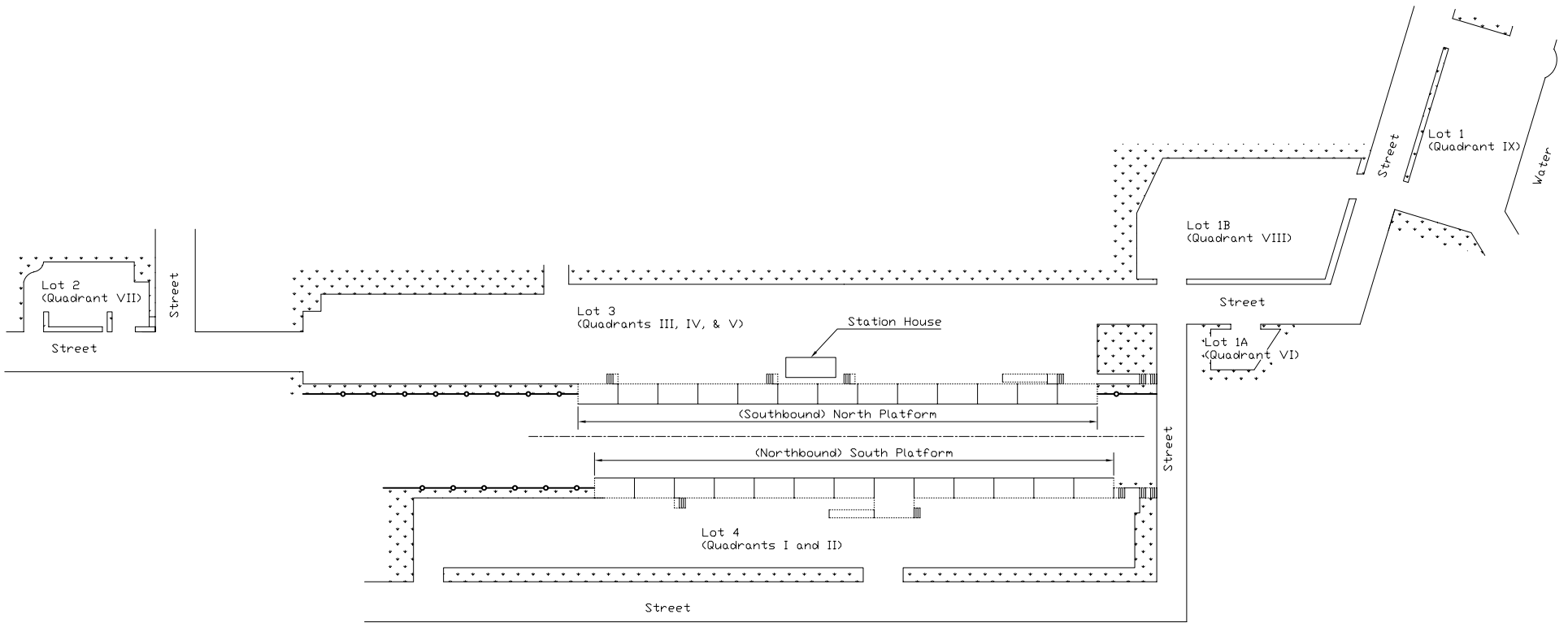
The HVAC system was recently remodeled and is equipped with new HVAC equipment. Ducts are in excellent condition and are appropriately insulated. The system is equipped for spring and fall operation (air relief when refrigeration is not operating and the system uses all outdoor air). Restrooms are separately ventilated (exhausted). One air return grille is missing above the door to the A/C unit location.

Plumbing

The plumbing system is in very good condition. The station was recently remodeled. Fixtures in the men's and women's rooms are handicapped and water conservation type. The restrooms are handicapped accessible and are in conformance with ADA regulations.

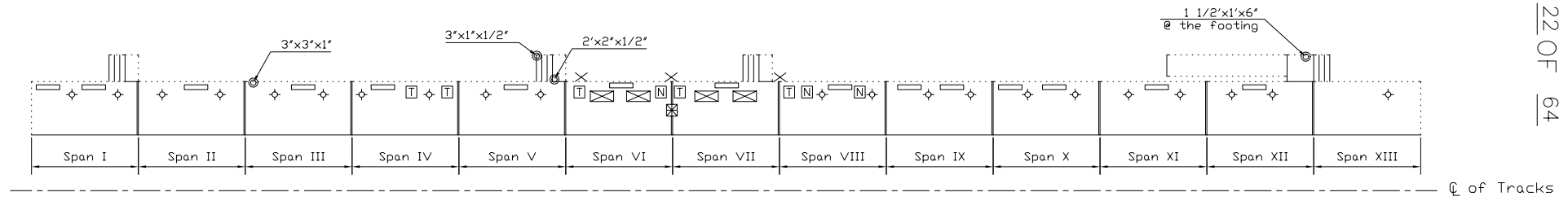
Storm Drainage

There is one building downspout near the post office box which needs repair. There is one broken platform downspout. All the other gutters and downspouts are in good repair.



- Legend:
- Fence
 - Pedestrian Rail
 - Grass

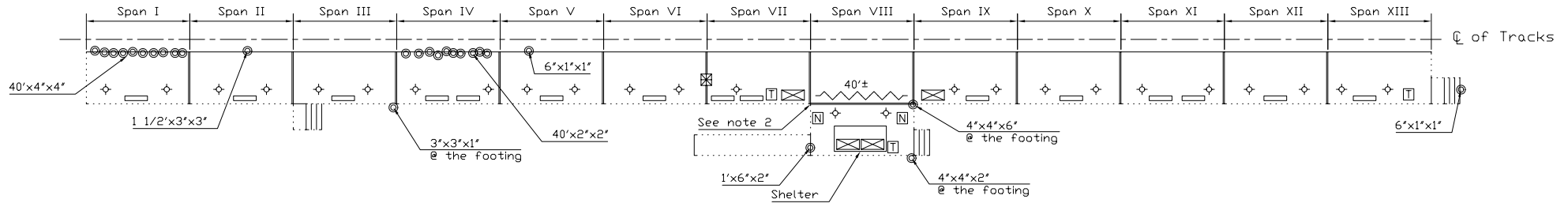
Urbitran Associates, Inc.
Connecticut Dept. of Transportation
Cos Cob Station General Plan
Date: 2/10/02



(Southbound) North Platform

NOTES (North Platform):

1. The base plates for the double tee are rusted and deteriorated throughout the entire length of the platform.
2. The canopy in Spans VI–VIII is rusted.
3. The railing base plates are rusted and deteriorated throughout the entire length of the platform.



