

RFP Addendum
DOT-18 (New)

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STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION
DIVISION OF PURCHASING & MATERIALS MANAGEMENT
Room #2418
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Newington, CT 06131-7546

RFP NO. 13DOT7000
RFP Due Date: 15 November 2013
Date Addendum Issued: 30 September 2013

PLEASE NOTE:

This document must be signed where indicated below by a person authorized to sign Proposals and Addenda on behalf of your company, and returned with your Request for Proposal (RFP) submission. Failure to do so may result in rejection of your Proposal.

RFP Addendum #1

DESCRIPTION: Overhaul of P40 and Top Deck Overhaul of GP40 Locomotives

FOR: State of Connecticut, Department of Transportation (ConnDOT)

PROPOSER'S NOTE:

This addendum is being issued to include the following:

1. Attachment #1 - Pre-Proposal/Site Inspection Sign-In Sheet
2. Attachment #2 - Listing of Forms to be Submitted with Proposal
3. Attachment #3 - P40 and GP-40 Locomotives Inspection Report
4. Attachment #4 - Locomotive Inspection Sheets
5. Attachment #5 - Revised RFP Document

The Proposal Schedule has been revised to allow additional time for preparation of questions and submittal of Proposal, as follows:

Receipt of Questions:	Date: October 15, 2013, by noon
Answers to Questions posted as Addendum:	Date: November 8, 2013
RFP Due Date:	Date: November 26, 2013, by 2:00 p.m.

NOTE: In addition to the revised Proposal Schedule noted above, there have been changes made to the RFP Document. Please be sure to read the RFP Document carefully.

All other Terms and Conditions remain the same.

Signature

Date

ATTACHMENT #1

Pre-Proposal/Site Inspection Sign-in Sheet

13DOT7000 – Overhaul of P40 and Top Deck Overhaul of GP40 Locomotives for the
 Connecticut Department of Transportation
 Pre-Proposal Meeting; New Haven Railroad Station, 4th Floor West, New Haven, CT 06519
 September 10, 2013 at 10:30 a.m.

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ATTACHMENT #2

Listing of Forms to be Submitted with Proposal

LISTING OF FORMS TO BE SUBMITTED WITH PROPOSAL

Please be sure to check your Proposal prior to submission to insure that the following forms have been included. Failure to submit a complete RFP Package may result in rejection of your Proposal

- DOT-26 Request for Proposals
 - Vendor Authorizations (Per the instructions noted in Guidance for Vendor Authorizations)
 - Standard Bid Bond
 - DAS-14 Statement of Qualifications
 - Non-Collusion Affidavit
 - DOT-25 Recommended Spare Parts List
 - Agency Vendor Form
 - W-9
 - OPM-Nondiscrimination Certification (as determined in “Explanation of Forms” section of instructions)
-

The following required documentation is detailed in the RFP Document; Section 7, “Submittal Requirements”; page 34 of 36 and page 35 of 36.

- Transmittal Letter
 - Selection Criteria Submittals

 - Exhibit B – Proposal (Price) Schedule
-

FTA Required Documents:

- Buy America Certification
 - Pre-Award and Post Delivery Audit Requirements
 - Lobbying Certification
-

Addenda (Signed by a person authorized to sign Proposals and Addenda on behalf of your company)

ATTACHMENT #3

P40 and GP40 Locomotives Inspection Report

**Connecticut Department of Transportation
P-40 and GP-40 Locomotives Inspection Report**



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Prepared by:
LTK
LTK Engineering Services

Table of Contents

Introduction and Purpose	3
Executive Summary	3
Summary of P-40 and GP-40 fleets condition baseline	3
Specification content based on the inspection	4
Proposed changes to the GP-40 specification	4
Proposed changes to the P-40 specification	4
GP-40 baseline condition	5
GP-40 locomotive-specific notes	11
P-40 locomotives baseline condition	13
P-40 locomotive-specific notes	18

Introduction and Purpose

This report summarizes the findings of the inspection of the P-40 and GP-40 locomotives. The inspections were performed between November 1st, 2011 and November 3rd, 2011 in the SLE shop and in the New Haven yard.

The purpose of the inspections was to establish a baseline condition of both fleets, confirm the specification content of both fleets, to identify fleet issues unaccounted for in the specifications as well as locomotive specific issues.

The following step(s) is to use the observations in this report and work jointly with CDOT on developing a locomotive overhaul strategy and priority that is most beneficial to CDOT in terms of cost, schedule and needs to meet service demands.

Executive Summary

Fourteen locomotives (8 P-40 and 6 GP-40) were inspected. The locomotives general condition appears to be consistent with the age and use of the equipment.

No major fleet wide equipment defects or malfunctioning systems were noticed during the inspections. However several observations were noted by fleet type as well as observations that are locomotive specific.

A summary of the fleet condition baseline and the specification content based on the inspection are noted below. A summary of recommendations for changes to the P-40 and GP-40 specifications based on the findings of the inspections performed are also noted below.

Summary of P-40 and GP-40 fleets' condition baseline:

- All P-40s were inspected. Generally, all P-40s run equally the same.
- P-40 Locomotives from best to worst are: 840 or 838 or 836 (best), 834, 842 or 843, 833, and 841 (worst)
- All GP-40s were inspected. Generally, all GP-40s run equally the same (with the exception of 6696).
- GP-40 Locomotives from best to worst are: 6696 (best), 6694 or 6698 or 6697, 6695, and 6699 (worst)
- Details of the both locomotives' condition are provided in the later section of this document.

Specifications Content based on the inspection:

- For the most part, the P-40 and GP-40 Specifications adequately address the main overhaul issues for the respective fleets.
- Some additional issues were identified (e.g., rust on P-40's rain gutters).
- The Specification was tweaked accordingly for clarification/emphasis to make sure that these issues are addressed.
- All changes made to the specifications are highlighted for CDOT's review.

Proposed changes to the GP-40 specification:

- Change the language in the specification to: Disable/eliminate the Kim hot/start; the Specification requires the installation of AEES. (Included in the specification)
- Change the requirement in the specification to remove the prime mover from the locomotive for the prime mover overhaul; the prime movers can be overhauled in place. (Included in the specification)
- Add a requirement in the specification to replace the HEP units. Information obtained through discussions with Amtrak indicates that the HEP units are known to be weak performers and a common cause of out of service time. (Not included in the specification at this time – item for further discussion with CDOT).

Proposed changes to the P-40 specification:

- Change the requirement in the specification to overhaul instead of to replace the engineer's seat. (Not included in the specification – item for further discussion with CDOT)

GP-40 Locomotives Baseline Condition

Locomotive body and structure

General:

All GP-40 locomotives run equally the same (except 6696).

Generally, the locomotive bodies have corrosion in areas where the sill plates meet the end sheets on F and R ends.

The window frames have similar degrees of corrosion.

The cab doors all have similar degrees of corrosion and will require replacement.

The battery boxes are all corroded.

The body panels all have similar degrees of corrosion.

Structure:

The locomotive structures of each locomotive are generally in good shape.

No visible cracks were found.

Short Hood:

The short hood needs to be thoroughly cleaned and painted.

There is corrosion at the seams where end sheets meet floor.

Long Hood:

The long hood needs to be thoroughly cleaned and painted.

Corrosion was found on all locomotives where end sheet and side sheets meet the deck in the HEP area of the hood.

Corrosion was also found on all locomotives at the bottom of the doors by the HEP area.

The long hood access door hinges and latches will require replacement where damaged or missing (estimated 15%).

Cabs:

Cab doors showed significant corrosion and need to be repaired (see figure 1).

Figure 1



The cabs on each locomotive were in need of cosmetic refurbishment.

The control stands need reconditioning.

The floor panels need to be replaced.

The window masks need to be replaced.

The sliding sash windows frames should be resealed.

The ceiling liner needs to be reconditioned.

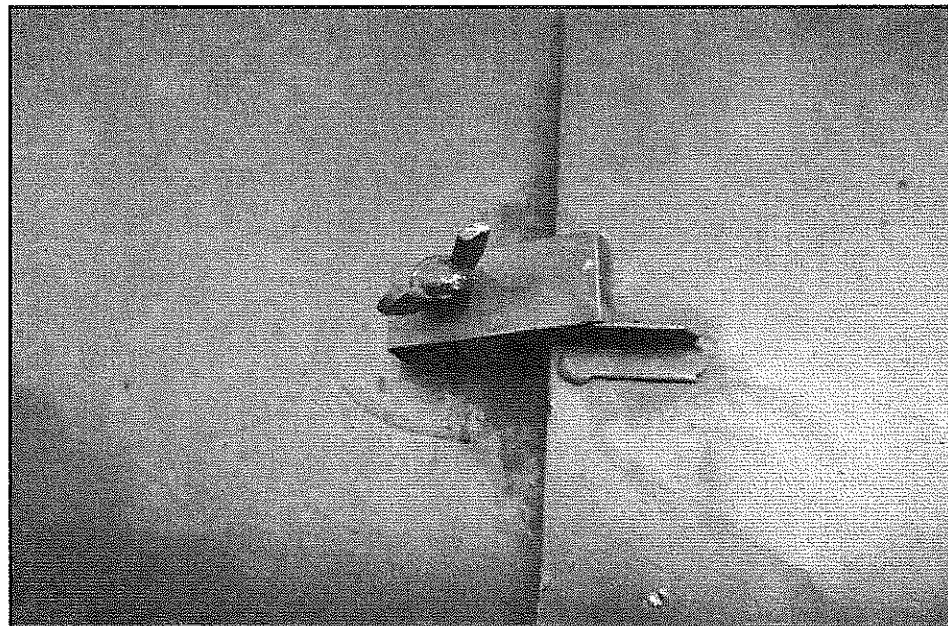
The Circuit Breaker, relay and contactor panel doors need to be reconditioned (new sound deadening material needs to be applied).

Equipment Rooms:

All Equipment Rooms need to be thoroughly cleaned and painted.

Some of the door latches at the air intake room/high voltage compressor were of a different type and needs to be changed (see figure 2).

Figure 2



Roof and Hatches:

Hatches are all generally ok.

Some hatches have burn marks that need to be addressed.

The HVAC units' covers are corroded and many have burn marks.

Some locomotives have arc damage to horns as well.

Fan grills and stacks looked ok.

In general, the roof was in good shape.

Prime Mover:

The prime movers for all units except 6696 were generally in the same condition.

6696 prime mover is relatively new, clean and is in good working order.

6698 prime mover appears to have a weld repair to the block in the vicinity of an inspection cover that was weeping oil.

All prime mover units exhibited oil leaks at typical locations for the age and duty cycles of the units.

Fuel lines and pumps looked ok.

Water lines and pumps looked ok.

Cam shafts looked ok.

Auxiliary drive looked ok.

Exhaust manifold looked ok.

Governors looked good.

Main crank was examined on 6695 and appeared ok.

Electrical Apparatus:

Although the equipment as noted below looked "ok", it should be noted that the overhaul scope should re-qualify the system to a "like new" condition to ensure useful life is extended.

Main Propulsion Contactor cabinets need to be cleaned. Debris (residue) from possible contactor insulator failures is found in and around other contactors.

The Low Voltage relays cabinet looked ok.

The Circuit Breaker cabinet looked ok.

AR10s were inspected.

Slip rings on most units were inspected and looked ok.

The filtration system needs thorough cleaning and reconditioning.

High voltage cabling looked ok. The full extent of the cabling was not inspected, but what was readily visible seemed ok.

Low voltage wiring will need a thorough inspection with possible redressing of wire bundles.

Head End Power:

HEP engine/generators for most units appeared in need of reconditioning.

A modification was made to one unit (6694) to redirect air intake to side panel in an attempt to introduce cleaner intake air. The HEP application should be examined for redesign to address reliability issues.

Train Control and Vigilance Equipment:

The ATC, ACSES, event recorder and alerter systems all appeared functional and in reasonable condition.

Air Supply System:

Air compressors, dyers, air reservoirs, piping and air valves were inspected.

No visible signs of significant defects were identified.

Components were representative of their in-service age.

Components should still be overhauled as required in the specifications.

Coupler and Draft Gear:

The couplers and draft gears were inspected and no visible defects were noted.

The coupler and draft gear appeared to be in reasonable condition.

Trucks and Truck-mounted Equipment:

The trucks and truck-mounted equipment were inspected and no visible defects were noted.

The trucks and truck mounted equipment appear to be in reasonable condition for the age of the equipment and the service life.

