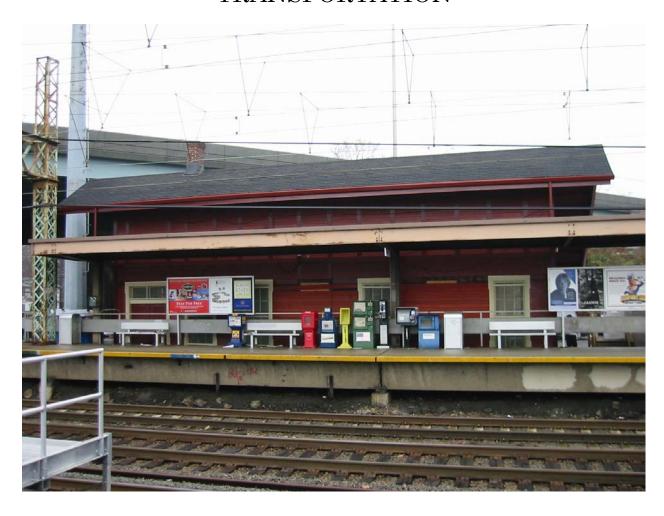
CONNECTICUT DEPARTMENT OF TRANSPORTATION



CONDITION INSPECTION FOR THE COS COB STATION

GENERAL RECOMMENDATION 3

PREPARED BY: URBITRAN ASSOCIATES, INC.

DATE: 11/15/02

CONN. DEPT OF TRANSPORTATION STATION INSPECTION

INSPECTION RATING SCALE

The following rating scale is used for inspections:

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

STATION: _	Cos C	Cob			CONN. DE	PT OF TRA	ANSPORT	ATION
LINE:	NE: New Haven Line				STATION I	N REPOR	₹T	
INSPECTIO	N DATE: _	2/10/02			SHEET	1	OF	64
INSPECTIO	N AGENC	Y / FIRM:	UA					
INSPECTO	RS:I	RGW						
WEATHER:		Cloudy, 30's						

(NORTHBOUND) SOUTH PLATFORM

			PLAT	FORI	M ELE	MEN	Γ					CAN	OPY		SUPER-	FOUN	NDATI	ONS
SPAN NO.	RAILING	RAILING PAINT	STAIRS	JOINTS	TOP OF PLATFORM	BENCHES	SIGN / BILLBOARD	WARNING STRIP	PLATFORM EDGE RUBBING BOARD	PEDESTRIAN TUNNEL	COLUMNS OVERALL	COLUMN BASE @ PLATFORM	ROOF FRAMING ELEMENTS	ROOFING MATERIAL	STRUCTURE DOORE LEE	PIER	FOOTING	EROSION / SCOUR
	3	2	3	3	5	6 5	7	3	9 5	10 5	11 5	12 5	13	14 5	15	16 5	17	18
II	3	2	5	3	3	5	3	3	5	5	5	5	5	5	3	5	3	3
III	3	2	3	3	3	5	3	3	5	5	5	5	5	5	3	3	3	3
IV	3	2	5	3	3	5	3	3	5	5	5	5	5	5	3	5	3	3
V	3	2	5	3	3	5	3	3	5	5	5	5	5	5	3	5	3	3
VI	3	2	5	3	3	5	3	3	5	5	5	5	5	5	3	5	3	3
VII	3	2	5	3	3	3	3	3	5	5	5	5	5	5	3	5	3	3
VIII	3	2	5	3	3	3	5	3	5	5	5	5	5	5	3	5	3	3
IX	3	2	3	3	3	3	3	3	5	5	5	5	5	5	3	3	3	3
Х	3	2	5	3	3	5	3	3	5	5	5	5	5	5	3	5	3	3
ΧI	3	2	5	3	3	5	3	3	5	5	5	5	5	5	3	5	3	3
XII	3	2	5	3	3	5	3	3	5	5	5	5	5	5	3	5	3	3
XIII	3	2	3	5	3	5	3	3	5	5	5	5	5	5	3	3	3	3

STATION:	Cos C	ob			CONN. DE	PT OF TR	ANSPORT	FATION	
LINE:	New H	laven Line			STATION I	NSPECTION	ON REPO	RT	
INSPECTION	DATE:	2/10/02			SHEET	2	OF	64	
INSPECTION	AGENC	/	UA						
INSPECTORS	S: <u>F</u>	RGW							
WEATHER:	C	Cloudy, 30's							

(SOUTHBOUND) NORTH PLATFORM

			PLAT	FORI	M ELE	MEN	T					CAN	OPY		SUPER-	FOUN	NDATI	ONS
			,	,								,			STRUCTURE			
SPAN NO.	1 RAILING	8 RAILING PAINT	ω STAIRS	SLNIOF 4	9 TOP OF PLATFORM	9 BENCHES	2 SIGN / BILLBOARD	8 WARNING STRIP	ω PLATFORM EDGE RUBBING BOARD	0 PEDESTRIAN TUNNEL	L COLUMNS OVERALL	☑ COLUMN BASE @ PLATFORM	ROOF FRAMING ELEMENTS	7 ROOFING MATERIAL	15 DOUBLE TEE	16	17 FOOTING	8 EROSION / SCOUR
1	3	2	3	3	3	5	3	3	5	5	5	5	5	5	3	3	3	3
II	3	2	5	3	3	5	3	3	5	5	5	5	5	5	3	5	3	3
III	3	2	5	3	3	5	3	3	5	5	5	5	5	5	3	5	3	3
IV	3	2	5	3	3	5	3	3	5	5	5	5	5	5	3	5	3	3
V	3	2	3	3	3	5	3	3	5	5	5	5	5	5	3	3	3	3
VI	3	2	5	3	3	3	3	3	5	5	3	3	3	3	3	5	3	3
VII	3	2	3	3	3	3	3	3	5	5	3	3	3	3	3	3	3	3
VIII	3	2	5	3	3	5	3	3	5	5	5	5	5	5	3	5	3	3
IX	3	2	5	3	3	5	3	3	5	5	5	5	5	5	3	5	3	3
Х	3	2	5	3	3	5	3	3	5	5	5	5	5	5	3	5	3	3
ΧI	3	2	5	3	3	5	3	3	5	5	5	5	5	5	3	5	3	3
XII	3	2	5	3	3	5	3	3	5	5	5	5	5	5	3	5	3	3
XIII	3	2	3	5	3	5	5	3	5	5	5	5	5	5	3	3	3	3