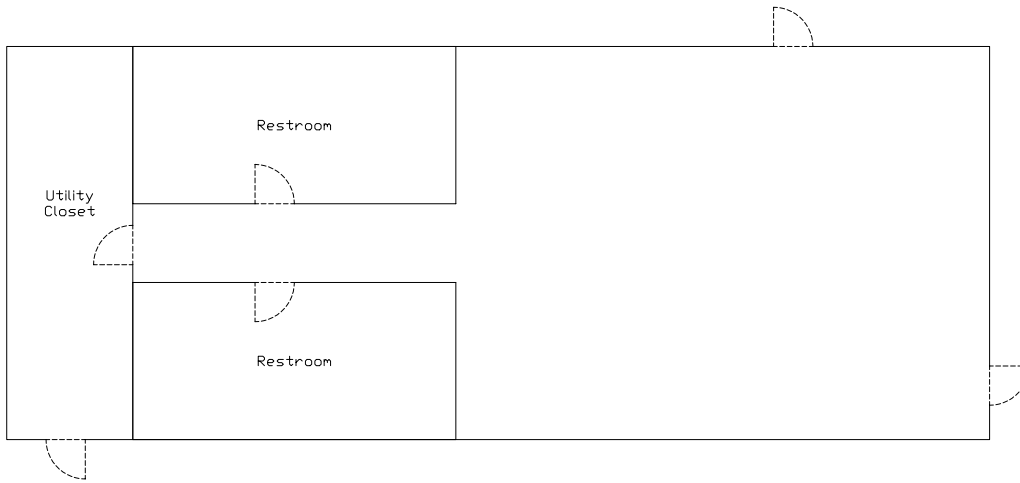
(Northbound) South Platform

NOTES (South Platform):

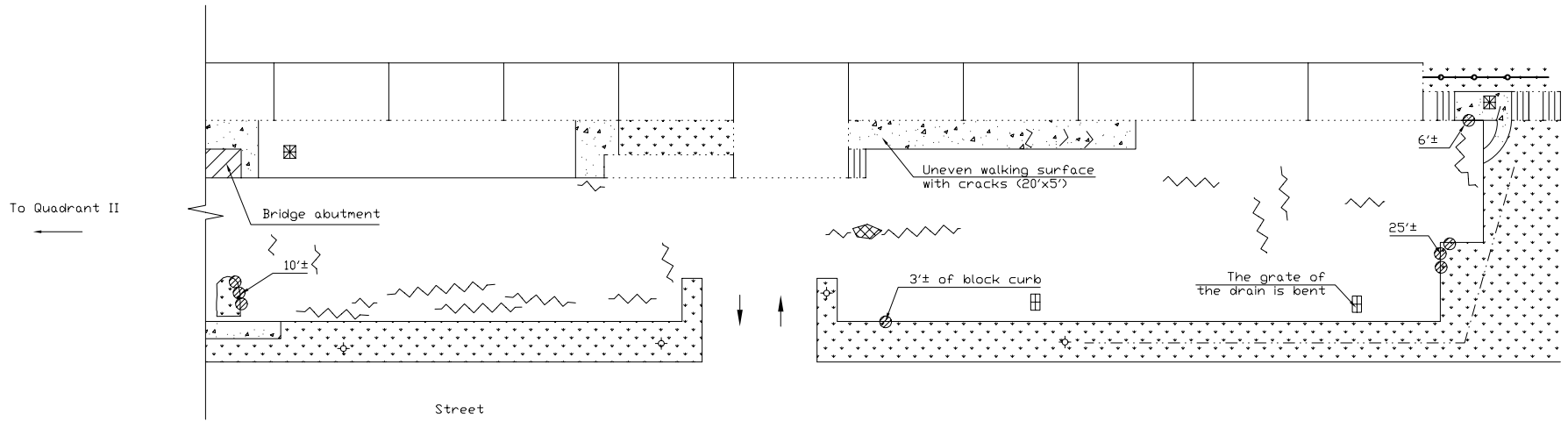
1. The base plates for the double tee are rusted and deteriorated throughout the entire length of the platform.
2. There is spalled concrete with exposed steel (2'x2'x2").
3. The railing base plates are rusted and deteriorated throughout the entire length of the platform.