Under-frame:

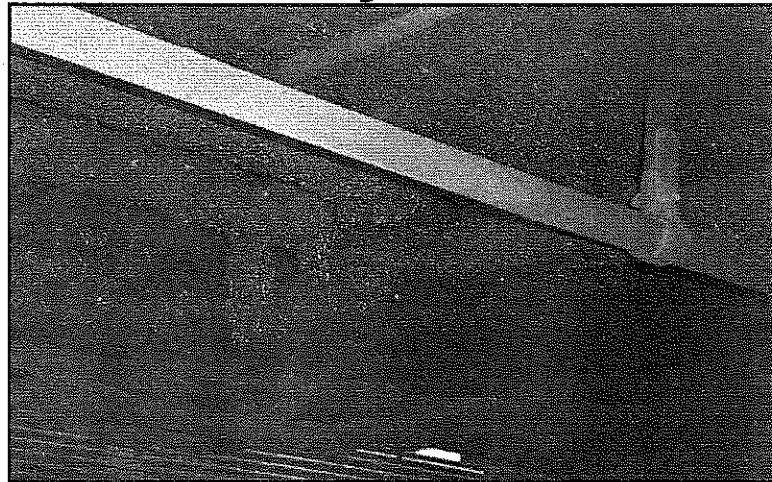
The under-frame of the GP-40 locomotives was inspected. The following was found to be common conditions among the fleet:

Excessive oil leaks were noticed on some of the gear cases.

ACSES antenna and brackets were inspected and appeared in good condition.

Noticeable amount of oil leaks were found under the main engine area (see figure 3). Addressing the oil leaks in the prime mover will eliminate this issue.

Figure 3



Wheels:

The wheels are generally in good condition.

The wheels show some typical wear but are within condemning limits.

Wheel flange and rim were measured and found to be evenly worn.

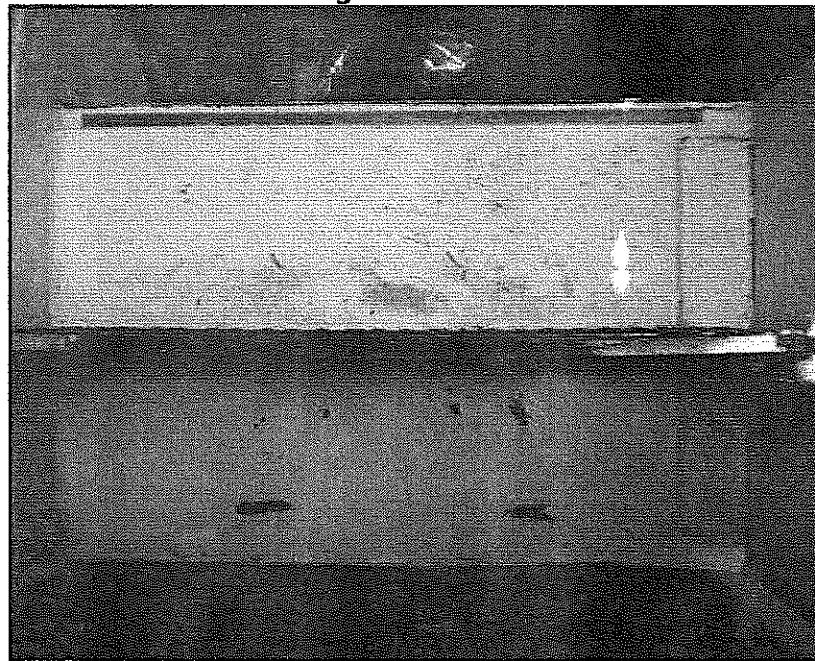
GP-40 Locomotive-Specific Notes

The following information could be used in determining the priority and sequence of the GP-40 locomotives overhaul, the following is noted:

General state of the GP-40 locomotives: Locomotives from best to worst are: 6696 (best), 6694 or 6698 or 6697, 6695, and 6699 (worst)

- 6696:
 - Best condition.
 - Prime mover has been replaced with rebuilt unit.
 - AR10 is relatively new (built 2007).
 - Has a newer HEP.
 - Side step on the F-end, left hand side is bent (see figure 4).

Figure 4



- 6694:
 - Second best.
 - No water/No oil as of 03Nov11 due to coolant in the oil.
 - Has a homemade/modified air intake for the HEP.
- 6698:
 - "Sand filler" decal on the B-end is broken.
 - Significant corrosion on the 27-pt communication receptacle on the F-End.

- 6697:
 - Had been out of service 01-02Nov11 for fuel in the oil. Fuel line repaired, loco in service 03Nov.
- 6695:
 - 2nd worst unit.
 - Blown Turbo.
- 6699:
 - Worst unit.
 - Most out of service time.
 - Chronically out of service.

GP-40 Locomotive Overhaul Prioritization and Rationalization

Further discussion with CDOT of the observations in this report and other factors is needed. Items to consider:

- Overhaul budget and scope
- Useful life desired after the overhaul
- ATC upgrade to 9 Aspect vs. retaining 4 Aspect
- Consideration should be given to performing an HEP overhaul
- Service demands

If service demands allow it, some consideration should be given to not performing the overhaul on the worst performing units (6696 and 6695) and performing a more comprehensive overhaul on the remaining four units (including replacing the HEP units).

P-40 Locomotives Baseline Condition

Locomotive body and structure

General:

All locomotives show significant corrosion where the end sheets meet the side sills and end sill at the back of the compressor room (see figures 5 & 6).

Figure 5

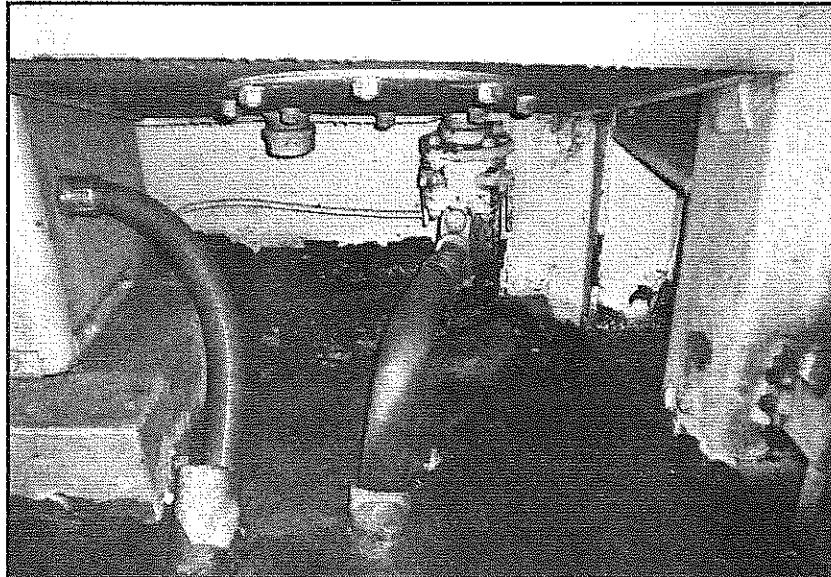
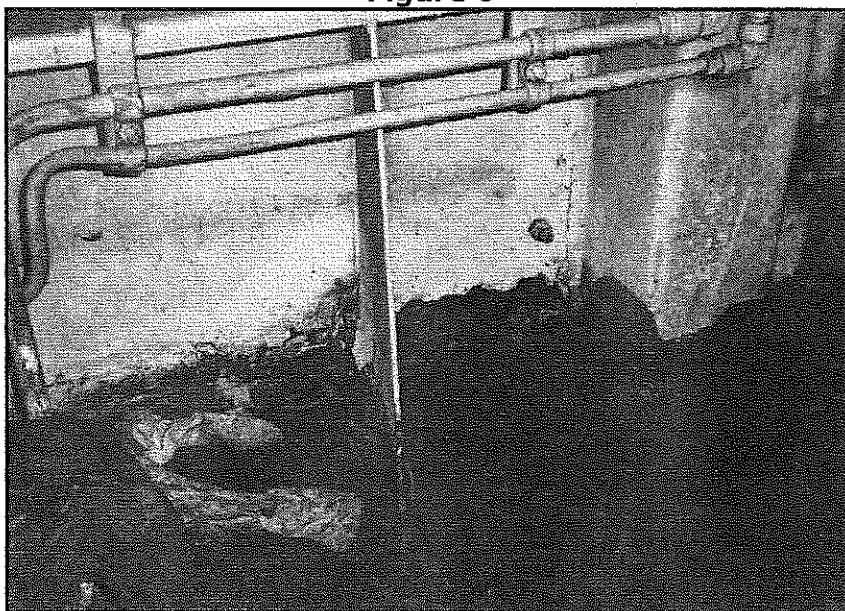


Figure 6



All locomotives are either rusted through or have had sloppy weld repairs done in this area to cover the holes (see figures 7 & 8).

Figure 7

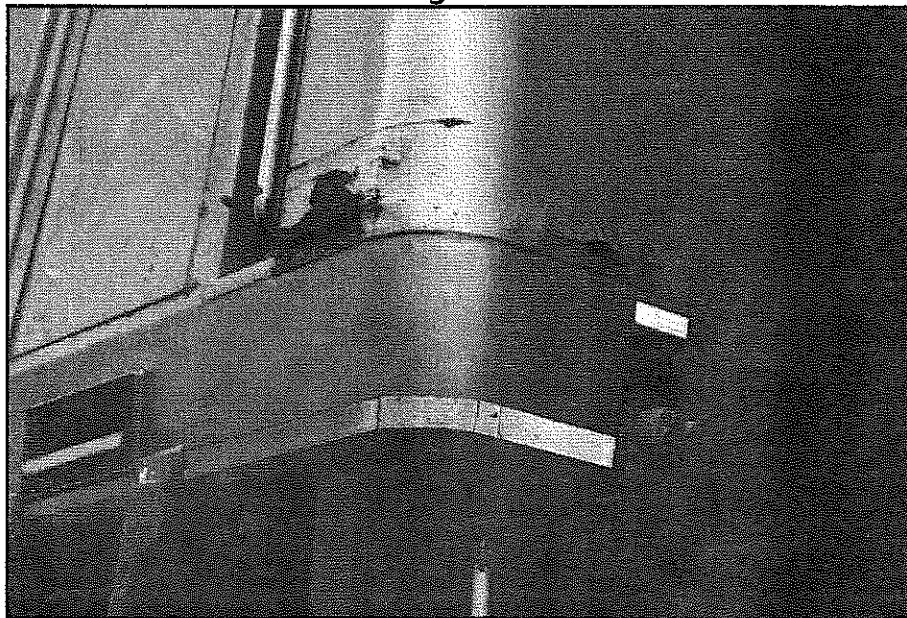
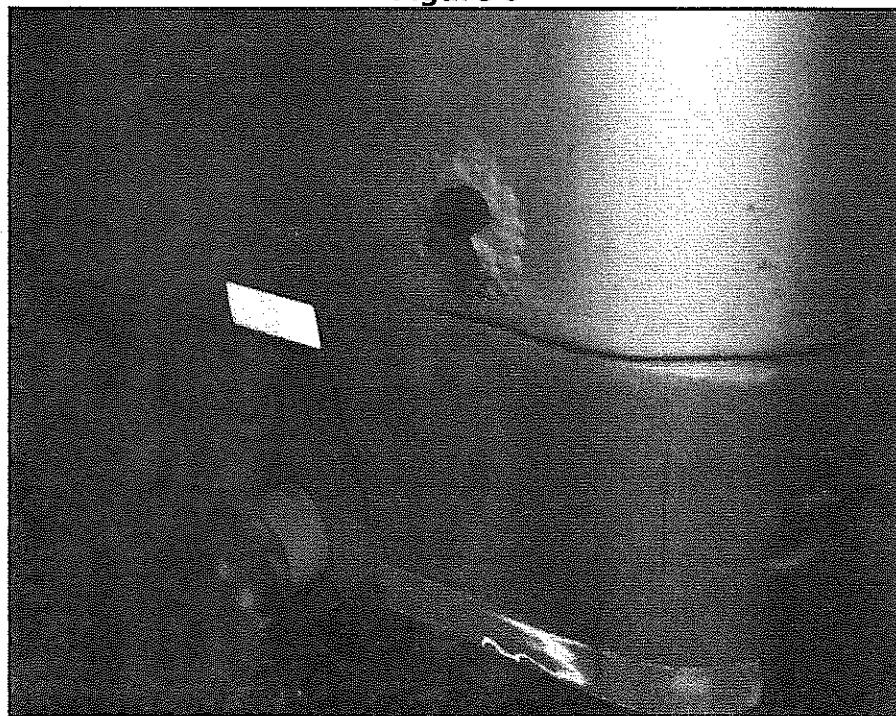


Figure 8



All locomotives show significant amounts of dents and scrapes along the side of the car-bodies. These are relatively minor and can be bumped out and filled with body filler when the locomotives are painted.

The rain gutters on the cab end showed signs of corrosion (see figures 9 & 10).