STATION: Cos Cob LINE: New Haven	CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT
INSPECTION DATE: 11-30-01	SHEET 3 OF 64
INSPECTION AGENCY / FIRM: UA	
INSPECTORS: JFS, RGW	_
WEATHER: 50's, rainy	
BUILDING ELEMENTS	
INTERIOR ELEMENTS	
19. FLOOR: 4	
20. CEILING: 4	
21. WINDOWS: 4	
22. DOORS: 4	
23. FINISH: 4	
EXTERIOR ELEMENTS	
04 00000	
24. DOORS: 4 25. WINDOWS: 4	
26. FACADE / FINISH: 4	
27. FOUNDATION: 4	
28. SETTLEMENT: 4	
29. ROOF: 4	
DEMARKS.	
REMARKS:	
The entire station was under renovations during the time of o	ur inspection.

STATION:	Cos Cob		CONN. DE	PT OF	TRAN	SPORTATION
LINE:	New Haven		STATION I	NSPE	CTION	REPORT
INSPECTION	N DATE:	2/10/02	SHEET	4	OF	64
INSPECTION	N AGENCY / FIRM:	UA				
INSPECTOR	S: RG\	N				
WEATHER:	Cloudy, ra	ain, 30's				
		<u>-</u>				
		PARKING ELEMENTS				
		QUADRANT # I				
TYPE OF SU	JRFACE: asphalt	x PAVED;	GRAVEL:			DIRT:
0. 00	aophait	OTHER (DESCRIBE)				
CONDITION	OF PAVED SURFA	ACE: 3				
CONDITION	OF STRIPING:	3				
CONDITION	OF BASIN / DRAIN	S / ETC: 3				
	TION SEE SHEET:					
(
SIGNAGE:	3					
FENCE AND	GUARDRAIL:	3				
LANDSCAPE	≣:3					
SIDEWALK:	2					
CURB:	2					
		QUADRANT # II				
TYPE OF SI	IDEACE: conholt	v DAVED:	CDAVEL			DIDT:
TIPE OF SC	IRFACE. aspirali	x PAVED; OTHER (DESCRIBE)	GRAVEL;			DIRT;
		OTHER (DESCRIBE)				
CONDITION	OF PAVED SURFA	ACE:3				
CONDITION	OF STRIPING:	3				
CONDITION	OF BASIN / DRAIN	S/ETC: 3				
	TION SEE SHEET:					
(FOR LOCA	HON SEE SHEET.	See Sketch)				
SIGNAGE:	3					
FENCE AND	GUARDRAIL:	3				
LANDSCAPE	Ξ: 3					
SIDEWALK:	3					
CLIDD .	0					

STATION: Cos Cob	CONN. DEPT OF TRANSPORTATION
LINE: New Haven INSPECTION DATE: 2/10/02	STATION INSPECTION REPORT SHEET 5 OF 64
INSPECTION AGENCY / FIRM: UA	311EE1 <u>3</u> 01 <u>04</u>
INSPECTORS: RGW	
WEATHER: Cloudy, rain, 30's	
PARKING ELEMENT	rs ·
QUADRANT # III	
TYPE OF SURFACE: asphalt x PAVED; OTHER (DESCRIE	
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; OTHER (DESCRIE	
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			
INSPECTION	New Haven I DATE: I AGENCY / FIRM: S: RG	·W	CONN. DEPT OF TRANSF STATION INSPECTION RI SHEET 6 OF 6	EPORT
		PARKING ELEMENTS		
		QUADRANT # V		
TYPE OF SU	RFACE: asphalt	x PAVED; OTHER (DESCRIBE)	GRAVEL;	_DIRT;
CONDITION	OF PAVED SURF	ACE: 2		
CONDITION	OF STRIPING:	3		
CONDITION (FOR LOCA	OF BASIN / DRAIN TION SEE SHEET	NS / ETC:		
SIGNAGE:	3			
FENCE AND	GUARDRAIL:	3		
LANDSCAPE	E: <u>3</u>			
SIDEWALK:	2			
CURB:	2			
		QUADRANT # VI		
TYPE OF SU	RFACE: asphalt	x PAVED; OTHER (DESCRIBE)	GRAVEL;	_DIRT;
CONDITION	OF PAVED SURF	ACE:3		
CONDITION	OF STRIPING:			
	OF BASIN / DRAIN TION SEE SHEET			
SIGNAGE:	3			
FENCE AND	GUARDRAIL:	5		
LANDSCAPE	E: <u>3</u>			
SIDEWALK:	3			

CURB:	2		
INSPECTION INSPECTION	New Haven I DATE: I AGENCY / FIRM:	W UA	CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT SHEET 7 OF 64
		PARKING ELEMENTS	
		QUADRANT # VII	
TYPE OF SU	RFACE: asphalt	x PAVED; OTHER (DESCRIBE)	_GRAVEL;DIRT;
CONDITION	OF PAVED SURFA	ACE: 3	
CONDITION	OF STRIPING:	3	
	OF BASIN / DRAIN TION SEE SHEET:		
SIGNAGE:	3		
FENCE AND	GUARDRAIL:	5	
LANDSCAPE	i: <u>3</u>		
SIDEWALK:	3		
CURB:	2		
		QUADRANT # VIII	
TYPE OF SU		x PAVED; OTHER (DESCRIBE)	_GRAVEL;DIRT;
CONDITION	OF PAVED SURFA	ACE: 2	
CONDITION	OF STRIPING:	3	
CONDITION (FOR LOCAT	OF BASIN / DRAIN TION SEE SHEET:	S / ETC: 3 see sketch)	
SIGNAGE:	3		
FENCE AND	GUARDRAIL:	5	
LANDSCAPE	i: <u>3</u>		