- Legend:
- Pedestrian Rail
 - ~~~~~ Crack
 - ⊙ Spalled Concrete
 - ⋄ Light
 - × Canopy Column
 - ▭ Sign
 - ⊠ Bench
 - ⊞ Trash Receptacle
 - ⊞ Newspaper Dispenser
 - Joint
 - ⊠ Train Power Line Pole



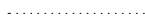

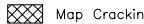

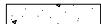






Urbitran Associates, Inc.
Connecticut Dept. of Transportation
Cos Cob Station Platform Plans
Date: 2/10/02



Urbitran Associates, Inc.
Connecticut Dept. of Transportation
Cos Cob Station Station House Plan
Date: 11/30/01



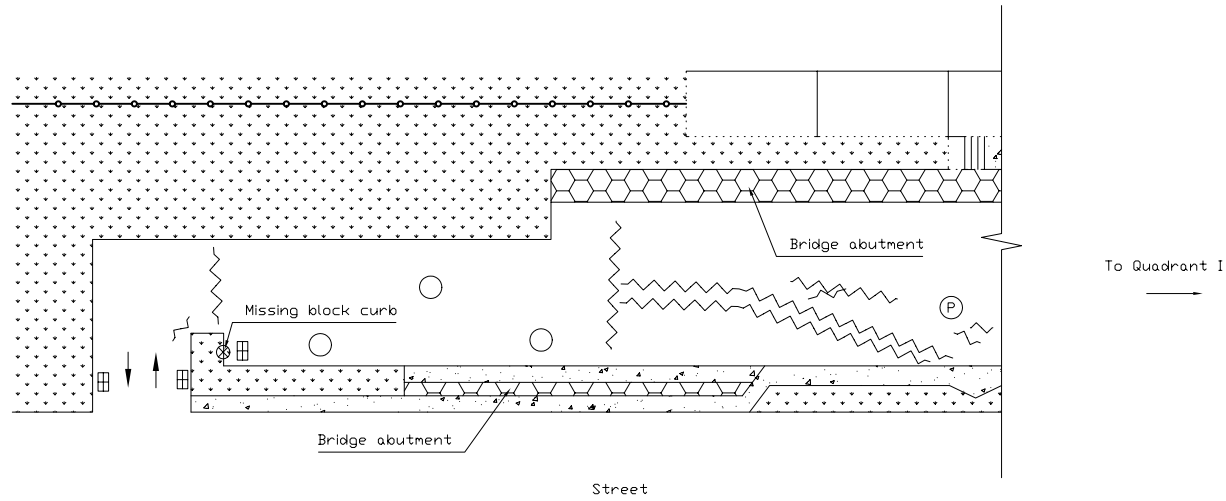
Legend:

-  Fence
-  Guardrail
-  Pedestrian Rail
-  Crack
-  Map Cracking
-  Grass
-  Sidewalk
-  Sanitary Manhole
-  Drain
-  Pothole
-  Cracked, Spalled, or Missing Curb
-  Light
-  Train Power Line Pole


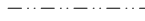












NOTES:

1. The asphalt surface is cracked (300'±).

Urbitran Associates, Inc.
Connecticut Dept. of Transportation
Cos Cob Station Quadrant I (Lot 4) Plan
Date: 2/10/02



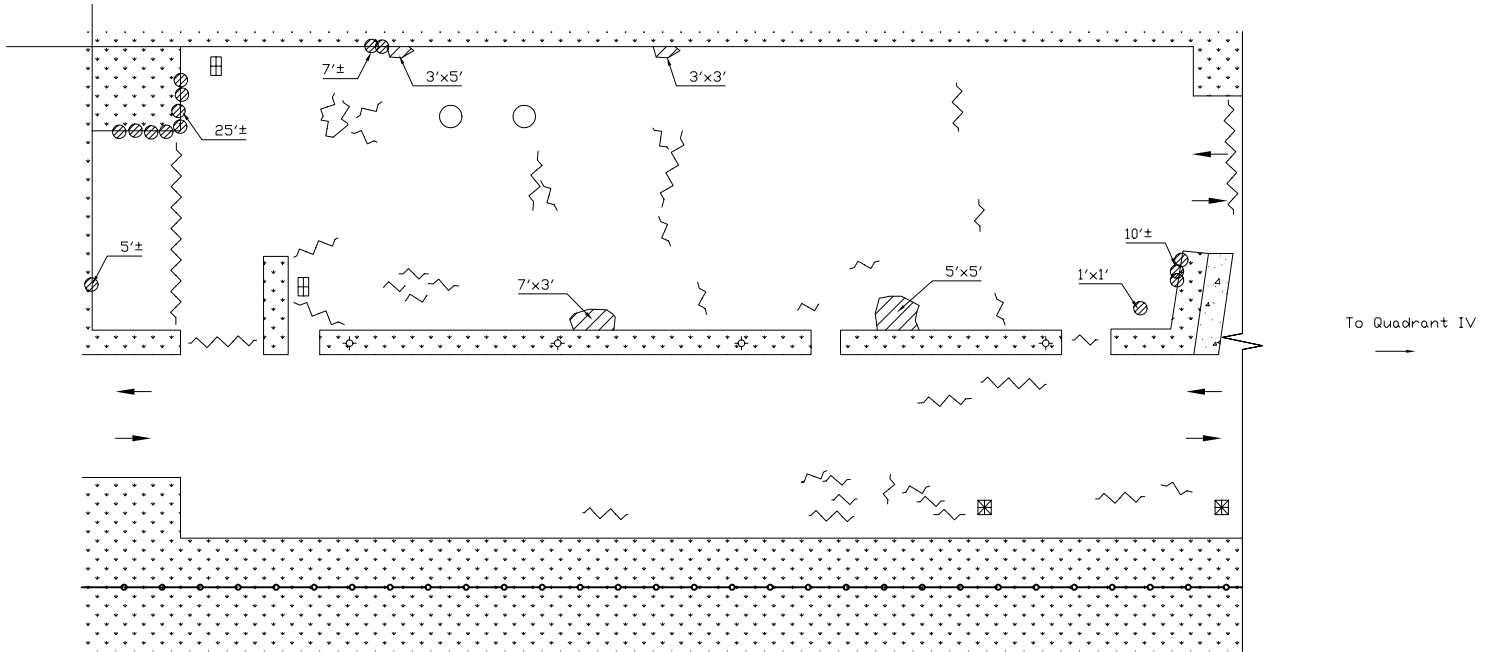
Legend:

-  Fence
-  Guardrail
-  Pedestrian Rail
-  Crack
-  Grass
-  Sidewalk
-  Sanitary Manhole
-  Drain
-  Ponding Water
-  Pothole
-  Cracked, Spalled, or Missing Curb
-  Electric Pole
-  Light
-  Sign

NOTES:

1. The asphalt surface is cracked (300'±).

Urbitran Associates, Inc.
Connecticut Dept. of Transportation
Cos Cob Station Quadrant II (Lot 4) Plan