Figure 9

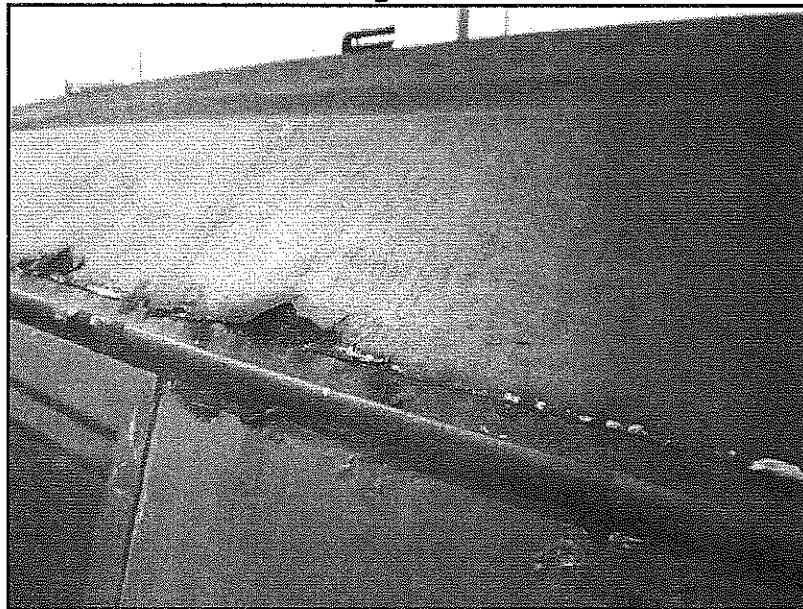
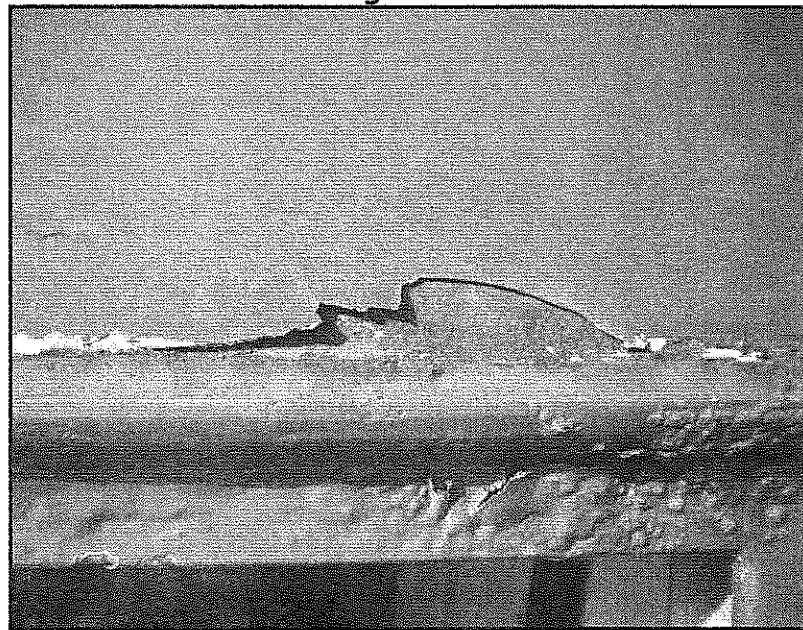


Figure 10



Many of the P-40 locomotives show evidence of poorly repaired noses after various collisions. In some cases body filler in excess of an inch thick is crumbling off the front of the locomotive. This will not need to be repaired since the noses will be modified with new fiberglass end masks.

Structure:

The locomotive structures of each locomotive are generally in good shape.

No visible cracks were found.

Cabs:

Cabs were all functional, but showed wear on consoles and interior linings and doors, in the form of dirt and the accumulation of minor scrapes, cracks, and tears.

Some of the Integrated Displays were not working; maintenance personnel have indicated that these have experienced regular failures.

Approximately two thirds of the cab seats have worn or torn upholstery and arms.

Approximately 25% of the locomotives side mirrors were fogged over with dirt or corrosion such that they were not completely useable.

Almost all of the P-40 locomotive's windshield-washing systems were not functional. Windshield wiper control valves were frequently difficult to adjust.

Many of the locomotive doors, both at the cab and engine/compressor areas have dried or torn weather-stripping or glazing.

Nearly all windshields show evidence of leak repairs by applying large amounts of silicone sealant to the insides.

Windshield sun shades were frequently torn or off their tracks.

Prime Mover:

All of the prime movers are in generally the same condition.

All prime movers have significant oil leaks from at least a third of the power assemblies.

Significant amounts of leaked oil were found on the main generator of every locomotive.

One locomotive was observed to have a particular noisy power assembly, most likely a valve-train issue.

Locomotives 833 and 834 are known to consume inordinate amounts of oil.

These issues should all be resolved when the prime movers are UT-EX-ed as a part of the overhaul.

It was noted that turbocharger intake filters are very dirty and should be changed on a more regular basis.

Train Control and Vigilance Equipment:

The ATC, ACSES, event recorder and alerter systems all appeared functional and in reasonable condition.

Air Supply System:

The compressors were generally in a good state of repair.

One of the units had a compressor which was leaking oil.

All units are prone to premature compressor contactor failure and should be upgraded in accordance with a published Amtrak modification procedure for this issue.

Under-frame:

Less noticeable amount of oil leaks under the main engine area compared to the GP-40s.

ACSES antenna and brackets were inspected and appeared in good condition.

P-40 Locomotive-Specific Notes

- Locomotives from best to worst are: 840 or 838 or 836 (best), 834, 842 or 843, 833, and 841 (worst)
- 836, 838, and 840:
 - Generally in good condition.
- 834:
 - Burns and leaks a lot of oil, very smoky exhaust fumes.
 - Known to be a strong performer, however.
- 842:
 - High mileage
- 843:
 - High mileage
- 833:
 - Burns and leaks a lot of oil, very smoky exhaust fumes.
- 841:
 - Generally regarded as the worst of the fleet.
 - Most out of service time.

P-40 Locomotive Overhaul Prioritization and Rationalization

Further discussion with CDOT of the observations in this report and other factors is needed. Items to consider:

- Overhaul budget and scope
- Useful life desired after the overhaul
- Service demands

ATTACHMENT #4

Locomotive Inspection Sheets

P40 Road Number 833

Inspection Date: 12-10-2008

P-40

Contract: CDOT
 Road Number: 833
(See back for breakdown)

CS#446-24
CDOT-26

FROM STV PHILADELPHIA

(FRI) 5.17'02 10:27, ST. 10:26, NO. 4862240490 P 2

Inspection Date: 12-10-02

Frame Serial Number:

Item	Description	Condition
1.	Inspect front brake pipe hose.	OK
2.	Inspect all other front M.U. air hoses.	OK
3.	Inspect L.F. electrical M.U. receptacles.	OK
4.	Inspect plow.	OK Bent at bottom
5.	Inspect front coupler & pocket.	OK
6.	Inspect front cut levers.	OK
7.	Inspect front electrical M.U. jumper hanger.	OK
8.	Inspect anti-climber.	OK
9.	Inspect front of the short nose.	OK
10.	Inspect front headlights.	OK
11.	Inspect ditch lights.	OK
12.	Inspect R.F. electrical M.U. receptacles.	OK
13.	Inspect R.F. pilot plate.	OK
14.	Inspect R.F. steps.	OK
15.	Inspect R.F. step light.	OK
16.	Inspect R.F. track receivers & brackets.	OK
17.	Inspect all R.F. air M.U. piping & valves.	OK
18.	Inspect R.F. sand nozzle.	OK
19.	Inspect R.F. sand hose.	OK
20.	Inspect R.F. sand trap, compartment, & door.	OK
21.	Inspect R.F. grab irons.	OK
22.	Inspect R.S. dag holder.	OK
23.	Inspect R.S. stationary window.	OK
24.	Inspect R.S. wind deflector/mirror.	OK
25.	Inspect R.S. side window, frame, & weep hole cover.	OK
26.	Inspect R.S. armrest.	OK Tangy
27.	Inspect R.S. cab & short nose wall.	OK
28.	Inspect R.S. cab door.	OK
29.	Inspect R.S. cab vertical handrails.	OK
30.	Inspect R.S. ABC door & hinges.	OK
31.	Inspect R.S. ABC air equipment.	OK
32.	Inspect R.S. cab steps.	OK
33.	Inspect R.S. cab step light.	OK
34.	Inspect R.S. # 1 truck side bearing & truck hold down.	OK
35.	Inspect # 1 traction motor.	OK

Position	Driver	MFG QA/230	Inspector	MBTA Inbound Inspection
Family	Dept	QA	Position	MBTA Outbound Inspection
Family	Dept	QA	Position	MBTA Outbound Inspection
		D. Gabiola	L. Bouton	MBTA Outbound Inspection
				473102

Road Number: 833

36.	Inspect # 2 fraction motor.	
37.	Inspect # 1 truck plenum boots & rods.	ok
38.	# 1 truck frame serial number. XQ72	-
39.	Inspect R.S. # 1 truck brake cylinder.	ot
40.	Inspect R.S. # 1 truck air piping.	ot
41.	Inspect R.S. # 1 truck brake cut out valve.	ot
42.	Inspect R.S. # 1 truck brake levers.	ot
43.	Inspect R.S. # 1 truck brake shoes.	ot
44.	Inspect R.S. # 1 truck slack adjusters. Type: pins/screw.	-
45.	Inspect R.S. # 1 truck journal boxes. Type hydraulic/timken.	ot
46.	Inspect R.S. # 1 truck journal springs & pads.	ot
47.	Inspect R.S. # 1 truck pedestal liners.	ot
48.	Inspect R.S. # 1 truck pedestal tie bars.	ot
49.	Inspect R.S. # 1 truck shock absorbers.	ot
50.	Inspect R.S. # 1 truck spring plank.	-
51.	Inspect R.S. # 1 truck spring safety straps.	-
52.	Inspect R.S. # 1 truck swing hanger.	-
53.	Inspect R.S. high voltage cables & cleats.	ot
54.	Inspect R.S. A/EI tag.	-
55.	Inspect R.S. car body side sill.	ot
56.	Inspect R.S. car body panels.	ot same rust
57.	Inspect R.S. barn doors.	-
58.	Inspect R.S. prime mover inertial filter screen.	-
59.	Inspect R.S. D. B. grids & cover.	-
60.	Inspect R.S. shutter screens.	ot
61.	Inspect R.S. HEP hatch screens.	-
62.	Inspect air dryer.	ot
63.	Inspect air reservoir filters. Type: 818/824/975	ot
64.	Inspect air reservoirs & piping.	ot
65.	Inspect R.S. of fuel tank.	ot
66.	Inspect R.S. fuel fill. Type:	ot
67.	Inspect R.S. fuel tank dial gauge. Capacity: 2,200	-
68.	Inspect R.S. fuel tank sight glass.	ot
69.	Inspect R.S. fuel piping.	ot
70.	Inspect # 3 fraction motor.	-

Position	MPN/QTY	Discription	MTBA Insured Inspection	Tested	Initial	A	B	C	D	Division	Approved
Quality Control	QA	Proposed	475500	475500	475500	475500	475500	475500	475500	1. Boston	475500

Road Number: 833

Task	Description	Condition	Action
71.	Inspect # 4 traction motor.	—	—
72.	Inspect # 2 truck plenum boots & rods.	—	—
73.	# 2 truck frame serial number. <u>XO 877</u>	—	—
74.	Inspect R.S. # 2 truck brake cylinder.	O/C	—
75.	Inspect R.S. # 2 truck air piping.	O/C	—
76.	Inspect R.S. # 2 truck brake cut out valve.	O/C	—
77.	Inspect R.S. # 2 truck brake lever.	O/C	—
78.	Inspect R.S. # 2 truck brake shoes.	O/C	—
79.	Inspect R.S. # 2 truck slack adjusters. Type: pin/screw.	—	—
80.	Inspect R.S. # 2 truck journal boxes Type: bayonet/hunken.	O/C	—
81.	Inspect R.S. # 2 truck journal springs & pads.	O/C	—
82.	Inspect R.S. # 2 truck pedestal liners.	O/C	—
83.	Inspect R.S. # 2 truck pedestal tie bars.	O/C	—
84.	Inspect R.S. # 2 truck shock absorbers.	O/C	—
85.	Inspect R.S. # 2 truck spring plank.	—	—
86.	Inspect R.S. # 2 truck spring safety straps.	—	—
87.	Inspect R.S. # 2 truck swing hanger.	—	—
88.	Inspect R.S. # 2 truck side bearing & truck hold down.	O/C	—
89.	Inspect R.R. # 8 vent valve.	O/C	—
90.	Inspect R.R. steps.	O/C	—
91.	Inspect R.R. step light.	O/C	—
92.	Inspect all R.R. air M.U. piping & valves.	O/C	—
93.	Inspect R.R. sand nozzle.	O/C	—
94.	Inspect R.R. sand hose.	O/C	—
95.	Inspect R.R. sand trap compartment, & door.	O/C	—
96.	Inspect R.R. vertical handrails.	O/C	—
97.	Inspect R.R. flag holder.	—	—
98.	Inspect R.R. pilot plate.	O/C	—
99.	Inspect rear brake pipe hose.	O/C	—
100.	Inspect all other rear M.U. air hoses.	O/C	—
101.	Inspect R.R. electrical M.U. receptacles.	O/C	—
102.	Inspect rear coupler & pocket.	O/C	coupled to trailer
103.	Inspect rear cut levers.	O/C	—
104.	Inspect rear electrical M.U. jumper hanger.	O/C	—
105.	Inspect bottom of rear walkway.	O/C	—