SIDEWALK:	5					
CURB:	2					
STATION: Cos LINE: New INSPECTION DA INSPECTION AGI INSPECTORS: WEATHER:	/ Haven TE:	w rain, 30's		CONN. DEF STATION IN SHEET	ISPECTION	
		PARKIN	G ELEMENTS			
		QUADRA	NT # IX			
TYPE OF SURFA	CE: asphalt	x PAVI OTH	ED; ER (DESCRIBE)	_GRAVEL;		DIRT;
CONDITION OF F	PAVED SURF	ACE:	2			
CONDITION OF S	STRIPING:	3				
CONDITION OF E (FOR LOCATION			5)			
SIGNAGE:	3					
FENCE AND GUA	ARDRAIL:	3				
LANDSCAPE:	3					
SIDEWALK:	5					
CURB:	3					

STATION:	Cos Cob	CONN. D	EPT OF	TRAN	ISPORTATIO	N
LINE:	New Haven	STATION	I INSPE	CTION	REPORT	
INSPECTION DATE:	January 9, 2002	SHEET	9	OF_	64	
INSPECTION AGENCY / FIRM:	Parsons Brinckerhoff	-				
INSPECTORS:	Jim Connell & Dave Lang					
TIME OF INSPECTION:	A.M.					
WEATHER:	Clear & Cool					

PLATFORM --- LIGHTING

Span Number	Fixture Type	Manufacturer	Model Number	Rating	Support Condition	Estimated Age/Life(y/y)	Visual Condition
	HID-MH	Gardco w/10 ft pole	MA171MH	3	3		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	a\ 10	_		see	rema	arks									
TRACKS{																
	see remarks	a\ 10	/g).6		see	rema	arks									
	NORTHBOUND PLATFORM															

STATION: Cos Cob CONN. DEPT OF TRANSPORTATION
LINE: New Haven STATION INSPECTION REPORT
INSPECTION DATE: January 9, 2002 SHEET 10 OF 64
INSPECTORS: Jim Connell & Dave Lang

TIME OF INSPECTION: A.M.

WEATHER: Clear & Cool

PLATFORM --- SERVICE

Voltage Rating (V)	120/240	Type of 3 phase connection		Delta	n/a	Wye	n/a
		Method of Entrand	ce	Overhead	n/a	Underground	Χ
Rating of Main Breaker (A)	see	Origin of Service	Š .		Х	Transformer	n/a
	summary	Code Compliant	Yes	Х	No	n/a	
Quantity of Phases	1	Pole Number & Street	no number parking lot	Wire Sizes	unk	nown	
Remarks:		1	II		1		

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:						

. tomanto.			
<u></u>			

STATION:	Cos Cob	CONN. DEPT OF TRANSPORTATION
		STATION INSPECTION REPORT
		SHEET <u>11</u> OF <u>64</u>

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.

INSPECTION A	LII ECTION DAT	RM: Parso RS: Jim C N: A.M. ER: Clear	Haven ary 9, 200 ons Brincl Connell &	kerhoff Dave Lang	ST SH		SPECT	RANSPORT ION REPOI IF 64	
Fixture Type	Manufactur		/lodel	Rating		Estimat		Visual Cor	ndition
ncandescent	unknown	unkn	umber own	3	Condition 3	Age/Life		inor deterio	ration
oendant		1				40/00			
4 ft Tuorescent	unknown	unkn	own	4	4	10/ 20	ne	ew condition	
≣xit	unknown	unkn	own	4	4	2/ 20	ne	ew condition	1
Emergency Egress	unknown	unkn	own	4	4	2/ 20	ne	ew condition	l
Remarks: A ty	pical section o	of the wai	ting room	was meas	ured and found to	average 1	17.3 fc.		
		STATIO	ON BUILD	DING LI	GHTING LEVELS	6 (fc)			
ROOM DESC:	Α	В	С	D	ROOM DESC:	Α	В	С	D
1 waiting room					not used	1			
2						2			
3		vg			;	3			
4	17	7.3				4			
ROOM DESC:	Α	В	С	D	ROOM DESC:	Α	В	С	D
not used					not used	1			
2					:	2			
3					;	3			
4						4			

STATION:	Cos Cob	CONN. DEPT OF TRANSPORTATION
LINE:	New Haven	STATION INSPECTION REPORT
INSPECTION DATE:	January 9, 2002	SHEET 13 OF 64
INSPECTION AGENCY / FIRM:	Parsons Brinckerhoff	
INSPECTORS:	Jim Connell & Dave Lang	
TIME OF INSPECTION:	A.M.	
WEATHER:	Clear & Cool	

STATION BUILDING --- SERVICE

Voltage Rating (V)	120/240	71 1		Delta	n/a	Wye	n/a
		Method of Entrand	e	Overhead	Χ	Underground	n/a
Rating of Main Breaker (A)	225	Origin of Service		Pole	Χ	Transformer	n/a
		Code Compliant	Yes	Χ	No	n/a	
Quantity of Phases	1	Pole Number	Pole Number CL&P 65597 V		unkı	nown	
		& Street	Loughlin St				
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:		
·		

INSPECTION A	CTION DATE: GENCY / FIRM: INSPECTORS: INSPECTION:	New Haven January 9, 20 Parsons Brin Jim Connell 8 A.M. Clear & Cool	ckerhoff & Dave Lang		STA SHE	_	TRANSPORTATION CTION REPORT OF 64
Fire Alarm	Manufacturer		Rating	FIRE ALAR Quantity	Location	Estimated	Visual Condition
Device	Mariarastars.	Number	i kamig	Quantity	Location	Age/Life(y/y)	
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
		STA	TION BUILD	DING SKET	CHES		
			No	ot Used			

STATION:	Cos Cob	CONN. DEPT OF TRANSPORTAT						
		STATION	INSPE	CTION	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

NSPECTION AGENCY / FIRM: Parsons Brinckerhoff
INSPECTORS: J. Duncan & T. Abrahamson
TIME OF INSPECTION: A.M.