Date: 2/10/02



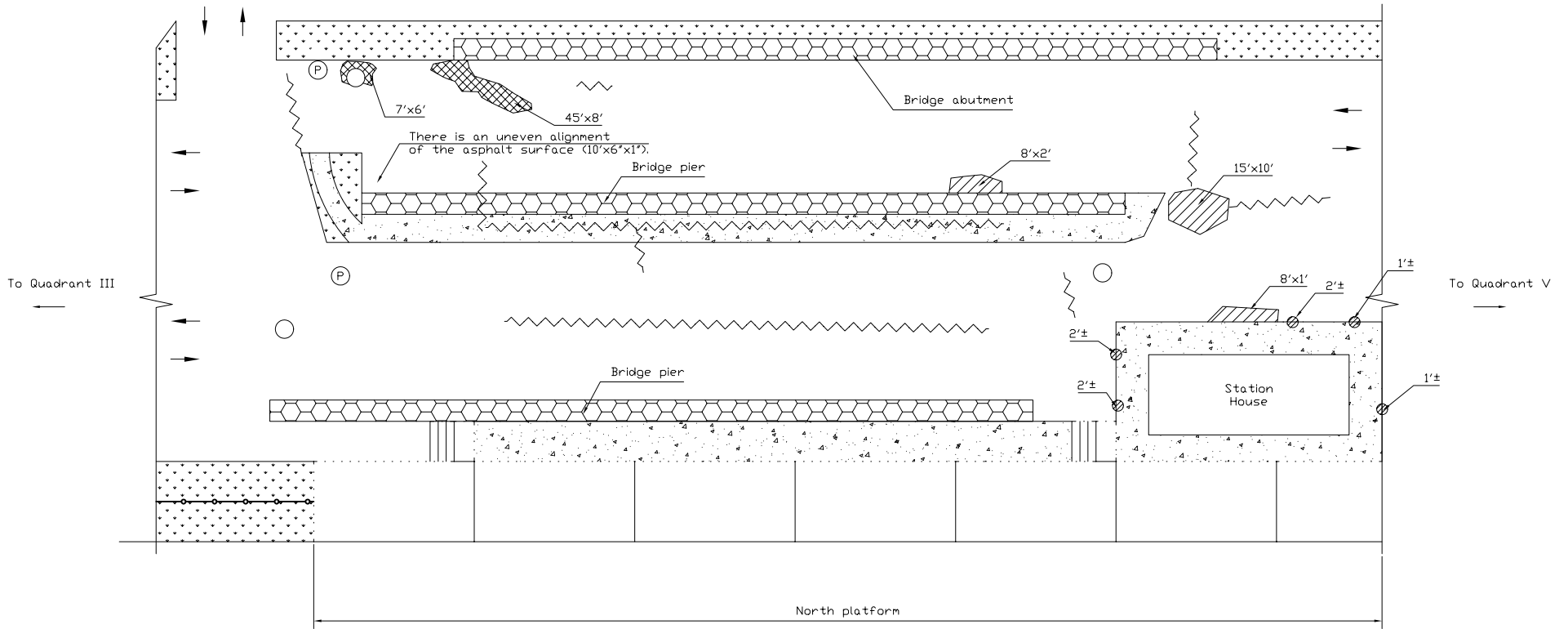
Legend:

- Fence
- Crack
- Map Cracking
- Uneven driving surface with cracks
- Grass
- Sidewalk
- Sanitary Manhole
- Drain
- Pothole
- Cracked, Spalled, or Missing Curb
- Light
- Train power line pole

NOTES:

1. The asphalt surface is cracked 500'± in addition to the map cracking, and the uneven driving surface with cracks.

Urbitran Associates, Inc.
Connecticut Dept. of Transportation
Cos Cob Station Quadrant III (Lot 3) Plan
Date: 2/10/02



Legend:

- Fence
- Guardrail
- Pedestrian Rail
- Crack
- Map Cracking
- Uneven driving surface with cracks
- Grass
- Sidewalk
- Sanitary Manhole
- Drain
- Ponding Water
- Pothole
- Cracked, Spalled, or Missing Curb

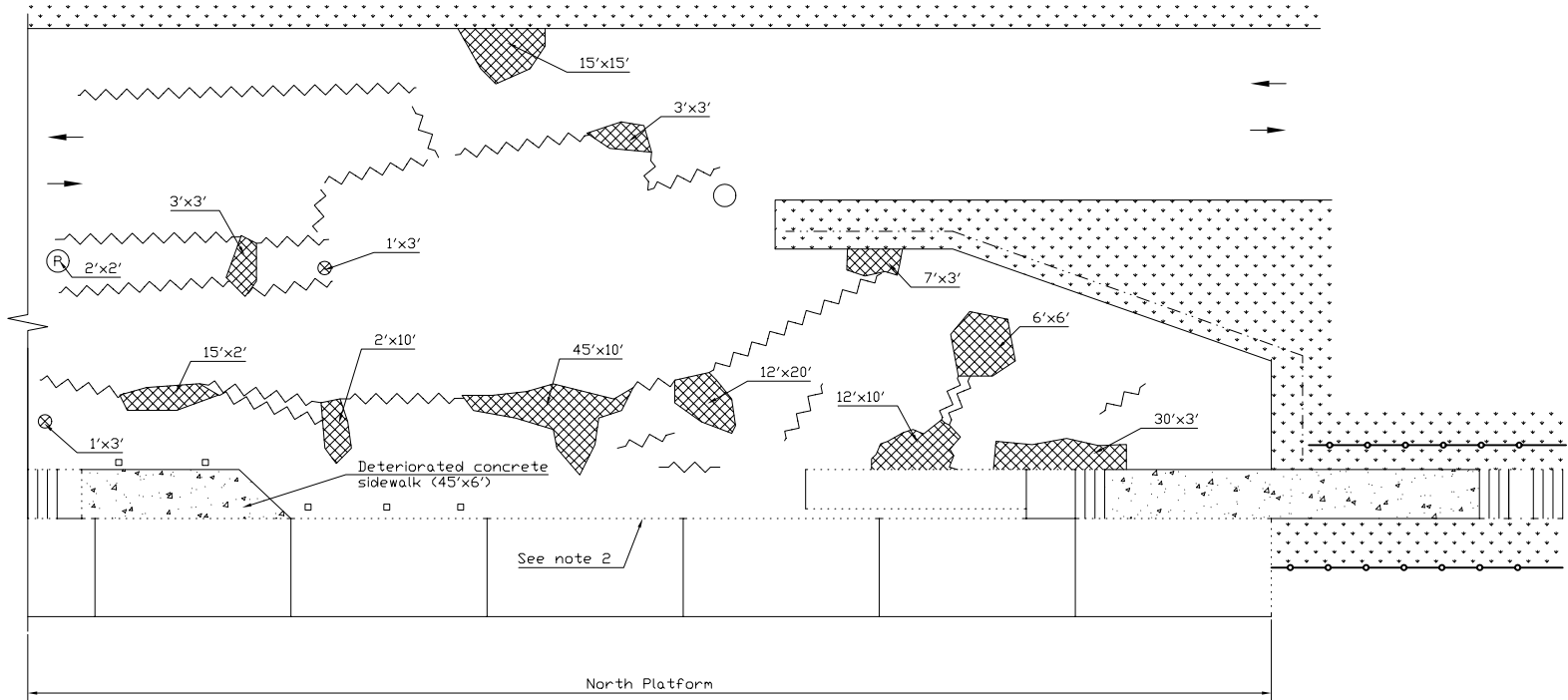
NOTES:

1. The asphalt surface is cracked 300'± in addition to the map cracking, and the uneven driving surface with cracks.

Urbitran Associates, Inc.
Connecticut Dept. of Transportation
Cos Cob Station
Quadrant IV (Lot 3) Plan
Date: 2/10/02



To Quadrant IV



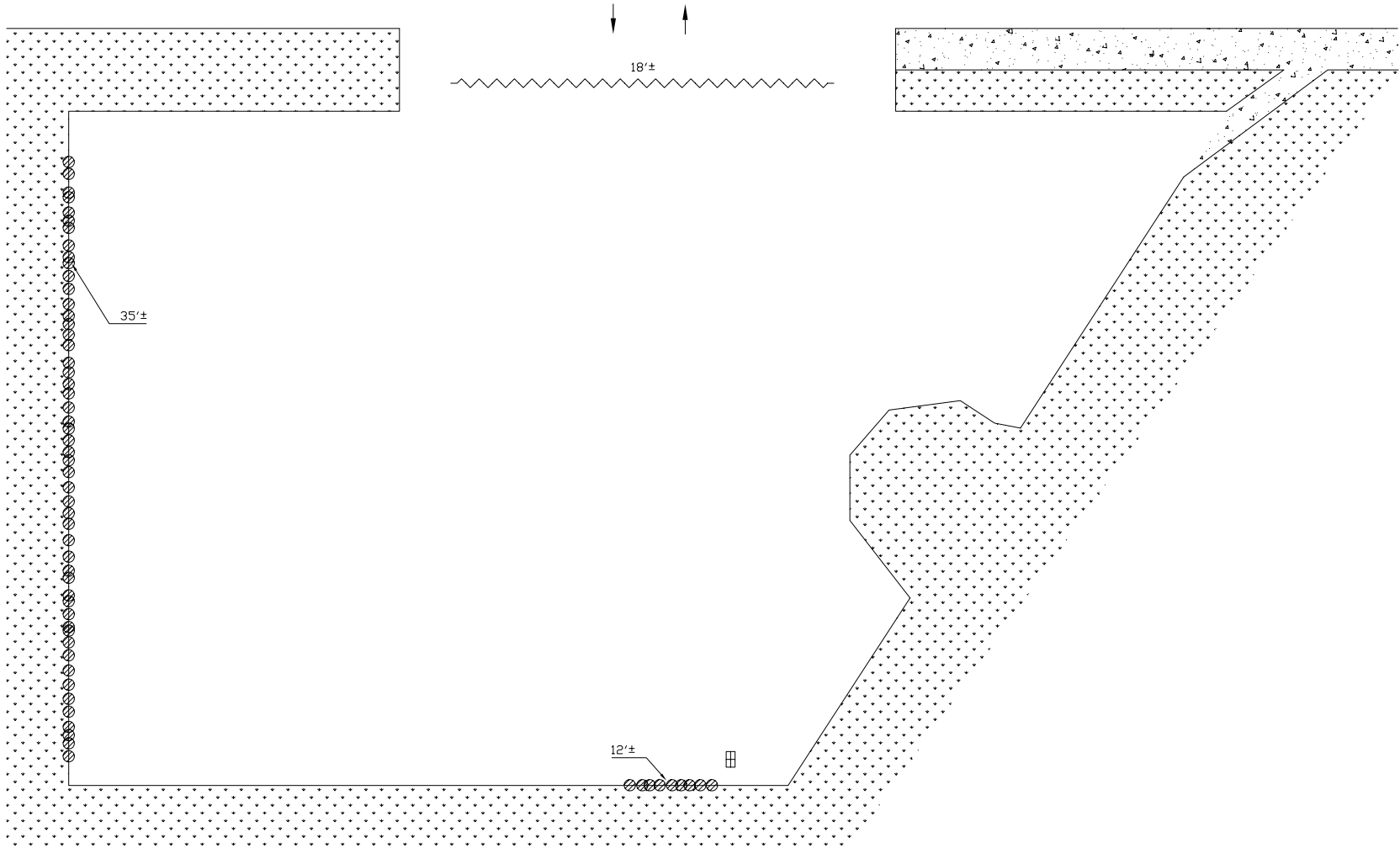
Legend:

- Fence
- Guardrail
- Pedestrian Rail
- Crack
- Map Cracking
- Grass
- Sidewalk
- Sanitary Manhole
- Drain
- Ponding Water
- Pothole
- Cracked, Spalled, or Missing Curb
- Rusted metal pole






NOTES:

1. The asphalt surface is cracked 500'± in addition to the map cracking, and the uneven driving surface with cracks.
2. The concrete curb below the platform is spalled (240'±).