Prepared by:	MFRQA/730	Reviewed by:	MBTA Inbound Inspection
Approved by:	Q.A.	Prepared by:	D. Gibola

Road Number: 6133

106.	Inspect buffer plates.	OK
107.	Inspect rear handrails, stanchions, & safety chain.	OK
108.	Inspect L.R. pilot plate.	OK
109.	Inspect L.R. electrical M.U. receptacles.	OK
110.	Inspect L.R. steps.	OK
111.	Inspect L.R. step light.	OK
112.	Inspect all L.R. air M.U. piping & valves.	OK
113.	Inspect L.R. sand nozzle.	OK
114.	Inspect L.R. sand trap, compartment, & door.	OK
115.	Inspect L.R. vertical handrails.	OK
116.	Inspect L.R. flag holder.	OK
117.	Inspect L.S. # 2 truck brake cylinder.	—
118.	Inspect L.S. # 2 truck slack adjusters.	OK
119.	Inspect L.S. # 2 truck air piping.	OK
120.	Inspect L.S. # 2 truck brake levers.	OK
121.	Inspect L.S. # 2 truck brake shoes.	OK
122.	Inspect L.S. # 2 truck slack adjusters. Type: pin/screw.	—
123.	Inspect L.S. # 2 truck journal boxes. Type: hyatt/linken.	OK
124.	Inspect L.S. # 2 truck journal springs & pads.	OK
125.	Inspect L.S. # 2 truck pedestal liners.	OK
126.	Inspect L.S. # 2 truck shock absorbers.	OK
127.	Inspect L.S. # 2 truck side bearing & truck hold down.	OK
128.	Inspect L.S. # 2 truck spring plank.	—
129.	Inspect L.S. # 2 truck spring safety straps.	OK
130.	Inspect L.S. # 2 truck swing hanger.	OK
131.	Inspect # 2 truck axle generator.	OK
132.	Inspect L.S. # 2 truck side bearing & truck hold down.	OK
133.	Inspect L.S. high voltage cables & cleats.	OK
134.	Inspect L.S. A/E tag.	—
135.	Inspect L.S. car body side sill.	OK
136.	Inspect L.S. car body panels.	OK
137.	Inspect L.S. barn doors.	—
138.	Inspect L.S. HEP hatch screens.	—
139.	Inspect L.S. shifter screens.	OK
140.	Inspect L.S. D.H. grids & cover.	OK

Road Number: 833

141.	Inspect L.S. prime mover inertial filter screen.	O/C
142.	Inspect L.S. fuel piping.	O/C
143.	Inspect L.S. of fuel tank.	O/C
144.	Inspect L.S. fuel fill. Type: _____	O/C
145.	Inspect L.S. fuel tank dial gauge. Capacity: _____	O/C
146.	Inspect L.S. fuel tank sight glass.	O/C
147.	Inspect battery box, batteries, & doors.	O/C
148.	Inspect L.S. engine room door steps.	O/C
149.	Inspect L.S. engine room door step light.	O/C
150.	Inspect L.S. engine room door vertical handrails.	O/C
151.	Inspect L.S. engine room door.	O/C
152.	Inspect L.S. # 1 truck brake cylinder.	O/C
153.	Inspect L.S. # 1 truck air piping.	O/C
154.	Inspect L.S. # 1 truck brake levers.	O/C
155.	Inspect L.S. # 1 truck brake shoes.	O/C
156.	Inspect L.S. # 1 truck slack adjusters. Type: pin/screw.	O/C
157.	Inspect L.S. # 1 truck journal boxes. Type: hyatt/Hilken.	O/C
158.	Inspect L.S. # 1 truck journal springs & pads.	O/C
159.	Inspect L.S. # 1 truck pedestal liners.	O/C
160.	Inspect L.S. # 1 truck pedestal tie bars.	O/C
161.	Inspect L.S. # 1 truck shock absorbers.	O/C
162.	Inspect L.S. # 1 truck spring plank.	O/C
163.	Inspect L.S. # 1 truck spring safety straps.	O/C
164.	Inspect L.S. # 1 truck swing hanger.	O/C
165.	Inspect # 1 truck axle generator.	O/C
166.	Inspect L.S. # 1 truck side bearing & truck hold down.	O/C
167.	Inspect L.S. cab steps.	O/C
168.	Inspect L.S. cab step light.	O/C
169.	Inspect L.S. cab vertical handrails.	O/C
170.	Inspect L.S. cab door.	O/C - Tom of basket
171.	Inspect L.S. sash window, frame, & weep hole cover.	O/C
172.	Inspect L.S. armrest.	O/C
173.	Inspect L.S. flag holder.	O/C
174.	Inspect L.S. stationary window.	O/C
175.	Inspect L.S. wind deflector/mirror.	O/C

Road Number: 833

176.	Inspect L.S. cab & short nose wall.	—	
177.	Inspect L.S. ABC door & hinges.	O/C	
178.	Inspect L.S. ABC air equipment.	O/C	
179.	Inspect R.F. #8 vent valve.	O/C	
180.	Inspect L.F. steps.	O/C	
181.	Inspect L.F. step light.	O/C	
182.	Inspect all L.F. air M.U. piping & valves.	O/C	
183.	Inspect L.F. sand nozzle.	O/C	
184.	Inspect L.F. sand hose.	O/C	
185.	Inspect L.F. sand trap, compartment, & door.	O/C	
186.	Inspect L.R. Grab irons.	O/C	
187.	Inspect L.P. track receivers & brackets.	O/C	
188.	Inspect L.F. pilot plate.	O/C	
189.	Inspect short nose for rust damage.	—	
190.	Inspect front sand box.	O/C	
191.	Inspect front sander MV.	O/C	
192.	Inspect ditch light pulser box.	O/C	
193.	Inspect radio/pa power supply.	O/C	
194.	Inspect event recorder. Type:	O/C	
195.	Inspect event recorder ID plug.	O/C	
196.	Inspect cab signal box.	—	
197.	Inspect short nose door, latch, & keeper.	O/C	
198.	Inspect short nose steps & access covers.	O/C	
199.	Inspect cab fire extinguisher. Type:	O/C	
200.	Inspect workbook holder.	O/C	
201.	Inspect control stand electrical components.	Desk	
202.	Inspect control stand air components.	O/C	
203.	Inspect radio.	O/C	
204.	Inspect PA control head.	O/C	
205.	Inspect brake handles.	O/C	
206.	Inspect controller. Note the part & serial numbers.	S/N: O/C	P/N:
207.	Inspect speed indicator. Type:	O/C	
208.	Inspect R.S. main cab header.	O/C	
209.	Inspect R.S. sidewall header.	O/C	
210.	Inspect R.S. seat rail.		

Road Number: 833

211.	Inspect R.S. seat & tripod.	—
212.	Inspect R.S. cab wall.	C/C
213.	Inspect R.S. side window.	C/C
214.	Inspect R.S. stationary window.	<i>Both windows have Rust around frame (Bad)</i>
215.	Inspect R.S. cab light.	OK
216.	Inspect R.S. cab door.	<i>Door gasket OK</i>
217.	Inspect front cab wall.	C/C
218.	Inspect steering. Type:	C/C
219.	Inspect windshield wiper motors.	C/C
220.	Inspect windshield wiper motor covers.	C/C
221.	Inspect sun visors. Quantity:	<i>One shade</i>
222.	Inspect R.S. windshield & frame.	<i>Rusted</i>
223.	Inspect L.S. windshield & frame.	<i>Rusted</i>
224.	Inspect trashcan & liner.	—
225.	Inspect layover heater.	—
226.	Inspect L.S. main cab heater.	C/C
227.	Inspect emergency brake valve.	C/C
228.	Inspect L.S. sidewall heater.	C/C
229.	Inspect L.S. seat rail.	—
230.	Inspect L.S. seat & tripod.	—
231.	Inspect L.S. cab wall.	C/C
232.	Inspect L.S. side window.	C/C
233.	Inspect L.S. stationary window.	—
234.	Inspect L.S. cab light.	C/C
235.	Inspect L.S. cab door.	C/C
236.	Inspect refrigerator above.	C/C
237.	Inspect fuses/sterpido holder.	C/C
238.	Inspect cardholders. Quantity:	C/C
239.	Blue card in unit. Yes or No.	C/C
240.	Inspect first aid kit.	—
241.	Inspect cab ceiling.	C/C
242.	Inspect cab floor.	C/C
243.	Inspect trap doors.	C/C
244.	Inspect HVAC exterior.	C/C
245.	Inspect HEP remote panel.	—

Beginning Date:	May 04/2002	Completed Date:	May 10/2002	MFTA Inspected Inspection	Business A	Comments:	
Prepared By:	QA	Prepared By:	D. Gabola	Approved By:	L. Boston	Approved Date:	4/15/02

Road Number: 833

246.	Inspect engine control panel.	C/C
247.	Inspect HV/C components.	C/C
248.	Inspect Dash 2 modules.	—
249.	Inspect cab to engine room door.	C/C
250.	Inspect cab to engine room steps.	C/C
251.	Inspect fresh air room door.	C/C
252.	Inspect HV/C rear doors.	C/C
153.	Inspect fresh air room floor.	C/C
254.	Inspect engine intake filters & cage. Type: baggie/paper	C/C 5/11/5/V
255.	Inspect R.S. inertial filter.	—
156.	Inspect inertial blower motor.	C/C
257.	Inspect L.S. inertial filter.	—
258.	Inspect inertial fiber drains.	—
259.	Inspect aux generator/tin blower.	—
260.	Inspect HV/C filter box.	—
261.	Inspect main generator. Note model & serial numbers.	Model: _____ S/N: _____
262.	Inspect fresh air room wall.	C/C
263.	Inspect exhaust elander.	C/C
264.	Inspect L.S. of turbocharger.	C/C
265.	Inspect lube oil separator.	C/C
266.	Inspect L.S. after cooler.	C/C
267.	Inspect flywheel.	C/C
168.	Inspect L.S. flywheel guard.	C/C
169.	Inspect engine room fire extinguisher. Type:	C/C
170.	Inspect R.S. DB cable heat shield.	—
271.	Inspect L.S. engine handhoist & top deck covers.	—
272.	Inspect L.S. engine internal components.	C/C
273.	Inspect L.S. engine heat shields.	C/C
274.	Inspect L.S. engine exhaust manifolds.	C/C
275.	Inspect L.S. engine steps.	—
276.	Inspect governor. Note part & serial numbers.	P/N: _____ Canson covered
277.	Inspect lay shaft lever.	C/C
278.	Inspect engine protector. Type:	C/C
279.	Inspect water pumps.	C/C
280.	Inspect main oil pump.	C/C

Submitted by:	MP/QA/230	Timestamp:	MBTA Labourn Inspection
Prepared by:	QA	Approved by:	L. Beaman D. Giolfo

Road Number: 833

282.	Inspect piston cooling oil pump.	O/C
182.	Inspect scavenging oil pump.	O/C
283.	Inspect automatic water drain valve.	—
284.	Inspect R.S. shutters.	O/C O/C covered with O/C
285.	Inspect engine start station.	O/C
286.	Inspect expansion tank water fill.	XES O/C
287.	Inspect expansion tank sight glass.	—
288.	Water treatment Yes or No.	Yes
289.	Inspect shutter test valve.	—
290.	Inspect load regulator Type: New or Old	O/C
191.	Inspect CCS, MV's, air pressure gauge etc.	O/C
192.	Inspect A/C exhaust components.	O/C
193.	Inspect temperature control box.	—
194.	Inspect temperature switch manifold.	—
195.	Inspect temperature switches. Type:	—
196.	Inspect water piping.	O/C
197.	Inspect compressor drive flye.	O/C
198.	Inspect compressor driveline guards.	O/C
199.	Inspect air compressor. Note MFR/model/serial number	MFR: WABCO Model: ZCDZLR SN: 45217
300.	Inspect prime mover layover water heater.	—
301.	Inspect R.S. HEP compartment door.	—
302.	Inspect HEP inertial blower etc.	O/C
303.	Inspect HEP fire extinguisher. Type:	O/C
304.	Inspect rear sander MV.	O/C
305.	Inspect rear sand box.	O/C
306.	Inspect HEP expansion tank.	—
307.	Inspect rear platform light lens.	—
308.	Inspect handbrake.	—
309.	Inspect HEP engine. Note model & serial numbers.	Model: — SN: —
310.	Inspect HEP alternator. Note model & serial numbers.	Model: — SN: —
311.	Inspect HEP relay cabinet.	—
312.	Inspect HEP cabinet filter box.	—
313.	Inspect HEP contactor cabinet.	—
314.	Inspect L.S. HEP compartment door.	—
315.	Inspect prime mover layover water pump.	—