WEATHER: Clear & Cool

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	CONN. DEPT OF TRANSPORTATION
LINE:	New Haven	STATION INSPECTION REPORT
INSPECTION DATE:	January 9, 2002	SHEET <u>17</u> OF <u>64</u>
NSPECTION AGENCY / FIRM:	Parsons Brinckerhoff	
INSPECTORS:	J. Duncan & T. Abrahamson	
TIME OF INSPECTION:	A.M.	
WEATHER:	Clear & Cool	

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

PIPING:	Good Repair	
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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	CONN. D	EPT OF	TRAI	NSPORT.	ATION
LINE:	New Haven	STATION	INSPE	CTION	NREPOR	₹T
INSPECTION DATE:	January 9, 2002	SHEET	18	OF	64	
INSPECTION AGENCY / FIRM:	Parsons Brinckerhoff	_				
INSPECTORS:	J. Duncan & T. Abrahamson					
TIME OF INSPECTION:	A.M.					
WEATHER:	Clear & Cool					

PLATFORM - PLUMBING

SPAN NO.	GUTTER	DOWNSPOUT/ PIPING	CLEAN-OUTS	SPAN NO.	GUTTER	DOWNSPOUT/ PIPING	CLEAN-OUTS
All gutte	rs in Good Re	pair 1 platforr	m downspout broke	en			

PLATFORM - FIXTURES -- N/A

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

STATION: Cos Cob LINE: New Haven INSPECTION DATE: January 9, 200 NSPECTION AGENCY / FIRM: Parsons Brinck INSPECTORS: J. Duncan & T. TIME OF INSPECTION: A.M. WEATHER: Clear & Cool	kerhoff	CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT SHEET 19 OF 64
BUILDING - PLUMI	BING - Cafeteria/Wa	iting Area
RESTROOM		
PIPING: No Leaks WATER PRESSURE: Normal DRAINS: OK FAUCET/FIXTURES: * MODEL: Unknown * YEAR: Unknown * MANUFACTURER: Kohler * CONDITION: Good Repair KITCHEN PIPING: No Leaks WATER PRESSURE: Normal DRAINS: OK FAUCET/FIXTURES: * MODEL: Stainless Steel Sink * YEAR: Unknown * MANUFACTURER: Unknown * CONDITION: Good Condition		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 Fixtures and entire station recently remodeled and in excellent condition. Women's Room - same arrangement, same conditions
<u>EXTERIOR</u>		
SPRINKLER: FACET/FIXTURES: * MODEL: * YEAR: * MANUFACTURER: * CONDITION:	N/A	

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

STATION:	Cos Cob	CONN. DEPT OF TRANSPORTATION
	-	STATION INSPECTION REPORT
		SHEET <u>20</u> OF <u>64</u>

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

STATION - MECHANICAL SUMMARY

HVAC System

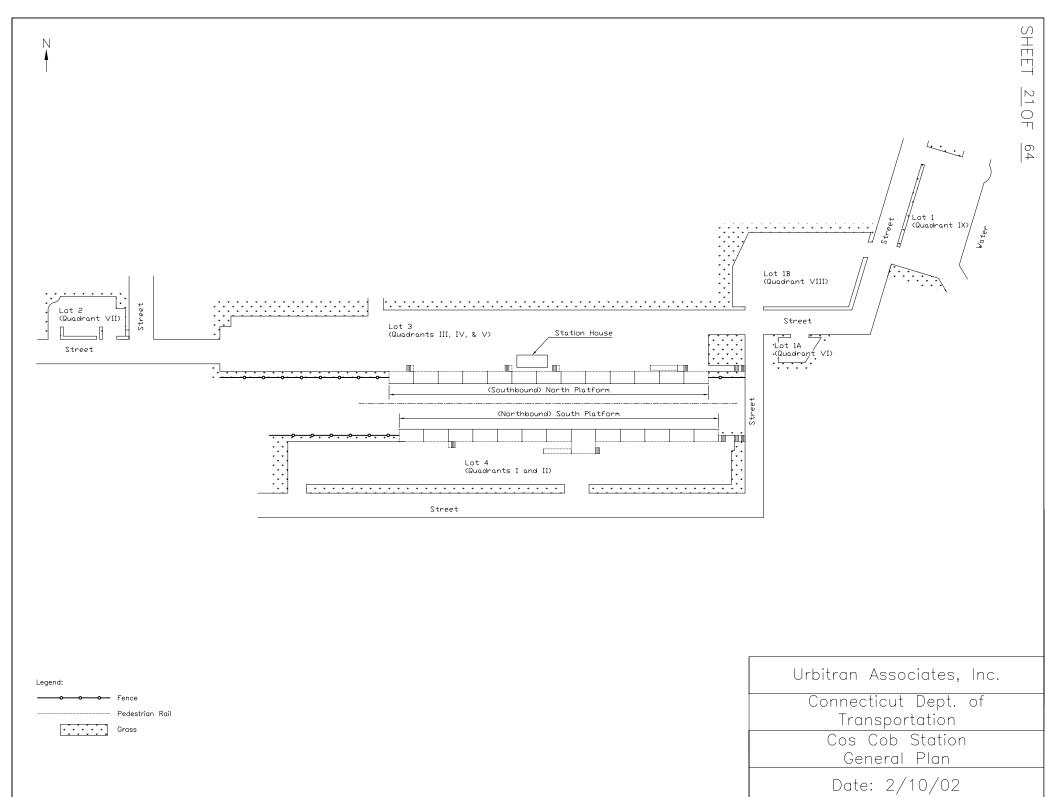
The HVAC system was recently remodeled and is equipped with new HVAC equipment. Ducts are in excellent condition and are appropriately insulated. The system is equipped for spring and fall operation (air relief when refrigeration is not operating and the system uses all outdoor air). Restrooms are separately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

Plumbing

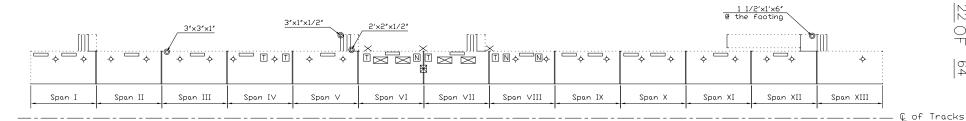
The plumbing system is in very good condition. The station was recently remodeled. Fixtures in the men's and women's rooms are handicapped and water conservation type. The restrooms are handicapped accessible and are in conformance with ADA regulations.

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.