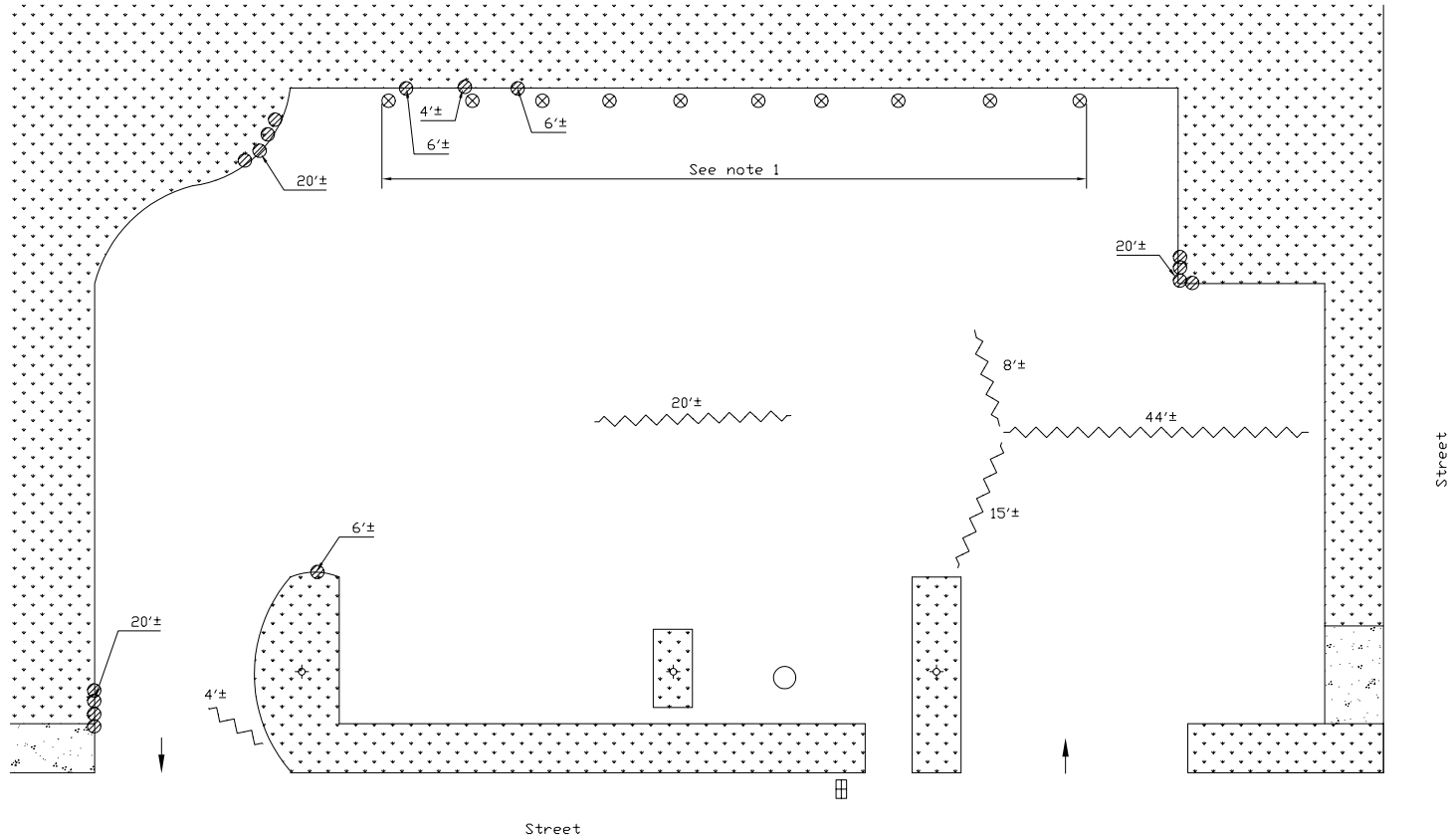
Urbitran Associates, Inc.
Connecticut Dept. of Transportation
Cos Cob Station Quadrant V (Lot 3) Plan
Date: 2/10/02



Legend:

-  Crack
-  Grass
-  Sidewalk
-  Drain
-  Cracked, Spalled, or Missing Curb

Urbitran Associates, Inc.
Connecticut Dept. of Transportation
Cos Cob Station Quadrant VI (Lot 1A) Plan
Date: 2/10/02

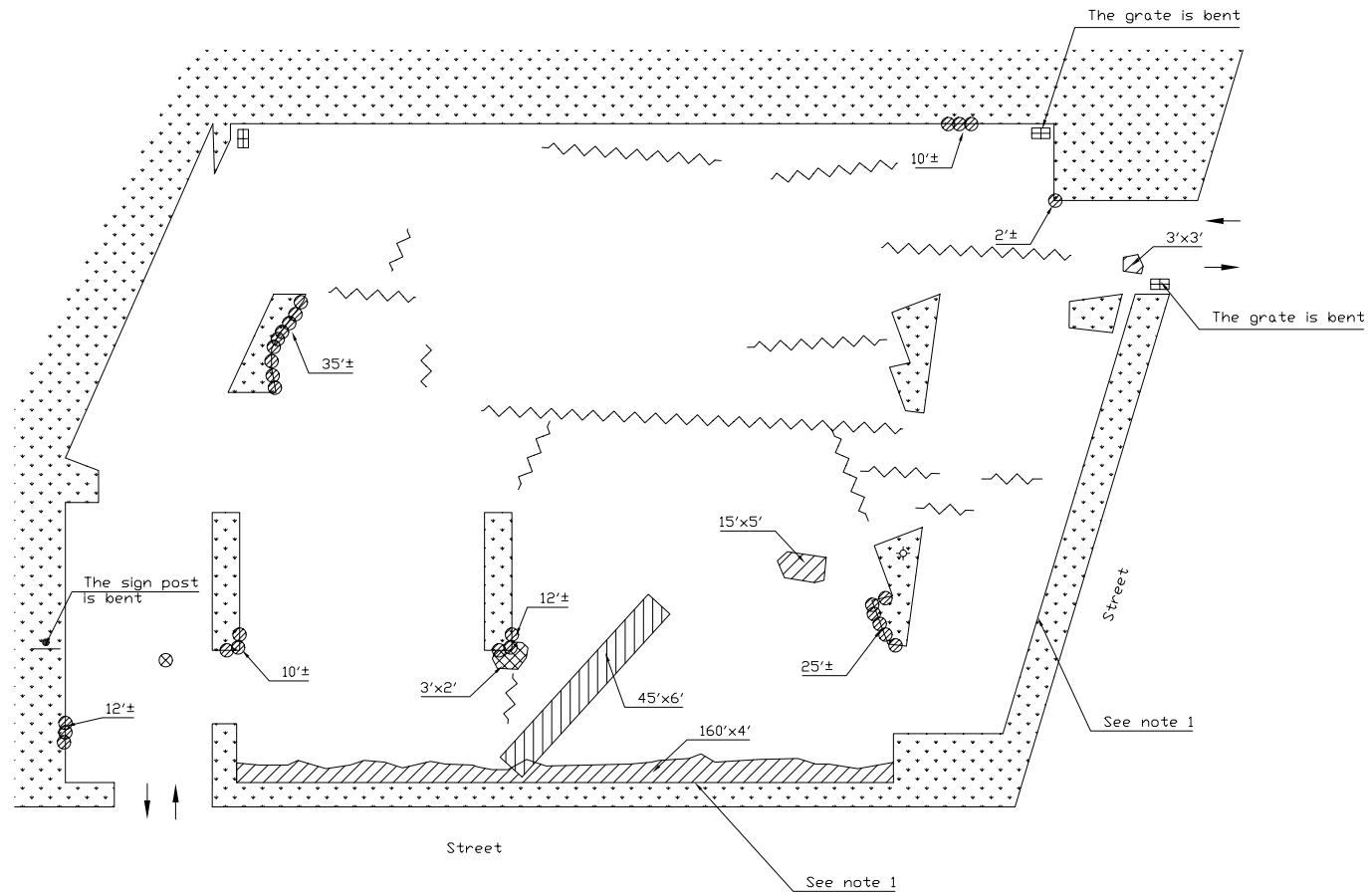


- Legend:
- Crack
 - Grass
 - Sidewalk
 - Sanitary Manhole
 - Drain
 - Pothole
 - Cracked, Spalled, or Missing Curb
 - Light

NOTES:

1. There are ten areas (4'x4' each) that are missing asphalt.

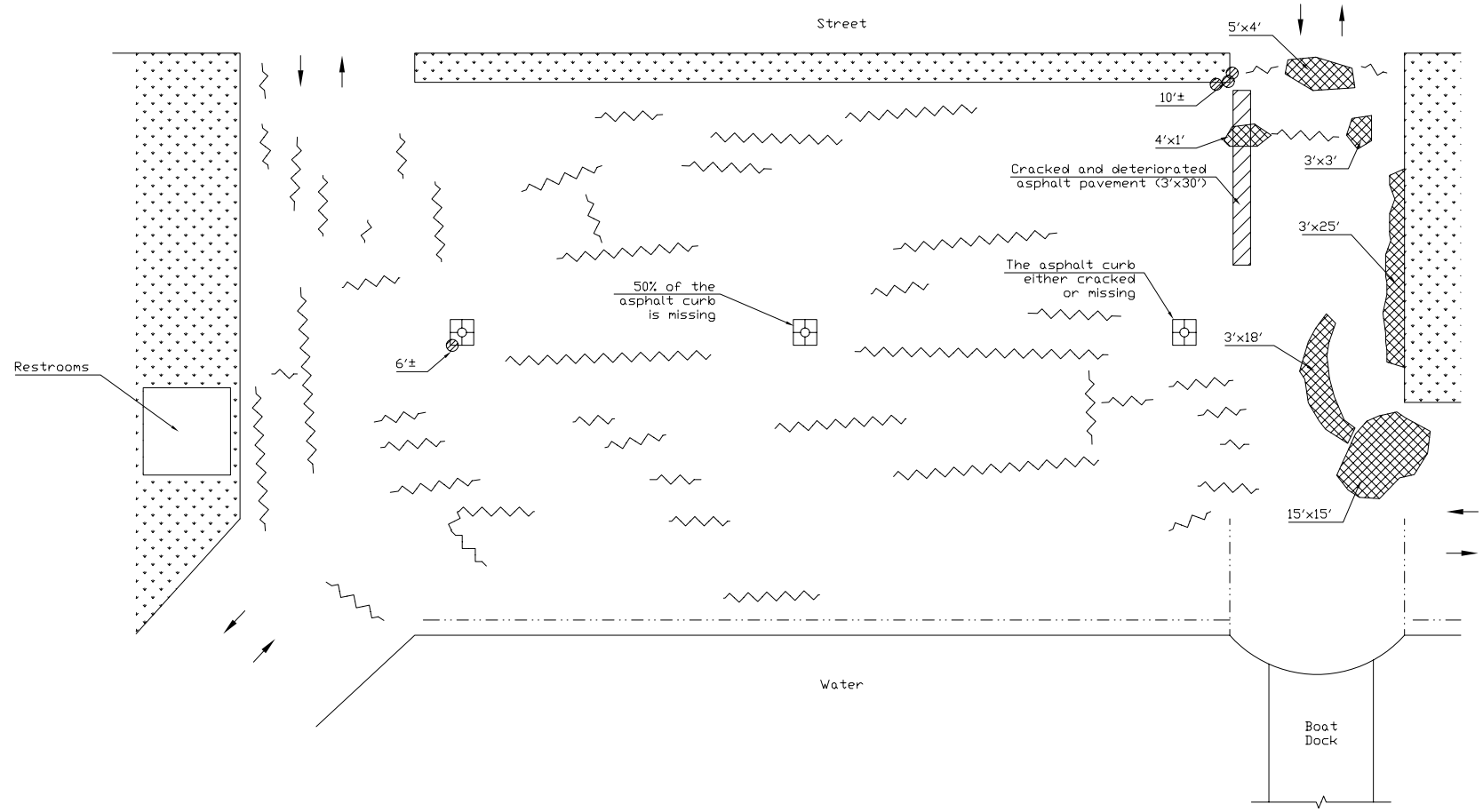
Urbitran Associates, Inc.
Connecticut Dept. of Transportation
Cos Cob Station Quadrant VII (Lot 2) Plan
Date: 2/10/02



- Legend:
- Fence
 - Guardrail
 - Pedestrian Rail
 - Crack
 - Map Cracking
 - Uneven driving surface with cracks
 - Grass
 - Sidewalk
 - Sanitary Manhole
 - Drain
 - Pothole
 - Cracked, Spalled, or Missing Curb
 - Light
 - Sign

- NOTES:
1. The curb is cracked, spalled, or missing (240'±).
 2. The asphalt pavement is cracked 500'± in addition to the map cracking, and uneven driving surface with cracks.

Urbitran Associates, Inc.
Connecticut Dept. of Transportation
Cos Cob Station Quadrant VIII (Lot 1B) Plan
Date: 2/10/02



- Legend:
- Guardrail
 - ~~~~~ Crack
 - ▨ Map Cracking
 - ▤ Grass
 - ⊗ Cracked, Spalled, or Missing Curb
 - ⊕ Tree and landscape