1. Dispatched	APPROVED	1. Tested	MBTA Inbound Inspection
2. Inspected	QA	2. Approved	D. Gobola 3. Approved

Road Number: 837

316.	Inspect primary fuel filter housing.	OK
317.	Inspect tube oil filter housing.	OK
318.	Inspect oil cooler.	OK
319.	Inspect fuel pump. Motor HP: $\frac{1}{2}$ or $\frac{1}{4}$	OK
320.	Inspect fuel suction strainer housing.	OK
321.	Inspect battery charger.	—
322.	Inspect fuel pre-heater.	OK
323.	Inspect tube oil strainer housing.	—
324.	Inspect fuel spin on filters.	OK
325.	Inspect fuel sight glasses.	OK
326.	Inspect prime mover layover lube oil pump.	—
327.	Inspect R.S. engine steps.	—
328.	Inspect R.S. engine handhold & top deck cover.	—
329.	Inspect R.S. engine internal components.	—
330.	Inspect R.S. engine heat shields.	OK
331.	Inspect R.S. engine exhaust manifolds.	OK
332.	Note engine model & serial numbers.	Model: GE S/N: 030109R
333.	Inspect tube oil dipstick. Type: long/short	—
334.	Oil in engine. Yes or No	Yes
335.	Inspect turbo lube pump. Motor HP: $\frac{1}{2}$ or $\frac{1}{4}$	OK
336.	Inspect turbo lube oil filter.	OK
337.	Inspect starter motor. 1 or 2	OK
338.	Inspect starter motor cover.	—
339.	Inspect R.S. of turbocharger. Note model/serial numbers.	Model: OK S/N:
340.	Inspect aux drive.	—
341.	Inspect auxiliary generator driveline & cover.	—
342.	Inspect auxiliary generator access covers.	—
343.	Inspect L.S. after cooler.	OK
344.	Inspect L.S. flywheel guard.	—
345.	Inspect R.S. DB cable heat shield.	—
346.	Inspect engine roll bar.	OK
347.	Inspect L.S. engine room door.	OK
348.	Inspect end body door.	OK
349.	Inspect rear handrails, stanchions & safety chain.	OK
350.	Inspect end body ladder.	—

Department	MPQ/QATG	Location	MFTA Inbound Inspection
QA	Prepared By D. Gabola	Approved By L. Boston	RECEIVED A 4/25/02

FROM STV PHILADELPHIA

(FRI) 5.17'02 10:31/ST. 10:26/NO. 4862240490 P 12

Road Number: 837

MPI Inspector Signature:

MERTA Inspector Signature:

P40 Road Number 836

Inspection Date: 2-27-2009

LOCOMOTIVE INSPECTION
P-10

Page 1 of 14

Item No.	Component/Assembly Inspected	Equipped	Missing	Damaged	Comments
1	Front brake pipe hose.	✓			
2	All other front M.U. air hoses.	✓			
3	L.F. electrical M.U. receptacles.	✓			
4	Plow.	✓			Rusted @ outer ends Repaired?
5	Pilot end plate.	✓			
6	Front coupler & pocket.	✓			
7	Front cut levers.				
8	Front electrical M.U. jumper hanger.				
9	Anti-climber.				
10	Front of the short nose.	✓			Repaired @ bottom, Dings
11	Front headlights.	✓			
12	Ditch lights.	✓			
13	R.F. electrical M.U. receptacles.	✓			
14	R.F. corner steps.				
15	R.F. step light.	✓			
16	R.F. ATC track receivers & brackets.	✓			
17	All R.F. air M.U. piping & valves.	✓			
18	R.F. sand nozzle.	✓			Up against wheel
19	R.F. sand hose.	✓			
20	R.F. sand trap, compartment, & door.	✓			
21	R.F. grab irons.				
22	R.S. flag holder.				
23	R.S. stationary window.	✓			
24	R.S. wind deflector/mirror.	✓			
25	R.S. sash window, frame & weep hole cover.	✓			
26	R.S. armrest.				
27	R.S. cab & nose nose exterior.	✓			Damaged @ lower corner @ sand cont.
28	R.S. cab door.	✓			

LOCOMOTIVE INSPECTION

Page 2 of 14

Owner:	Model:	Road Number:	Date:		
Item No.	Component/Assembly Inspected	Equipped	Missing	Damaged	Comments
29	R.S. cab vertical handrails.	✓			
30	R.S. air brake compt. Door & hinges.	✓			rust (x) + b
31	R.S. air brake manifold & valves.				
32	R.S. cab steps.	✓			
33	R.S. cab step light.	✓			
34	R.S. #1 truck side bearing & truck hold down.				
35	#1 Traction motor.	✓			
36	#2 Traction motor.	✓			
37	#1 Truck TM plenum boots & rods.	✓			
38	#1 Truck frame serial number.				
39	R.S. #1 truck brake cylinder.	✓			TBC's
40	R.S. #1 truck air piping.	✓			
41	R.S. #1 truck brake cut out valve.				
42	R.S. #1 truck brake levers.				
43	R.S. #1 truck brake shoes.	✓			
44	R.S. #1 truck slack adjusters. Type: pin/screw.				
45	R1 & R2 Wheels.	✓			Thick rims
46	R.S. #1 truck journal bearings & boxes.	✓			
47	R.S. #1 truck journal springs & pads.	✓			
48	R.S. #1 truck pedestal liners.				
49	R.S. #1 truck pedestal tie bars.				
50	R.S. #1 truck shock absorbers. Vert., lat., long.	✓			
51	R.S. #1 truck spring plank.				
52	R.S. #1 truck spring safety straps.				
53	R.S. #1 truck swing hanger.				
54	Axle Generator, # axle.				
55	R.S. high voltage cables & cleats.				Down center
56	R.S. AEI tag.	✓			
57	R.S. car body side sill.	✓			

LOCOMOTIVE INSPECTION

Page 3 of 14

Owner:	Model:	Road Number:	Date:		
Item No.	Component/Assembly Inspected	Equipped	Damaged	Missing	Comments
58	R.S. car body panels.	✓			
59	R.S. barn doors.				
60	R.S. prime mover inertial filter screen.				
61	R.S. D.B. grids & cover.				
62	R.S. radiator filters/screens.	✓			
63	R.S. HEP hatch screens.				
64	Air Dryer.	✓			
65	Air reservoir filters.	✓			
66	Air reservoirs & piping.	✓			
67	R.S. of fuel tank.R.S. fuel fill. Type: <i>Hous T.A.</i>	✓			
68	R.S. fuel tank dial gauge. Capacity: <i>Fuel 15 gages</i>	✓			
69	R.S. fuel tank sight glass.	✓			
70	R.S. fuel piping.	✓			
71	#3 Traction motor.	✓			
72	#4 traction motor.	✓			
73	#2 truck TM plenum boots & rods.	✓			
74	#2 truck frame serial number:				
75	R.S. #2 truck brake cylinder.	✓			<i>TEUS</i>
76	R.S. #2 truck air piping.	✓			
77	R.S. #2 truck brake cut out valve.	✓			
78	R.S. #2 truck brake levers.	✓			
79	R.S. #2 truck brake shoes.	✓			
80	R.S. #2 truck slack adjusters. Type: pin/screw.				
81	R3 & R4 wheels.	✓			<i>Thick rims</i>
82	R.S. #2 truck journal bearings & boxes.	✓			
83	R.S. #2 truck journal springs & pads.	✓			
84	R.S. #2 truck pedestal liners.				
85	R.S. #2 truck pedestal tie bars.				
86	R.S. #2 truck shock absorbers. Vert., lat., long.	✓			

LOCOMOTIVE INSPECTION

Page 4 of 14

Owner:	Model:	Road Number:	Date:
Item No.	Component/Assembly Inspected	Comments	
		Damaged	
		Missing	
		Equipment	
87	R.S. #2 truck spring plank.		
88	R.S. #2 truck spring safety straps.		
89	R.S. #2 truck swing hanger.		
90	Axle generator, # axle.		
91	R.S. #2 truck side bearing & truck hold down.	✓	
92	R.R. vent valve.	✓	
93	R.R. steps.	✓	
94	R.R. step light.	✓	
95	All R.R. air M.U. piping & valves.	✓	
96	R.R. sand nozzle.	✓	
97	R.R. sand hose.	✓	
98	R.R. sand trap, compartment, & door.	✓	
99	R.R. vertical handrails.		
100	R.R. flag holder.	✓	
101	R.R. end plate.	✓	
102	Rear brake pipe hose.	✓	
103	All rear M.U. air hoses.	✓	
104	R.R. electrical M.U. receptacles.	✓	
105	Rear coupler & pocket.	✓	
106	Rear cut levers.	✓	
107	Rear electrical M.U. jumper hanger.	✓	
108	Bottom of rear walkway.		<i>Bad</i>
109	Diaphragm buffer plates.		
110	Rear handrails, stanchions, & safety chain.	✓	
111	L.R. end plate.	✓	
112	L.R. electrical M.U. receptacles.	✓	
113	L.R. steps.	✓	
114	L.R. step light.	✓	
115	All L.R. air M.U. piping & valves.	✓	

LOCOMOTIVE INSPECTION

Owner:		Model:		Date:
		856		2-17-04
Item No.	Component/Assembly Inspected	Equipped	Missing Damaged	Comments
116	L.R. sand nozzle.	✓		
117	L.R. sand hose.	✓		
118	L.R. sand trap, compartment, & door.	✓		
119	L.R. vertical handrails.	✓		
120	L.R. flag holder.			
121	L.S. #2 truck brake cylinder.	✓		TBUs
122	L.S. #2 truck air piping.	✓		
123	L.S. #2 truck brake levers.	✓		
124	L.S. #2 truck brake shoes.	✓		
125	L.S. #2 truck slack adjusters. Type: pin/screw.			Thick
126	L3 & L4 wheels.	✓		
127	L.S. #2 truck journal bearings & boxes.	✓		
128	L.S. #2 truck journal springs & pads.	✓		
129	L.S. #2 truck pedestal liners.			
130	L.S. #2 truck pedestal tie bars.			
131	L.S. #2 truck shock absorbers. Vert., lat., long.	✓		Vert.'s recently replaced & long!!
132	L.S. #2 truck spring plank.			
133	L.S. #2 truck spring safety straps.			
134	L.S. #2 truck swing hanger.			
135	Axle generator, # axle.			
136	L.S. #2 truck side bearing & truck hold down.			
137	L.S. high voltage cables & cleats.			
138	L.S. AEI tag.		✓	
139	L.S. car body side sill.	✓		
140	L.S. car body panels.	✓		
141	L.S. barn doors.			
142	L.S. HEP hatch screens.			
143	L.S. radiator shutter screens.			
144	L.S. D.B. grids & cover.			

LOCOMOTIVE INSPECTION

Page 6 of 14

Owner:	Model:	Road Number:	Date:		
Item No.	Component/Assembly Inspected	Equipped	Missing	Damaged	Comments
145	L.S. prime mover inertial filter screen.				
146	L.S. fuel piping.	✓			
147	L.S. fuel tank.	✓			
148	L.S. fuel fill. Type: <i>Domestic</i>	✓			
149	L.S. fuel tank dial gauge. Capacity: <i>Ball's eyes</i>	✓			
150	L.S. fuel tank sight glass.	✓			
151	Battery box, batteries, & doors.	✓			
152	L.S. engine room door steps.	✓			
153	L.S. engine room door step light.				
154	L.S. engine room door vertical handrails.				
155	L.S. engine room door.	✓			
156	L.S. #1 truck brake cylinder.	✓			
157	L.S. #1 truck air piping.	✓			
158	L.S. #1 truck brake levers.	✓			
159	L.S. #1 truck brake shoes.	✓			
160	L.S. #1 truck slack adjusters. Type: pin/screw.	✓			<i>Thick</i>
161	L.1 & L2 wheels.	✓			
162	L.S. #1 truck journal bearings & boxes.	✓			
163	L.S. #1 truck journal springs & pads.	✓			
164	L.S. #1 truck pedestal liners.				
165	L.S. #1 truck pedestal tie bars.				
166	L.S. #1 truck shock absorbers. Vert., lat., long.	✓			<i>Vert. shock's recently replaced</i>
167	L.S. #1 truck spring plank.				
168	L.S. #1 truck spring safety straps.				
169	L.S. #1 truck swing hanger.				
170	Axle generator. # <i>axle.</i>				
171	L.S. #1 truck side bearing & truck hold down.	✓			
172	L.S. cab steps.	✓			
173	L.S. cab step light.	✓			

LOCOMOTIVE INSPECTION

Page 7 of 14

Owner:	Model:	Road Number:	Date:
Item No.	Component/Assembly Inspected		Comments
		Equipment	Damaged
		Missing	
174	L.S. cab vertical handrails.	✓	
175	L.S. cab door.	✓	
176	L.S. sash window, frame, & weep hole cover.	✓	
177	L.S. armrest.		
178	L.S. flag holder.	✓	
179	L.S. stationary window.	✓	
180	L.S. wind deflector/mirror.	✓	
181	L.S. cab & short nose exterior.	✓	
182	L.S. air brake compartment door & hinges.	✓	
183	L.S. brake manifold & valves.	✓	
184	L.F. #8 vent valve.	✓	
185	L.F. steps.		
186	L.F. step light.	✓	
187	All L.F. air M.U. piping & valves.	✓	
188	L.F. sand nozzle.	✓	
189	L.F. sand hose.	✓	
190	L.F. sand trap, compartment, & door.		
191	L.F. grab irons.		
192	L.F. ATC track receivers & brackets.	✓	
193	Short nose for rust damage.		
194	Front sand box.		
195	Front sander MV.		
196	Ditch light pulser box.		
197	Radio/PA power supply.	✓	
198	Event recorder. Type:		
199	Event Recorder ID plug.		
200	Cap signal box.		
201	Short nose door, latch, & keeper.		Removable panel to nose for access
202	Short nose steps & access covers.	✓	