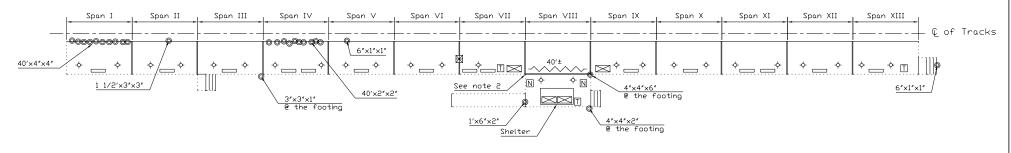




(Southbound) North Platform

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.

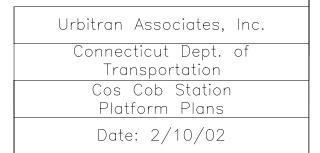


(Northbound) South Platform

NOTES (South Platform):

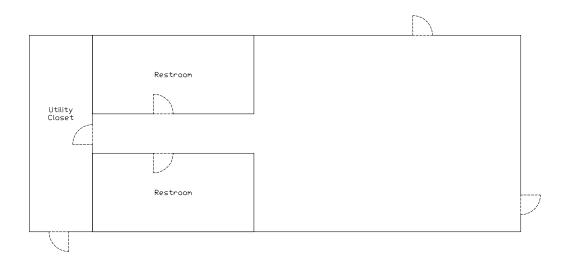
- 1. The base plates for the double tee are rusted and deteriorated throughout the entire length of the platform.
- 2. There is spalled concrete with exposed steel (2'x2'x2").
- 3. The railing base plates are rusted and deteriorated throughout the entire length of the platform.

Legend: Pedestrian Rail Crack Spalled Concrete Canopy Column □ Sign ■ Bench Trash Receptacle Newspaper Dispenser Train Power Line Pole



SHEET

64



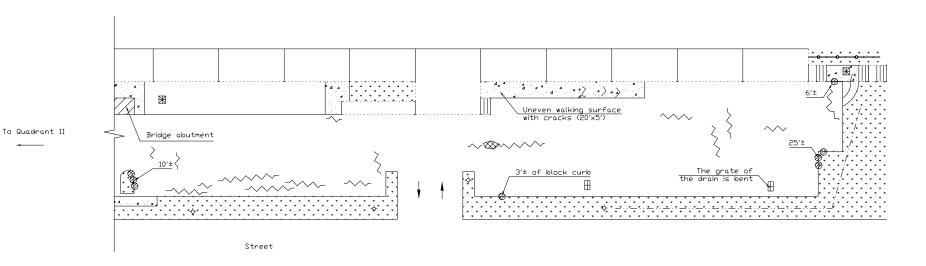
Urbitran Associates, Inc.

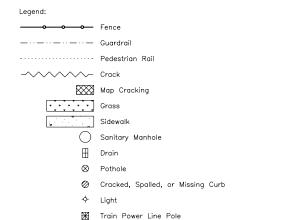
Connecticut Dept. of Transportation 64

Cos Cob Station Station House Plan

Date: 11/30/01







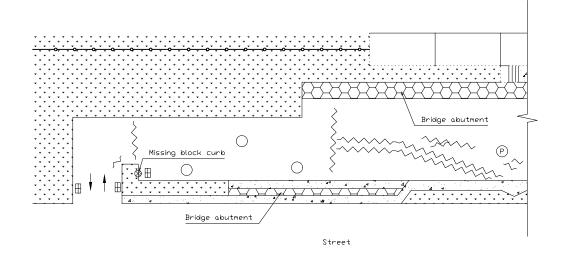
NOTES:

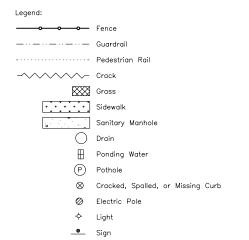
1. The asphalt surface is cracked $(300'\pm)$.

Urbitran Associates, Inc.

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







NOTES:

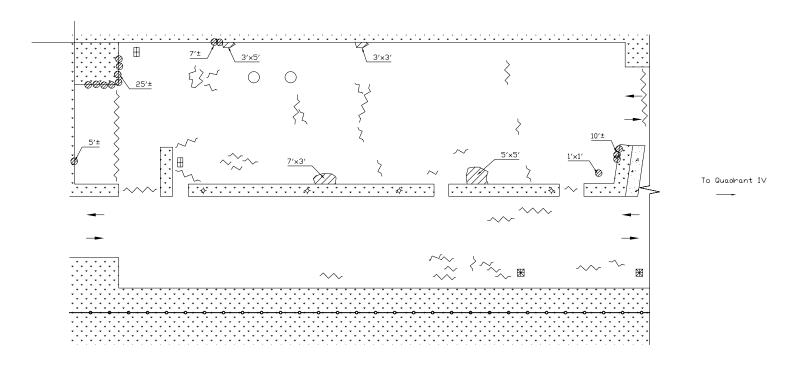
1. The asphalt surface is cracked (300'±).

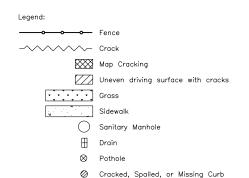
Urbitran Associates, Inc.