NOTES:
 1. In addition to the isolated map cracking, the asphalt surface is cracked 700'±.

Urbitran Associates, Inc.
Connecticut Dept. of Transportation
Cos Cob Station Quadrant IX (Lot 1) Plan
Date: 2/10/02

STATION: Cos Cob

CONN. DEPT OF TRANSPORTATION
 STATION INSPECTION REPORT
 SHEET 33 OF 64

INSPECTORS: RGW

DATE: 2/10/02

RATINGS		PHOTO NO.	REMARKS:
NEW	PREV		
2		24	All Spans (both platforms) 2 - The railing base plate is rusted and deteriorated
3		25	Span VIII (S-platform) 5 - The is a concrete crack on the top of the platform
3		26	Spans VI-VII (N-platform) 14 - The canopy framing elements are rusted
3		27	All Spans (S-platform) 15 - The edge of the double tee is spalled
3		28	Span VIII (S-platform) 15 - The base of the double tee is spalled with exposed steel in an isolated area
2		29	All Spans (both platforms) NA - The base plates for the double tee are rusted and deteriorated
3		30	Quad I-III, VI Surface - There are cracks in the asphalt pavement
2		31	Quad I Sidewalk - The asphalt sidewalk is cracked and has an uneven walking surface
3		32	Quad I, VIII Drain - The grate of the drain is bent
2		33,36	Quad I Curb - The curb is missing, or damaged throughout the Quadrant
3		35	Quad II Curb - There is an isolated area where the block curb was missing
2		36	Quad III Curb - There are multiple location where the asphalt curb is missing or damaged
2		37	Quad IV Surface - There is an uneven alignment in the asphalt pavement