LOCOMOTIVE INSPECTION

Page 8 of 14

Owner:	Model:	Road Number:	Date:		
C DOT	P40	836	27-09		
Item No.	Component/Assembly Inspected	Equipment	Missing	Damaged	Comments
203	Cab fire extinguisher. Type: <i>E-Z-arc</i> .	✓			
204	Workbook holder.	✓			
205	Control stand electrical components.	✓			
206	Control stand air components.	✓			
207	Radio.	✓			
208	PA control head.	✓			
209	Brake handles.	✓			
210	Controller.	✓			
211	Speed indicator. Type:		✓		In display
212	R.S. main cab heater.		✓		
213	R.S. sidewall heater.		✓		
214	R.S. seat mounting.		✓		Seat cushion somewhat worn.
215	R.S. cab wall.		✓		
216	R.S. sash window.		✓		
217	R.S. stationary window.		✓		
218	R.S. cab light.		✓		
219	R.S. cab door.		✓		
220	Front cab wall.		✓		
221	Alerter. Type: <i>Dedman pedal</i>				Can't see
222	Windshield wiper motors.				
223	Windshield wiper motor covers.				
224	Sun visors. Quantity: <i>2</i>		✓		
225	R.S. windshield & frame.		✓		
226	L.S. windshield & frame.			✓	
227	Trashcan & liner.				
228	Layover heater.				
229	L.S. main cab heater.				Refrigerator on L.S. wall
230	Emergency brake valve.			✓	
231	L.S. sidewall heater.			✓	

LOCOMOTIVE INSPECTION

Page 9 of 14

Owner:	CDOT	Model:	P40	Road Number:	286	Date:	2-27-09
Item No.	Component/Assembly Inspected	Equipped	Missing	Damaged		Comments	
232	L.S. seat mounting.	✓				Slight armrest damage on forward seat	
233	L.S. cab wall.	✓					
234	L.S. sash window.	✓					
235	L.S. stationary window.	✓					
236	L.S. cab light.	✓					
237	L.S. cab door.	✓					
238	Alcove.						
239	Fuses/torpedo holder.	✓					
240	Cardholders. Quantity: <u>Multipl</u>	✓					
241	Blue card in unit. Tester No. Date: <u>3-17-08</u>	✓					
242	First aid kit.			✓			
243	Cab ceiling.	✓					
244	Cab floor.	✓					
245	Trap doors.	✓					
246	HVC exterior.	✓					
247	HEP remote panel.	✓					
248	Engine control panel.	✓					
249	HVC components.	✓					
250	Dash 2 modules.	✓					
251	Cab to engine room door.	✓					
252	Cab to engine room steps.	✓					
253	Fresh air room door.					Tight room	
254	HVC rear doors.						
255	Fresh air room floor.						
256	Engine intake filters & cage. Type: <u>baggie/paper</u>	✓					
257	R.S. inertial filter.						
258	Inertial blower motor.						
259	L.S. inertial filter.						
260	Inertial filter drains.						

LOCOMOTIVE INSPECTION

Page 10 of 14

Owner:	CDOT	Model:	P40	Road Number:	83C	Date:	2-27-09
Item No.	Component/Assembly Inspected					Comments	
				Equipment	Missing	Damaged	
261	Aux generator/TM blower.						
262	HVC filter box.						
263	Main generator. Note model & serial numbers.			✓	5GMG195B1		
264	Fresh air room wall.						
265	Exhaust silencer.						
266	L.S. of turbocharger.			✓			
267	Lube oil separator.						
268	L.S. after cooler.			✓			
269	Fly wheel.						
270	L.S. flywheel guard.						
271	Engine room fire extinguisher. Type: ABC & Halon	✓					
272	L.S. DB cable heat shield.						
273	L.S. engine handhole & top deck covers.						
274	L.S. engine internal components.						
275	L.S. engine heat shields.						
276	L.S. engine exhaust manifolds.						
277	L.S. engine steps.						
278	Governor. Note part & serial numbers.			✓	P/N:	S/N: Woodward	
279	Lay shaft lever.			✓			
280	Engine protector. Type:						
281	Water pump X			✓			
282	Main oil pump.			✓			
283	Piston cooling oil pump.						
284	Scavenging oil pump.						
285	Automatic water drain valve.						
286	R.S. radiator shutters.						
287	Engine start station.						
288	Expansion tank water fill.						
289	Expansion tank sight glass.						

LOCOMOTIVE INSPECTION

Page 11 of 14

Owner:	Model:	Road Number:	Date:
Item No.	Component/Assembly Inspected	Comments	
290	Shutter test valve.		
291	Load regulator.		
292	CCS, MV's, air pressure gauge etc.	✓	
293	A/C cabinet components.	✓	
294	Temperature control box.		
295	Temperature switch manifold.		
296	Temperature switches. Type: _____	✓	
297	Water piping.		
298	Compressor drive line.		
299	Compressor driveline guards.		
300	Air compressor. Note MFR/model/S/N	MFR: Welch	Model: 3CDCLAS/N: Motor driven
301	Prime mover layover water heater.		
302	R.S. HEP compartment door.		
303	HEP inertial blower etc.		
304	HEP fire extinguisher. Type: _____	✓	
305	Rear Sander MV.	✓	
306	Rear sand box.	✓	
307	HEP expansion tank.		
308	Rear Platform light lens.		
309	Handbrake.		
310	HEP engine. Note model & serial numbers.		
311	HEP alternator. Note model & S/N.	✓	Model: S/N: (end of main #/L.)
312	HEP relay cabinet.		
313	HEP cabinet filter box.		
314	HEP contactor cabinet.		
315	I.S. filter compartment door.	✓	
316	Prime mover layover water pump.		
317	Primary fuel filter housing.		
318	Lube oil filter housing.	✓	

LOCOMOTIVE INSPECTION

Page 12 of 14

Owner:	770 C 7	Model:	P4C	Road Number:	836	Date:	2-27-09
Item No.	Component/Assembly Inspected	Equipped	Missing	Damaged	Comments		
319	Oil cooler.	✓					
320	Fuel pump.	✓					
321	Fuel suction strainer housing.	✓					
322	Battery charger.	✓					
323	Fuel pre-heater.	✓					
324	Lube oil strainer housing.	✓					
325	Fuel spin on filters.	✓					
326	Fuel sight glasses.	✓					
327	Prime mover louver lube oil pump.	✓					
328	R.S. engine steps.	✓					
329	R.S. engine handhole & top deck covers.	✓					
330	R.S. engine internal components.	✓					
331	R.S. engine heat shields.	✓					
332	R.S. engine exhaust manifolds	✓					
333	Engine model & serial numbers.	✓					
334	Lube oil dipstick. Type: Long/Short	✓					
335	Turbo lube pump.	✓					
336	Turbo lube oil filter.	✓					
337	Starter motors.	✓					
338	Starter motor cover.	✓					
339	R.S. of turbocharger. Note model/S/N.	✓					
340	Aux drive.	✓					
341	Auxiliary generator driveline & cover.	✓					
342	Auxiliary generator access covers.	✓					
343	R.S. after cooler.	✓					
344	R.S. flywheel guard.	✓					
345	R.S. DB cable heat shield.	✓					
346	Engine roll bar.	✓					
347	L.S. engine room door.	✓					

LOCOMOTIVE INSPECTION

Page 13 of 14

Owner:	DOT	Model:	P#	Road Number:	836	Date: 2-27-09
Item No.	Component/Assembly Inspected					Comments
348	End body door.	✓				
349	Rear handrails, stanchions & safety chain.					
350	End body ladder.	✓				
351	Rear headlights.	✓				
352	Rear marker lights.	✓				
353	Rear sand fill.	✓				
354	HEP expansion tank cover.					
355	HEP cooling fan. Number of blades: _____					N_1
356	Top of HEP hatch.					N_2
357	#2 cooling fan. Number of blades: _____					
358	#1 cooling fan. Number of blades: _____					
359	Top of cooling hatch.					
360	DB blower motor. Number of blades: _____					
361	Top of DB hatch.					
362	Top of exhaust hatch.					
363	Top of inertial hatch.					
364	Top of cab roof.					
365	Radio antenna.					
366	Horn. Number of trumpets: _____					
367	Bell.	✓				
368	Windshield guards.					N_3
369	Wiper arms.	✓				
370	Front marker lights.	✓				
371	Front number boards.	✓				
372	Front sand fill.	✓				
373						
374						

LOCOMOTIVE INSPECTION

Page 14 of 14

P40 Road Number 838

Inspection Date: 2-20-2009

LOCOMOTIVE INSPECTION

Item No.	Component/Assembly Inspected	Equipped	Missing	Damaged	Comments
1	Front brake pipe hose.	✓			
2	All other front M.U. air hoses.	✓			
3	L.F. electrical M.U. receptacles.	✓			
4	Plow.	✓			
5	Pilot end plate.	✓			
6	Front coupler & pocket.	✓			
7	Front cut levers.	✓			
8	Front electrical M.U. jumper hanger.	✓			
9	Anti-climber.	✓			
10	Front of the front nose.	✓			Dings @ front corner, L side, above front light.
11	Front headlights.	✓			
12	Ditch lights.	✓			
13	R.F. electrical M.U. receptacles.	✓			
14	R.F. corner steps.	X			
15	R.F. step light.	X			
16	R.F. ATC track receivers & brackets.	✓			
17	All R.F. air M.U. piping & valves.	✓			
18	R.F. sand nozzle.	✓			
19	R.F. sand hose.	✓			
20	R.F. sand trap, compartment, & door.	✓			Only one blow.
21	R.F. grab irons.	X			
22	R.S. flag holder.	X			
23	R.S. stationary window.	✓			
24	R.S. wind deflector/mirror.	✓			
25	R.S. sash window, frame & weep hole cover.	✓			
26	R.S. armrest.				Some painted blisters
27	R.S. cab & cab nose exterior.	✓			
28	R.S. cab door.	✓			

LOCOMOTIVE INSPECTION

Page 2 of 14

Owner:		Model:		Date:
<u>CDCT</u>		<u>PFC</u>	<u>C-78</u>	<u>2-20-07</u>
Item No.	Component/Assembly Inspected	Equipped Missing	Damaged	Comments
29	R.S. cab vertical handrails.	✓		
30	R.S. air brake comp. Door & hinges.	✓		
31	R.S. air brake manifold & valves.			
32	R.S. cab steps.	✓		
33	R.S. cab step light.	✓		
34	R.S. #1 truck side bearing & truck hold down.	X		
35	#1 Traction motor.	✓		
36	#2 Traction motor.	✓		
37	#1 Truck TM plenum boots & rods.	✓		
38	#1 Truck frame serial number.			
39	R.S. #1 truck brake cylinder.	X		TBLs O.K.
40	R.S. #1 truck air piping.	✓		
41	R.S. #1 truck brake cut out valve.	X		
42	R.S. #1 truck brake levers.	X		
43	R.S. #1 truck brake shoes.	✓		
44	R.S. #1 truck slack adjusters. Type: pin/screw.	✓		Thick rims, esp. #1
45	R1 & R2 Wheels.	✓		
46	R.S. #1 truck journal bearings & boxes.	✓		
47	R.S. #1 truck journal springs & pads.	✓		
48	R.S. #1 truck pedestal liners.	X		
49	R.S. #1 truck pedestal tie bars.	X		
50	R.S. #1 truck shock absorbers. Vert., lat., long.	✓		
51	R.S. #1 truck spring plank.	X		
52	R.S. #1 truck spring safety straps.	X		
53	R.S. #1 truck swing hanger.	X		
54	Axe generator, # axle.	X		
55	R.S. high voltage cables & cleats.	✓		In center
56	R.S. AEI tag.	✓		
57	R.S. car body side sill.	✓		