To Quadrant I

Connecticut Dept. of Transportation Cos Cob Station Quadrant II (Lot 4) Plan







Train power line pole

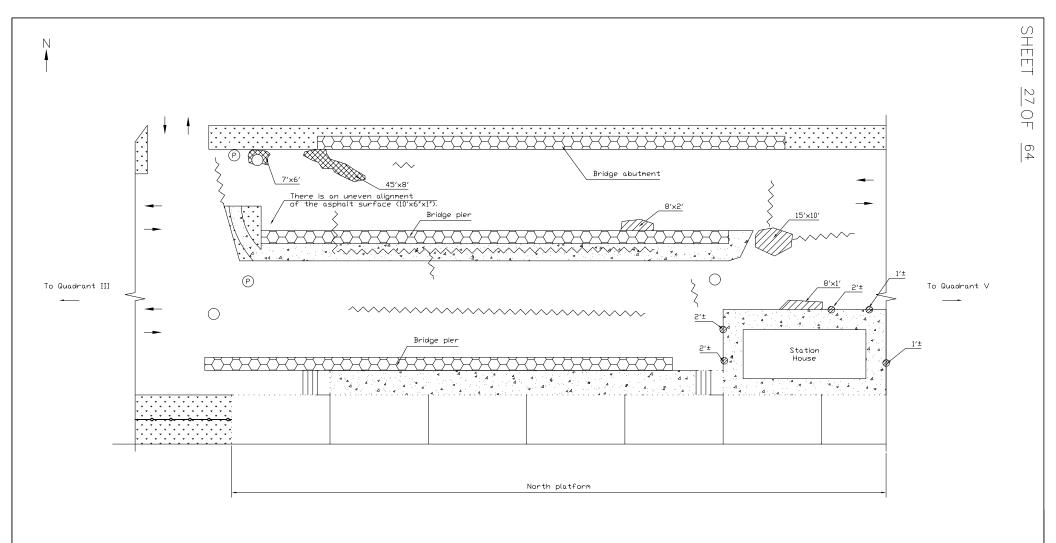
→ Light

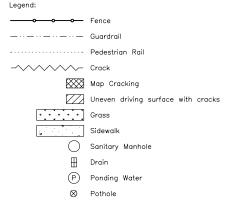
NOTES:

 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





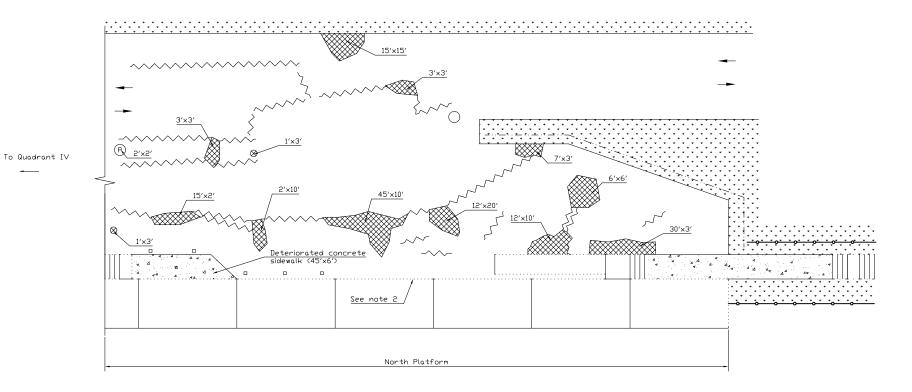
Oracked, Spalled, or Missing Curb

NOTES:

 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





Fence

Map Cracking

Gr

Sidewalk

Sanitary Manhole

■ Drain

P Ponding Water

⊗ Pothole

Oracked, Spalled, or Missing Curb

Rusted metal pole

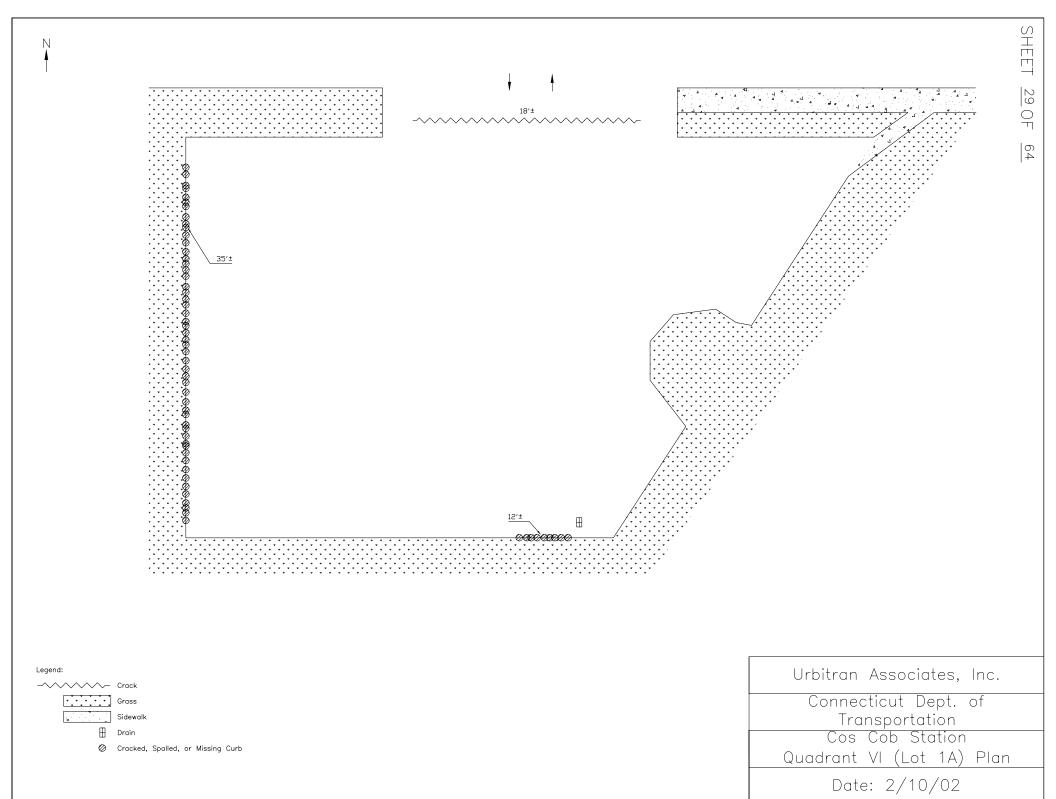
NOTES:

- 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 $(240'\pm)$.

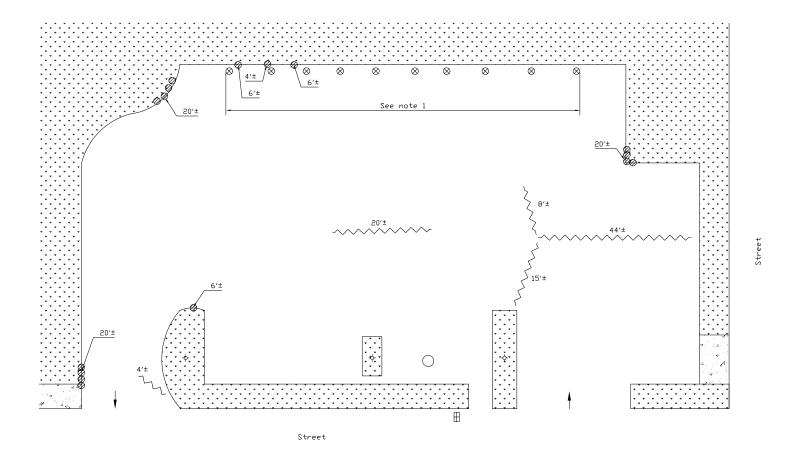
Urbitran Associates, Inc.