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
SHEET 35 OF 64

PHOTO NO. 1

Location: Span VI of the north platform

Description: General view of the north platform

Reference: Looking east

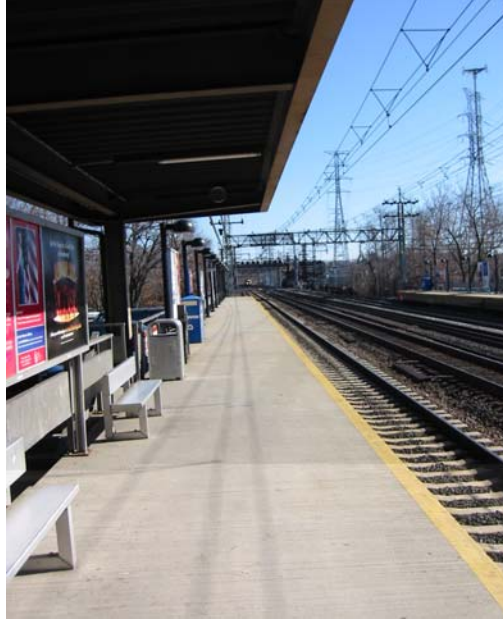


PHOTO NO. 2

Location: Span VI of the north platform

Description: General view of the north platform

Reference: Looking west



STATION: Cos Cob

INSPECTORS: RGW

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
SHEET 36 OF 64

PHOTO NO. 3

Location: Span XIII of the south platform

Description: General view of the south platform

Reference: Looking west



PHOTO NO. 4

Location: Span I of the south platform

Description: General view of the south platform

Reference: Looking east



STATION: Cos Cob

INSPECTORS: RGW

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
SHEET 37 OF 64

PHOTO NO. 5

Location: _____
North of the station
house

Description: _____
General view of the
station house

Reference: _____
Looking south



PHOTO NO. 6

Location: _____
West side of Quad I

Description: _____
General view of Quad I

Reference: _____
Looking east



STATION: Cos Cob

INSPECTORS: SS, RGW

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
SHEET 38 OF 64

PHOTO NO. 7

Location: East side of Quad I

Description: General view of Quad I

Reference: Looking west



PHOTO NO. 8

Location: East side of Quad II

Description: General view of Quad II

Reference: Looking west



STATION: Cos Cob

INSPECTORS: RGW

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
SHEET 39 OF 64

PHOTO NO. 9

Location:
West side of Quad II

Description:
General view of Quad II

Reference:
Looking east



PHOTO NO. 10

Location:
West side of Quad III

Description:
General view of Quad III

Reference:
Looking east



STATION: Cos Cob
INSPECTORS: RGW

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
SHEET 40 OF 64

PHOTO NO. 11

Location: East side of Quad III

Description: General view of Quad III

Reference: Looking west



PHOTO NO. 12

Location: West side of Quad IV

Description: General view of Quad IV

Reference: Looking east



STATION: Cos Cob

INSPECTORS: RGW

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
SHEET 41 OF 64

PHOTO NO. 13

Location: _____
East side of Quad IV

Description: _____
General view of Quad IV

Reference: _____
Looking west



PHOTO NO. 14

Location: _____
West side of Quad V

Description: _____
General view of Quad V

Reference: _____
Looking east



STATION: Cos Cob

INSPECTORS: RGW

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
SHEET 42 OF 64

PHOTO NO. 15

Location: East side of Quad V

Description: General view of Quad V

Reference: Looking west



PHOTO NO. 16

Location: South side of Quad VI

Description: General view of Quad VI

Reference: Looking north



STATION: Cos Cob

INSPECTORS: RGW

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
SHEET 43 OF 64

PHOTO NO. 17

Location: West side of Quad VI

Description: General view of Quad VI

Reference: Looking east



PHOTO NO. 18

Location: East side of Quad VII

Description: General view of Quad VII

Reference: Looking west



STATION: Cos Cob

INSPECTORS: RGW

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
SHEET 44 OF 64

PHOTO NO. 19

Location: West side of Quad VII

Description: General view of Quad VII

Reference: Looking east



PHOTO NO. 20

Location: West side of Quad VIII

Description: General view of Quad VIII

Reference: Looking east



STATION: Cos Cob

INSPECTORS: RGW

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
SHEET 45 OF 64

PHOTO NO. 21

Location: West side of Quad VIII

Description: General view of Quad VIII

Reference: Looking east



PHOTO NO. 22

Location: South side of Quad IX

Description: General view of Quad IX

Reference: Looking north



STATION: Cos Cob

INSPECTORS: RGW

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
SHEET 46 OF 64

PHOTO NO. 23

Location: North side of Quad IX

Description: General view of Quad IX

Reference: Looking south



PHOTO NO. 24

Location: Span V of the south platform

Description: Typical rusted and deteriorated railing base plate

Reference: Looking west



STATION: Cos Cob

INSPECTORS: RGW

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
SHEET 47 OF 64

PHOTO NO. 25

Location: Span VIII of the south platform

Description: Concrete crack

Reference: Looking west



PHOTO NO. 26

Location: Span VI of the north platform

Description: Typical rusted canopy member

Reference: Looking west



STATION: Cos Cob
INSPECTORS: RGW

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
SHEET 48 OF 64

PHOTO NO. 27

Location: Span VI of the south platform

Description: Typical spalled edge of the platform

Reference: Looking east



PHOTO NO. 28

Location: West of Span VIII of the south platform

Description: Spalled concrete with exposed steel

Reference: Looking east



STATION: Cos Cob

INSPECTORS: RGW

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
SHEET 49 OF 64

PHOTO NO. 29

Location: South of Span XIII of the south platform

Description: Typical rusted and deteriorated base plate for the double tee

Reference: _____



PHOTO NO. 30

Location: Middle of Quad I

Description: Typical asphalt crack

Reference: Looking south



STATION: Cos Cob

INSPECTORS: RGW

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
SHEET 50 OF 64

PHOTO NO. 31

Location: _____
North side of Quad I

Description: _____
The asphalt sidewalk
is cracked with an
uneven walking surface