LOCOMOTIVE INSPECTION

Page 3 of 14

Item No.	Component/Assembly Inspected	Equipped	Damaged	Missing	Comments
58	R.S. car body panels.	✓			<i>Old scratches in middle</i>
59	R.S. barn doors.	X			
60	R.S. prime mover inertial filter screen.	✓			
61	R.S. D.B. grids & cover.				
62	R.S. radiator shutter screens.	X			
63	R.S. HEP hatch screens.	X			
64	Air Dryer. L. S.	✓			
65	Air reservoir filters.	✓			
66	Air reservoirs & piping.	Houston	✓		
67	R.S. of fuel tank.R.S. fuel fill. Type: SHAZZAN	✓			
68	R.S. fuel tank dial gauge. Capacity: 1000	✓			LED
69	R.S. fuel tank sight glass & ports	✓			
70	R.S. fuel piping.	X			
71	#3 Traction motor.	✓			
72	#4 traction motor.	✓			
73	#2 truck TM plenum boots & rods.	✓			
74	#2 truck frame serial number:				
75	R.S. #2 truck brake cylinder. \$	✓			7 BUs
76	R.S. #2 truck air piping.	✓			
77	R.S. #2 truck brake cut out valve.				
78	R.S. #2 truck brake levers.	X			
79	R.S. #2 truck brake shoes.	✓			
80	R.S. #2 truck slack adjusters. Type: pin/screw.	X			
81	R3 & R4 wheels.	✓			Thick rims
82	R.S. #2 truck journal bearings & boxes.	✓			
83	R.S. #2 truck journal springs & pads.	✓			
84	R.S. #2 truck pedestal liners.	X			
85	R.S. #2 truck pedestal tie bars.	X			
86	R.S. #2 truck shock absorbers. Vert, lat, long.	✓			

LOCOMOTIVE INSPECTION

Owner:	CDCT	Model:	F40	Road Number:	232	Date:	2-20-09
Item No.	Component/Assembly Inspected	Equipped			Comments		
		Damaged	Missing	Equipment			
87	R.S. #2 truck spring plank.	X					
88	R.S. #2 truck spring safety straps.	X					
89	R.S. #2 truck swing hanger.	X					
90	Axle generator, # axle.	X					
91	R.S. #2 truck side bearing & truck hold down.	X					
92	R.R. #8 vent valve.	V					
93	R.R. steps.	V					
94	R.R. step light.	V					
95	All R.R. air M.U. piping & valves.	V					
96	R.R. sand nozzle.	V					
97	R.R. sand hose.	V					
98	R.R. sand trap, compartment, & door.						
99	R.R. vertical handrails. <i>Rear Door, R. Side</i>	V					
100	R.R. flag holder.	X					
101	R.R. end plate.	V					
102	Rear brake pipe hose.	V					
103	All rear M.U. air hoses.	V					
104	R.R. electrical M.U. receptacles.	V					
105	Rear coupler & pocket.	V					
106	Rear cut levers.	V					
107	Rear electrical M.U. jumper hanger.	V					
108	Bottom of rear walkway.	X					
109	Diaphragm buffer <i>buffers</i> .	V					
110	Rear handrails, stanchions, & safety chain.	X					
111	L.R. end plate.	V					
112	L.R. electrical M.U. receptacles.	V					
113	L.R. steps. <i>at door</i>	V					
114	L.R. step light.	V					
115	All L.R. air M.U. piping & valves.	V					

LOCOMOTIVE INSPECTION

Page 5 of 14

Owner:	CDCT	Model:	P210	Road Number:	838	Date:	2-20-09
Item No.	Component/Assembly Inspected	Equipped	Missing	Damaged		Comments	
116	L.R. sand nozzle.	✓					
117	L.R. sand hose.	✓					
118	L.R. sand trap, compartment, & door.						
119	L.R. vertical handrails. 2 doors	✓					
120	L.R. flag holder.	X					
121	L.S. #2 truck brake cylinder.	✓				TBU's	
122	L.S. #2 truck air piping.	✓					
123	L.S. #2 truck brake levers.	X					
124	L.S. #2 truck brake shoes.	✓					
125	L.S. #2 truck slack adjusters. Type: pin/screw.	X					
126	L3 & L4 wheels.	✓					
127	L.S. #2 truck journal bearings & boxes.	✓					
128	L.S. #2 truck journal springs & pads.	✓					
129	L.S. #2 truck pedestal liners.	X					
130	L.S. #2 truck pedestal tie bars.	X					
131	L.S. #2 truck shock absorbers. Vert., lat., long.	✓					
132	L.S. #2 truck spring plank.	X					
133	L.S. #2 truck spring safety straps.	X					
134	L.S. #2 truck swing hanger.	X					
135	Axle generator, # axle.	X					
136	L.S. #2 truck side bearing & truck hold down.	X					
137	L.S. high voltage cables & cleats.	X				In center	
138	L.S. AEI tag.						
139	L.S. car body side sill.						
140	L.S. car body panels.	✓				Small slings	
141	L.S. barn doors.	X					
142	L.S. HEP hatch screens.	X					
143	L.S. radiator shatter screens.	X					
144	L.S. D.B. grids & covers. SCR 2205	✓					

LOCOMOTIVE INSPECTION

Page 6 of 14

Owner:	Model:	Loco:	Road Number:	838	Date:	2-20-09
Item No.	Component/Assembly Inspected					Comments
		Equipped	Missing	Damaged		
145	L.S. prime mover intake filter screen.	✓				
146	L.S. fuel piping.	✓				
147	L.S. fuel tank.	✓				
148	L.S. fuel fill. Type: bedstone	✓				
149	L.S. fuel tank dial gauge. Capacity:	✓		LED not lit		
150	L.S. fuel tank sight glass - borts	✓				
151	Battery box, batteries, & doors.	✓				
152	L.S. engine room door steps.	X				
153	L.S. engine room door step light.	X				
154	L.S. engine room door vertical handrails.	X				
155	L.S. engine room door.	X				
156	L.S. #1 truck brake cylinder.	✓		TRU5		
157	L.S. #1 truck air piping.	✓				
158	L.S. #1 truck brake levers.	X				
159	L.S. #1 truck brake shoes.	✓				
160	L.S. #1 truck slack adjusters. Type: pin/screw.	X				
161	L1 & L2 wheels.	✓				
162	L.S. #1 truck journal bearings & boxes.	✓				
163	L.S. #1 truck journal springs & pads.	✓				
164	L.S. #1 truck pedestal liners.	X				
165	L.S. #1 truck pedestal tie bars.	X				
166	L.S. #1 truck shock absorbers. Vert., lat., long.	✓				
167	L.S. #1 truck spring plank.	X				
168	L.S. #1 truck spring safety straps.	X				
169	L.S. #1 truck swing hanger.	X				
170	Axle generator. # axle.	X				
171	L.S. #1 truck side bearing & truck hold down.	X				
172	L.S. cab steps.	✓				
173	L.S. cab step light.	✓				

LOCOMOTIVE INSPECTION

Page 7 of 14

Owner:	Model:	Road Number:	Date:	
	F4D	930	2-20-09	
Item No.	Component/Assembly Inspected	Damaged	Missing	Comments
174	L.S. cab vertical handrails.	✓		
175	L.S. cab door.	✓		
176	L.S. sash window, frame, & weep hole cover.	✓		Corrosion along bottom of fixed sash area of frame
177	L.S. armrest.			
178	L.S. flag holder.	✗		
179	L.S. stationary window.	✓		
180	L.S. wind deflector/mirror.	✓		
181	L.S. cab & short nose exterior.	✓		Blister on corner @ bottom of windshield.
182	L.S. air brake compartment door & hinges.	✗		
183	L.S. brake manifold & valves.	✓		
184	L.F. #8 vent valve.	✓		
185	L.F. steps.	✗		
186	L.F. step light.	✗		
187	All L.F. air M.U. piping & valves.	✓		
188	L.F. sand nozzle.	✓		
189	L.F. sand hose.	✓		
190	L.F. sand trap, compartment, & door.	✓		
191	L.F. grab irons.	✓		On floor
192	L.F. ATC track receivers & brackets.	✓		
193	Front nose for rust damage.	✓		
194	Front sand box.			
195	Front sander MV.			
196	Ditch light pulser box.			
197	Radio/PA power supply.			
198	Event recorder. Type:			
199	Event Recorder ID plug.			
200	Cab signal box.			
201	Short nose door, latch, & keeper.			
202	Short nose steps & access covers.			

LOCOMOTIVE INSPECTION

Page 8 of 14

Owner:	Model:	Road Number:	Date:		
Item No.	Component/Assembly Inspected	Equipped	Missing	Damaged	Comments
203	Cab fire extinguisher. Type: ABC dry chem.	✓			
204	Workbook holder.	✓			
205	Control stand electrical components.	✓			
206	Control stand air components.	✓			
207	Radio.	✓			
208	PA control head.	✓			
209	Brake handles.	✓			
210	Controller.	✓			
211	Speed indicator. Type: _____				In display
212	R.S. main cab heater.	✓			Disconnected
213	R.S. sidewall heater.	✓			
214	R.S. seat mounting.	✓			Good condition
215	R.S. cab wall.	✓			
216	R.S. sash window.	✓			
217	R.S. stationary window.	✓			
218	R.S. cab light.	✓			
219	R.S. cab door.	✓			
220	Front cab wall.	✓			
221	Alerter. Type: _____	✓			Deadman pedal
222	Windshield wiper motors.	✓			
223	Windshield wiper motor covers.	✓			
224	Sun visors. Quantity: 2	✓			
225	R.S. windshield & frame.	✓			
226	L.S. windshield & frame.	✓			
227	Trashcan & litter bin.				In front panel
228	Layover heater.				
229	L.S. main cab heater.	✗			
230	Emergency brake valve.	✓			
231	L.S. sidewall heater.	✓			

LOCOMOTIVE INSPECTION

Page 9 of 14

Owner:	Model:	Road Number:	Date:
	F40	830	2-20-07
Item No.	Component/Assembly Inspected	Equipped	Comments
232	L.S. seat mounting.	✓	L.S. & 3rd seat in very good cond. 1/10/07
233	L.S. cab wall.	✓	
234	L.S. sash window.	✓	
235	L.S. stationary window.	✓	
236	L.S. cab light.	✓	
237	L.S. cab door.	✓	
238	Alcove.	✗	
239	Fuses/torpedo holder.		
240	Cardholders. Quantity:	✓	In one unit
241	Blue card in unit. Yes or No. Date:	✓	
242	First aid kit.	✓	
243	Cab ceiling.	✓	
244	Cab floor.	✓	
245	Trap doors.	✓	
246	HVC exterior.	✓	
247	HEP remote panel.	✓	
248	Engine control panel.	✓	
249	HVC components.	✗	
250	Dash 2 modules.	✗	
251	Cab to engine room door.	✓	
252	Cab to engine room steps.	✓	
253	Fresh air room door.	✗	
254	HVC rear doors.	✗	
255	Fresh air room floor.		
256	Engine intake filters & cage. Type: baffle/paper		
257	R.S. inertial filter.		
258	Inertial blower motor.		
259	L.S. inertial filter.		
260	Inertial filter drains.		

LOCOMOTIVE INSPECTION

Page 10 of 14

Owner:	Model:	Road Number:	Date:		
Item No.	Component/Assembly Inspected	Equipped	Damaged	Missing	Comments
261	Aux generator/TM blower.	X			
262	H/C filter box.				
263	Main Generator. Note model & serial numbers.	✓			Model: S/N:
264	Fresh air room wall.				
265	Exhaust silencer.	X			
266	L.S. of turbocharger.	✓			
267	Lube oil separator.	✓			
268	L.S. after cooler.	✓			
269	Fly wheel.	✓			
270	L.S. flywheel guard.				
271	Engine room fire extinguisher. Type: <i>Bicarb</i>	✓			
272	L.S. DB cable heat shield.				
273	L.S. engine handhole & top deck covers.	X			
274	L.S. engine internal components.	✓			
275	L.S. engine heat shields.	X			
276	L.S. engine exhaust manifolds.	✓			
277	L.S. engine steps.	✓			
278	Governor. Note part & serial numbers.	✓			P/N: <i>GIE</i> . S/N: Oil all around governor/hayshaft / ever clear and front of main generator
279	Lay shaft lever.	✓			
280	Engine protector. Type:				
281	Water pump	X			
282	Main oil pump.				
283	Piston cooling oil pump.				
284	Scavenging oil pump.				
285	Automatic water drain valve.				
286	R.S. radiator shad ers. Screens				
287	Engine start station.				
288	Expansion tank water fill.				
289	Expansion tank sight glass.				