Connecticut Dept. of Transportation Cos Cob Station

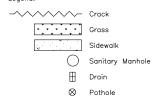
Quadrant V (Lot 3) Plan











igotimes Cracked, Spalled, or Missing Curb

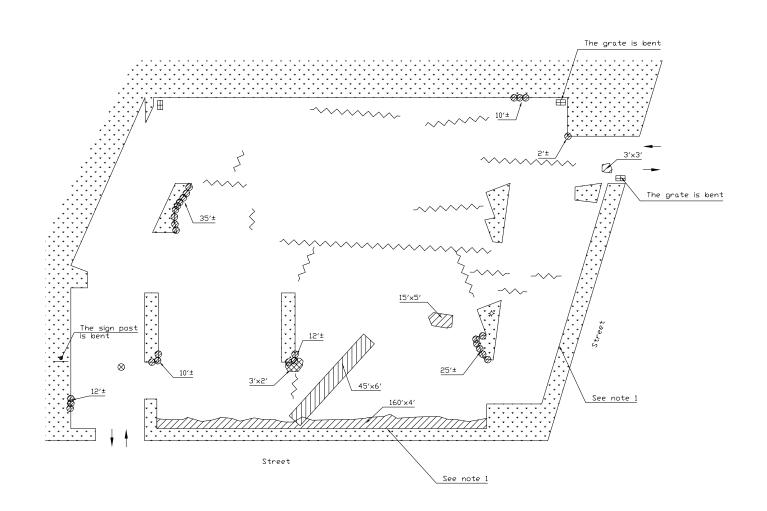
→ Light

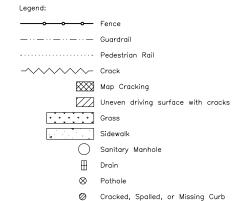
NOTES:

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





Light

Sign

NOTES:

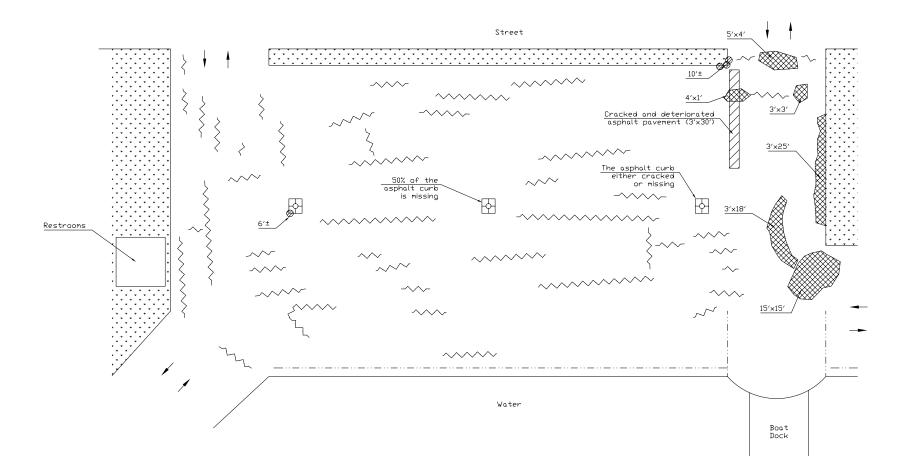
- 1. The curb is cracked, spalled, or missing $(240'\pm)$.
- The asphalt pavement is cracked 500'± in addition to the map cracking, and uneven driving surface with cracks.

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SHEET

64

Connecticut Dept. of Transportation Cos Cob Station Quadrant VIII (Lot 1B) Plan



Legend:

 $-\cdots -\cdots -$ Guardrail

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' \pm .

Urbitran Associates, Inc.

Connecticut Dept. of
Transportation
Cos Cob Station
Quadrant IX (Lot 1)Plan

STATION:	Cos Cob	CONN. DEPT OF TRANSPORTATION
•		STATION INSPECTION REPORT
		SHEET <u>33</u> OF <u>64</u>

INSPECTORS: RGW DATE: 2/10/02

RA	TINGS	РНОТО	REMARKS:	
NEW	PREV	NO.		
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	
		07	All Chang (C platforms)	
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	
		20	spalled with exposed steel in an	
			isolated area	
			ionatod 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		22.26	Ouad I Comb The comb is missing or democrate	
		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	
		- 55	curb was missing	
			outh was initialing	
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	

STATION:	Cos Cob	CONN. DEPT OF TRANSPORTATION
•		STATION INSPECTION REPORT
		SHEET <u>34</u> OF <u>64</u>

INSPECTORS: RGW DATE: 2/10/02

RA	TINGS	РНОТО	REMARKS:
NEW	PREV	NO.	really detection
2		38	Quad IV,V Surface - Ponding of water was noted
2		39	Quad IV,V, IX Surface - There was map cracking
			throughout the asphalt surface
2		40	Quad IV, VIII Surface - There was an uneven driving surface
			with cracks
2		42	Quad V Sidewalk - The concrete sidewalk is cracked
			with vegetation growth
2		33,34,42	Quad V Curb - The concrete curb is either spalled or
			missing
2		43	Quad V NA - There are abandoned posts which are rusted
2		36	Quad VI-VIII Curb - The asphalt curb is either missing
		1	or damaged
2		44	Quad VII Surface - There are ten isolated areas where the
			asphalt is missing
3		45	Quad VII Sign - The sign post is bent

CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT SHEET <u>35</u> OF <u>64</u>

Reference: Looking west STATION: INSPECTORS:

Cos Cob RGW

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

PHOTO NO3 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	0
Reference: Looking east	ON: Cos Cob

STATION: INSPECTORS:

CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT SHEET <u>37</u> OF <u>64</u>

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	
Reference: Looking east	ION: Cos Cob

STATIC INSPEC

CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT <u>38</u> OF <u>64</u> SHEET

PHOTO NO7 Location: East side of Quad I Description: General view of Quad I		
Reference: Looking west		
PHOTO NO8 Location: East side of Quad II Description: General view of Quad II	qo:	
Reference: Looking west	Cos Cob	
	TION:	PECTORS

CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT SHEET <u>39</u> OF <u>64</u>

PHOTO NO 9 Location: West side of Quad II Description: General view of Quad II	NO NO.	
Reference: Looking east		
PHOTO NO10 Location: West side of Quad III		
Description: General view of Quad III		
Reference: Looking east		Cos Cob
		:NOI

STATION: INSPECTORS:

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

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	TION: Cos Cob

CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT SHEET <u>41</u> OF <u>64</u>

PHOTO NO. <u>13</u>			
Location: East side of Quad IV			
Description: General view of Quad IV			
Reference: Looking west			
PHOTO NO14	To the second se		
West side of Quad V			
Description: General view of Quad V			
Reference: Looking east		Cos Cob	RGW
		: ! !	ECTORS:

STATIC INSPE

CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT SHEET <u>42</u> OF <u>64</u>

PHOTO NO. 15		ı	
Location: East side of Quad V			
Description: General view of Quad V			
Reference: Looking west			
PHOTO NO. <u>16</u>			
Location: South side of Quad VI			
Description: General view of Quad VI			
Reference:		Cos Cob	>
Looking north			RGW
	1 to me was a series	TION:	TORS
		은	Ä

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

			F					Ī
	Reference: Looking west	Description: General view of Quad VII	PHOTO NO18	Reference: Looking east	General view of Quad VI	Description:	Location: West side of Quad VI	PHOTO NO. 17
STATION:	Cos Cob							
INSPECTORS:	RGW							[

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

STATION: Cos Cob
ı

CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT SHEET <u>45</u> OF <u>64</u>

PHOTO NO. <u>21</u>	ı	
Location: West side of Quad VIII		
Description: General view of Quad VIII		
Reference: Looking east		
PHOTO NO. 22		
South side of Quad IX		
Description: General view of Quad IX		
	٩	
Reference: Looking north	Cos Cob	RGW
	ION:	ECTORS:

STATI

CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT SHEET <u>46</u> OF <u>64</u>

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



Cos Cob RGW

STATION: INSPECTORS:

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. <u>26</u>	
Location: Span VI of the north platform	
Description: Typical rusted canopy member	
Reference: Looking west	Cos Cob

STATION: INSPECTORS:

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

	_ _
PHOTO NO. <u>27</u>	
Location: Span VI of the south	
platform	
Description: Typical spalled edge of	
the platform	
Reference:	
Looking east	
PHOTO NO. <u>28</u>	
Location:	
West of Span VIII of the south platform	
	THE RESERVE OF THE PARTY OF THE
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

		F				ſ
	Location: Middle of Quad I Description: Typical asphalt crack Reference: Looking south	PHOTO NO. <u>30</u>	Reference:	Description: Typical rusted and deteriorated base plate for the double tee	Location: South of Span XIII of the south platform	PHOTO NO. <u>29</u>
STATION:	Cos Cob					1
INSPECTORS:	RGW					

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

	SHLLI	<u> </u>	
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			888

Reference: Looking north

STATION: Cos Cob INSPECTORS: RGW

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

PHOTO NO33 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		ECTORS: RGW

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CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT SHEET <u>52</u> OF <u>64</u>

PHOTO NO. <u>35</u>		ı	
Location: South side of Quad I			
Description: Missing block curb			
Reference: Looking south			
PHOTO NO. <u>36</u>			
Location: South side of Quad I	NO PROMI		
Description: Missing asphalt curb			
Reference: Looking south		Cos Cob	RGW
		ATION:	PECTORS:

STA

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

PHOTO NO. <u>37</u>	ı	İ
Location: Middle of Quad IV		Ì
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	q	
Reference: Looking north	Cos Cob	SS: RGW
	TION:	PECTORS

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

			=			
PHOTO NO. 39					İ	
Location: North side of Quad IX						
Description: Typical map cracking						
Reference: Looking east						
PHOTO NO. 40	0.33					
Location: South side of Quad VIII	V					
Description: Typical uneven driving surface with cracks						
		or			Cob	>
Reference: Looking east			-		Cos Cob	RGW
					TION:	PECTORS:

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



Cos Cob RGW

STATION: INSPECTORS:

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

								Г
	Reference: Looking north	Description: An isolated area where the asphalt is missing	Location: North side of Quad VII	PHOTO NO. 44	Reference: Looking south	Description: Typical abandoned post which is rusted	Location: South side of Quad V	PHOTO NO 43
STATION:	Cos Cob]
INSPECTORS:	RGW							

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

PHOTO NO. <u>45</u>		
Location: West side of Quad VIII	Control of the contro	
Description: Bent sign post		
Reference: Looking west		
PHOTO NO.		
Location:		
Description:		
Reference:		Cos Cob
		STATION:

INSPECTORS: RGW

CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT SHEET <u>58</u> OF <u>64</u>

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



JRS: Jim Connell & Dave Lang Cos Cob

CONN. DEPT OF TRANSPORTATION STATION INSPECTION REPORT SHEET <u>59</u> OF <u>64</u>

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

JRS: Jim Connell & Dave Lang

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

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

JRS: Jim Connell & Dave Lang

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

PHOTO NO. 52

Location:

COS COB

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	EMERGICUIDE
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 NO55 Location:COS COBSTATION Description:Waiting andCafeteria Roomshown ceiling4 way diffuser Reference:Mechanical	
PHOTO NO.	
Location:	
Description:	
Reference:	SOB
	COS COB
	Ë
	STATION:

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

Cos Cob Station

Description	Units	Quantity	Price / Unit	Total Cost
Replacing asphalt sidewalk	0.1110	Q		
-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,	J			· ,····
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%)	1			\$32,322.40
Grand Total				\$193,934.40
Say				\$194,000.00
~~;	1	1		\$15 1,000.00