Reference: _____
Looking west



PHOTO NO. 32

Location: _____
Northeast corner of
Quad VIII

Description: _____
The grate of the drain
is bent

Reference: _____
Looking north



STATION: Cos Cob

INSPECTORS: RGW

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
SHEET 51 OF 64

PHOTO NO. 33

Location: _____
North side of Quad I

Description: _____
Missing and spalled
concrete curb

Reference: _____
Looking west

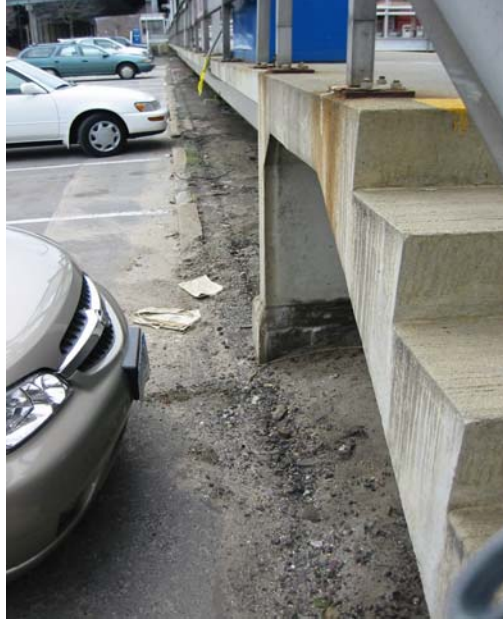


PHOTO NO. 34

Location: _____
North side of Quad I

Description: _____
Typical spalled
concrete curb

Reference: _____
Looking east



STATION: Cos Cob

INSPECTORS: RGW

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
SHEET 52 OF 64

PHOTO NO. 35

Location: _____
South side of Quad I

Description: _____
Missing block curb

Reference: _____
Looking south



PHOTO NO. 36

Location: _____
South side of Quad I

Description: _____
Missing asphalt curb

Reference: _____
Looking south



STATION: Cos Cob

INSPECTORS: RGW

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
SHEET 53 OF 64

PHOTO NO. 37

Location: Middle of Quad IV

Description: Uneven alignment of the asphalt pavement

Reference: Looking down



PHOTO NO. 38

Location: West side of Quad IV

Description: Typical ponding of water and map cracking

Reference: Looking north



STATION: Cos Cob

INSPECTORS: RGW

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
SHEET 54 OF 64

PHOTO NO. 39

Location: _____
North side of Quad IX

Description: _____
Typical map cracking

Reference: _____
Looking east



PHOTO NO. 40

Location: _____
South side of Quad VIII

Description: _____
Typical uneven driving surface with cracks

Reference: _____
Looking east



STATION: Cos Cob

INSPECTORS: RGW

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
SHEET 55 OF 64

PHOTO NO. 41

Location: South side of Quad V

Description: The concrete footings for the fence are exposed

Reference: Looking east



PHOTO NO. 42

Location: South side of Quad V

Description: The concrete sidewalk and curb is spalled and cracked with vegetation growth

Reference: Looking west



STATION: Cos Cob
INSPECTORS: RGW

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
SHEET 56 OF 64

PHOTO NO. 43

Location: _____
South side of Quad V

Description: _____
Typical abandoned
post which is rusted

Reference: _____
Looking south



PHOTO NO. 44

Location: _____
North side of Quad VII

Description: _____
An isolated area where
the asphalt is missing

Reference: _____
Looking north



STATION: Cos Cob

INSPECTORS: RGW

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
SHEET 57 OF 64

PHOTO NO. 45

Location: _____
West side of Quad VIII

Description: _____
Bent sign post

Reference: _____
Looking west



PHOTO NO. _____

Location: _____

Description: _____

Reference: _____

STATION: Cos Cob

INSPECTORS: RGW

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
SHEET 58 OF 64

PHOTO NO. 46

Location: _____
parking lot

Description: _____
service pole

Reference: _____
Station Building
Service Section



PHOTO NO. 47

Location: _____
adjacent to the
building

Description: _____
service entrance
at the building

Reference: _____
Station Building
Service Section



Cos Cob

CRS: Jim Connell & Dave Lang

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
SHEET 59 OF 64

PHOTO NO. 48

Location: _____
waiting room

Description: _____
waiting room
lighting and
smoke detectors

Reference: _____
Station Building
Lighting Section



PHOTO NO. 49

Location: _____
platform

Description: _____
platform lighting
and speakers

Reference: _____
Platform Lighting
Section



Cos Cob

DRS: Jim Connell & Dave Lang

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
SHEET 60 OF 64

PHOTO NO. 50

Location:
platform

Description:
platform canopy
lighting

Reference:
Platform Lighting
Section



PHOTO NO. 51

Location:
platform

Description:
a typical platform
receptacle

Reference:
Platform Electrical
System Section



Cos Cob

DRS: Jim Connell & Dave Lang

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
SHEET 61 OF 64

PHOTO NO. 52

Location:
COS COB
STATION

Description:
Station Name

Reference:
Mechanical



PHOTO NO. 53

Location:
COS COB
STATION

Description:
platform
downspout
lower part
missing

Reference:
Mechanical



STATION: COS COB
INSPECTORS: J. Duncan, T. Abrahamson

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
SHEET 62 OF 64

PHOTO NO. 54

Location:
EQUIPMENT
ROOM

Description:
TRANE Heating
(GAS) and A/C
Unit

Reference:
Combustion air
from outside
through a damper,
not seen in picture,
w/ hand operated
damper

Mechanical

PHOTO NO. _____

Location: _____

Description: _____

Reference: _____



STATION: COS COB

INSPECTORS: J. Duncan, T. Abrahamson

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
SHEET 63 OF 64

PHOTO NO. 55

Location:
COS COB
STATION

Description:
Waiting and
Cafeteria Room
shown ceiling
4 way diffuser

Reference:
Mechanical



PHOTO NO. _____

Location: _____

Description: _____

Reference: _____

STATION: COS COB
INSPECTORS: J. Duncan, T. Abrahamson

Cos Cob Station

Description	Units	Quantity	Price / Unit	Total Cost
Replacing asphalt sidewalk				
-Remove asphalt (6")	yd ³	7.00	\$30.00	\$210.00
-Installing asphalt (6" layer)	yd ²	42.00	\$25.00	\$1,050.00
Replacing asphalt pavement (potholes, ponding of water, map cracking, and uneven driving surface with cracks)				
-Remove asphalt	yd ³	142.00	\$30.00	\$4,260.00
-6" asphalt top course and binder course	yd ²	393.00	\$25.00	\$9,825.00
-7" aggregate base	yd ³	77.00	\$20.00	\$1,540.00
Fill in asphalt cracks	ft	3200.00	\$2.00	\$6,400.00
Remove and install curb	ft	1000.00	\$100.00	\$100,000.00
Repair spalled concrete	ft ²	30.00	\$40.00	\$1,200.00
Misc (clean and paint structural steel)	LS	-	-	\$5,000.00
Misc (fence, signs, etc.)	LS	-	-	\$1,000.00
Replace platform light pole (pole only)	Each	3.00	1795.00	\$5,385.00
Replace platform canopy luminaires	Each	4.00	700.00	\$2,800.00
Repair/Replace platform receptacles	Each	10.00	50.00	\$500.00
Replace platform lighting conduit/conduit fittings				
-fittings	Each	10.00	75.00	\$750.00
-conduit	Each	500.00	10.00	\$5,000.00
-type XHHW conductors	Each	2000.00	0.50	\$1,000.00
Installation of grille	LS	-	-	\$400.00
Repair platform downspout	LS	-	-	\$300.00
Repair building downspout	LS	-	-	\$300.00
Mobilization / Demobilization (10%)				\$14,692.00
Sub-total				\$161,612.00
Contingency (20%)				\$32,322.40
Grand Total				\$193,934.40
Say				\$194,000.00