LOCOMOTIVE INSPECTION

Page 11 of 14

Owner:	Model:	Road Number:	Date:
Item No.	Component/Assembly Inspected		Comments
		Damaged	
		Missing	
		Damaged	
290	Shutter test valve.		
291	Load regulator.	✓	
292	CCS, MV's, air pressure gauge etc.	✓	
293	A/C cabinet components.	✓	
294	Temperature control box.		
295	Temperature switch manifold.		
296	Temperature switches. Type:	✓	
297	Water piping.	✓	
298	Compressor drive line.	✗	Motor driven
299	Compressor driveline guards.	✗	
300	Air compressor. Note MFR/model/S/N		MFR: <u>Wabco</u> Model: <u>CDCLA</u> S/N: <u> </u>
301	Prime mover layover water heater.		
302	R.S. #2 compartment door.	✓	
303	HEP inertial blower etc.	✗	
304	HEP fire extinguisher. Type: <u>Halogen</u>	✓	
305	Rear Sander MV.	✓	
306	Rear sand box & s	✓	
307	HEP expansion tank.	✗	
308	Rear Platform light lens.	✗	
309	Handbrake.	✗	
310	HEP engine. Note model & serial numbers.	✗	Model: <u> </u> S/N: <u> </u>
311	HEP alternator. Note model & S/N.	✗	Model: <u> </u> S/N: <u> </u>
312	HEP relay cabinet.	✗	
313	HEP cabinet filter box.	✗	
314	HEP contactor cabinet.	✗	
315	L.S. HEP compartment door.	✓	
316	Prime mover layover water pump.	✓	
317	Primary fuel filter housing.	✓	
318	Lube oil filter housing.	✓	

LOCOMOTIVE INSPECTION

Page 12 of 14

Item No.	Component/Assembly Inspected	EQUIPPED	MISSING	DAMAGED	Comments
319	Oil cooler.	✓			
320	Fuel pump.	✓			
321	Fuel suction strainer housing.	✓			
322	Battery charger.	✓			
323	Fuel pre-heater.	✓			
324	Lube oil strainer housing.	✓			
325	Fuel spin on filters.	✓			
326	Fuel sight glasses.	✓			
327	Prime mover layover lube oil pump.	✓			
328	R.S. engine steps.	✓			
329	R.S. engine handhole & top deck covers.	✗			
330	R.S. engine internal components.	✓			
331	R.S. engine heat shields.	✗			
332	R.S. engine exhaust manifolds	✓			
333	Engine model & serial numbers.	✓			
334	Lube oil dipstick. Type: Long/Short	✓			
335	Turbo lube pump.	✓			
336	Turbo lube oil filter.	✓			
337	Starter motors.	✓			
338	Starter motor cover.	✓			
339	R.S. of turbocharger. Note model/S/N.	✓			
340	Aux drive.	✗			
341	Auxiliary generator driveline & cover.	✗			
342	Auxiliary generator access covers.	✗			
343	R.S. after cooler.	✓			
344	R.S. flywheel guard.	✓			
345	R.S. DB cable heat shield.	✓			
346	Engine roll bar.	✓			
347	L.S. engine room door.	✗			

Model: 7ENDL16-147 S/N: 030143R Remanufactured
Date: 05-23-03

LOCOMOTIVE INSPECTION

Item No.	Component/Assembly Inspected	Comments		
		Equipped	Missing	Damaged
348	End body door.	✓		
349	Rear handrails, stanchions & safety chain.	X		
350	End body ladder.	X		
351	Rear headlights.	✓		
352	Rear marker lights.	✓		
353	Rear sand fill.	✓		
354	HEP expansion tank cover.	X		
355	HEP cooling fan. Number of blades:	X		
356	Top of HEP hatch.	X		
357	#2 cooling fan. Number of blades:			
358	#1 cooling fan. Number of blades:			
359	Top of cooling hatch.			
360	DB blower motor. Number of blades:			
361	Top of DB hatch.			
362	Top of exhaust hatch.			
363	Top of inertial hatch.			
364	Top of cab roof.	✓		
365	Radio antenna.	✓		
366	Horn. Number of trumpets:	✓		
367	Bell.	✓		
368	Windshield guards.	X		
369	Wiper arms.	✓		
370	Front marker lights.	✓		
371	Front number boards.	✓		
372	Front sand fill.			
373				
374				

LOCOMOTIVE INSPECTION

Page 14 of 14

Owner:	CDOT	Model:	F70	Road Number:	838	Date:	2-20-09
Item No.	Component/Assembly Inspected	Comments					
		Equipped	Missing	Damaged			

P40 Road Number 840

Inspection Date: 1-13-2009

LOCOMOTIVE INSPECTION

Page 1 of 14

Owner:	<u>CDCI</u>	Model:	<u>EL 2710</u>	Road Number:	<u>8770</u>	Date:	<u>1-13-09</u>
Item No.	Component/Assembly Inspected	Equipped	Missing	Damaged	Comments		
1	Front brake pipe hose.	✓					
2	All other front M.U. air hoses.	✓					
3	L.F. electrical M.U. receptacles.	✓					
4	Plow.	✓					
5	Pilot end plate.	✗					
6	Front coupler & pocket.	✓					
7	Front cut levers.	✓					
8	Front electrical M.U. jumper hanger.						
9	Anti-climber.						
10	Front of the short nose.	✓					
11	Front headlights.	✓					
12	Ditch lights.	✓					
13	R.F. electrical M.U. receptacles.	✓					
14	R.F. corner steps.	✗					
15	R.F. step light.	✗					
16	R.F. ATC track receivers & brackets.	✓					
17	All R.F. air M.U. piping & valves.	✓					
18	R.F. sand nozzle.	✓					
19	R.F. sand hose.	✓					
20	R.F. sand trap, compartment, & door.	✓					
21	R.F. grab irons.	✓					
22	R.S. flag holder.	✓					
23	R.S. stationary window.	✓					
24	R.S. wind deflector/mirror.	✓					
25	R.S. sash window, frame & weep hole cover.	✓					
26	R.S. armrest.	✗					
27	R.S. cab & sheath base exterior.	✓				<u>2 Pilch spots on front corner</u>	
28	R.S. cab door.	✓					

LOCOMOTIVE INSPECTION

Page 2 of 14

Owner:	Model:	Road Number:	Date:		
Item No.	Component/Assembly Inspected	Equipped	Damaged	Missing	Comments
29	R.S. cab vertical handrails.	✓			
30	R.S. air brake compt. Door & hinges.	✓			
31	R.S. air brake manifold & valves.	✓			
32	R.S. cab steps.	✓			
33	R.S. cab step light.				
34	R.S. #1 truck side bearing & truck hold down.	✗			
35	#1 Traction motor.	✓			
36	#2 Traction motor.	✓			
37	#1 Truck TM plenum boots & rods.	✓			
38	#1 Truck frame serial number.	✓			
39	R.S. #1 truck brake cylinder.	✓			TBU's for each wheel
40	R.S. #1 truck air piping.	✓			
41	R.S. #1 truck brake cut out valve.	✓			
42	R.S. #1 truck brake levers.	✗			TBU's
43	R.S. #1 truck brake shoes.	✓			
44	R.S. #1 truck slack adjusters. Type: pin/screw.	✗			TBU's
45	R1 & R2 Wheels.	✓			
46	R.S. #1 truck journal bearings & boxes.	✓			
47	R.S. #1 truck journal springs & pads.	✓			
48	R.S. #1 truck pedestal liners.				
49	R.S. #1 truck pedestal tie bars.	✗			
50	R.S. #1 truck shock absorbers. Vert., lat, long.	✓			Krubb trucks
51	R.S. #1 truck spring plank.	✗			
52	R.S. #1 truck spring safety straps.	✗			
53	R.S. #1 truck swing hanger.	✗			
54	Axle generator, # axle.				
55	R.S. high voltage cables & cleats.	✓			
56	R.S. AEI tag.	✓			
57	R.S. car body side sill.	✗			Carbody design

LOCOMOTIVE INSPECTION

Page 3 of 14

Owner:	Model:	Road Number:	Date:
Item No.	Component/Assembly Inspected		Comments
58	R.S. car body doors.	✓	
59	R.S. doors. accss	✓	
60	R.S. prime mover inertial filter screen.	X	
61	R.S. D.B. grids & cover.	X	
62	R.S. radiator shutter screens.	✓	
63	R.S. HEP hatch screens.	X	
64	Air Dryer.	✓	
65	Air reservoir filters.	✓	
66	Air reservoirs & piping.	✓	
67	R.S. of fuel tank. R.S. fuel fill. Type:		
68	R.S. fuel tank dial gauge. Capacity:	✓	X LED display (1600 gal. as displayed)
69	R.S. fuel tank sight glass. port holes	✓	
70	R.S. fuel piping.	✓	
71	#3 Traction motor.	✓	
72	#4 traction motor.	✓	
73	#2 truck TM plenum boots & rods.		
74	#2 truck frame serial number:		
75	R.S. #2 truck brake cylinder.		TBV ₃
76	R.S. #2 truck air piping.	✓	
77	R.S. #2 truck brake cut out valve.	X	
78	R.S. #2 truck brake levers.	X	
79	R.S. #2 truck brake shoes.	✓	TBV ₃
80	R.S. #2 truck slack adjusters. Type: pin/screw.	X	TBV ₃
81	R3 & R4 wheels.	✓	
82	R.S. #2 truck journal bearings & boxes.	✓	
83	R.S. #2 truck journal springs & pads.	✓	
84	R.S. #2 truck pedestal liners.	✓	
85	R.S. #2 truck pedestal tie bars.	X	
86	R.S. #2 truck shock absorbers. Vert., lat., long.	✓	

LOCOMOTIVE INSPECTION

Page 4 of 14

Item No.	Component/Assembly Inspected	Equipment		Comments
		Missing	Damaged	
87	R.S. #2 truck spring plank.	X		
88	R.S. #2 truck spring safety straps.	X		
89	R.S. #2 truck swing hanger.	X		
90	Axle generator, # axle.			
91	R.S. #2 truck side bearing & truck hold down.	X		
92	R.R. #8 vent valve.			
93	R.R. steps.	✓		
94	R.R. step light.	✓		
95	All R.R. air M.U. piping & valves.			
96	R.R. sand nozzle.	✓		
97	R.R. sand hose.	✓		
98	R.R. sand trap, compartment, & door.	✓		
99	R.R. vertical handrails.	✓		
100	R.R. flag holder.		✓	Bottom corner of car body recently patched @ end plate.
101	R.R. end plate.		✓	
102	Rear brake pipe hose.		✓	
103	All rear M.U. air hoses.	✓		
104	R.R. electrical M.U. receptacles.	✓		
105	Rear coupler & pocket.	✓		
106	Rear cut levers.	✓		
107	Rear electrical M.U. jumper hanger.	✓		
108	Bottom of rear walkway.	X		No platform.
109	Diaphragm buffer plates.	X		
110	Rear handrails, stanchions, & safety chain.	X		
111	L.R. end plate.	✓		Bottom corner of car body patched @ end plate.
112	L.R. electrical M.U. receptacles.	✓		
113	L.R. steps.	✓		
114	L.R. step light.	✓		
115	All L.R. air M.U. piping & valves.			

LOCOMOTIVE INSPECTION

Page 5 of 14

Item No.	Component/Assembly Inspected	Equipped		Missing	Damaged	Comments
116	L.R. sand nozzle.	✓				
117	L.R. sand hose.	✓				
118	L.R. sand trap, compartment, & door.	✓				
119	L.R. vertical handrails.	✓				
120	L.R. flag holder.			X	TBU's	
121	L.S. #2 truck brake cylinder.	✓				
122	L.S. #2 truck air piping.	✓				
123	L.S. #2 truck brake levers.	X				
124	L.S. #2 truck brake shoes.	✓				
125	L.S. #2 truck slack adjusters. Type: pin/screw.	X				
126	L3 & L4 wheels.	✓				
127	L.S. #2 truck journal bearings & boxes.	✓				
128	L.S. #2 truck journal springs & pads.	✓				
129	L.S. #2 truck pedestal liners.	✓				
130	L.S. #2 truck pedestal tie bars.	X				
131	L.S. #2 truck shock absorbers. Vert., lat., long.	✓				
132	L.S. #2 truck spring plank.	X				
133	L.S. #2 truck spring safety straps.	X				
134	L.S. #2 truck swing hanger.	X				
135	Axle generator, # axe.	X				
136	L.S. #2 truck side bearing & truck hold down.	X				Kraft truck
137	L.S. high voltage cables & cleats.	X				
138	L.S. AEI tag.	✓				
139	L.S. car body side sill.	X				
140	L.S. car body panels.	✓				
141	L.S. barn doors.	X				
142	L.S. HEP hatch screens.	X				
143	L.S. radiator shutter screens.	✓				
144	L.S. D.B. grids & cover.	X				

LOCOMOTIVE INSPECTION

Page 6 of 14

Owner:	Model:	Road Number:	Date:
CDCI	P40	440	1-13-09
Item No.	Component/Assembly Inspected		Comments
145	L.S. prime mover inertial filter screen.		
146	L.S. fuel piping.		
147	L.S. fuel tank.	✓	
148	L.S. fuel fill. Type:		
149	L.S. fuel tank dial gauge. Capacity:		
150	L.S. fuel tank sight glass.		
151	Battery box, batteries, & doors.		
152	L.S. engine room door steps.	✗	
153	L.S. engine room door step light.	✗	
154	L.S. engine room door vertical handrails.	✗	
155	L.S. engine room door.	✗	
156	L.S. #1 truck brake cylinder.	✗	TBU's
157	L.S. #1 truck air piping.	✓	
158	L.S. #1 truck brake levers.	✗	"
159	L.S. #1 truck brake shoes.	✓	
160	L.S. #1 truck slack adjusters. Type: pin/screw.	✗	TBU's
161	L1 & L2 wheels.	✓	
162	L.S. #1 truck journal bearings & boxes.	✓	
163	L.S. #1 truck journal springs & pads.	✓	
164	L.S. #1 truck pedestal liners.	✓	
165	L.S. #1 truck pedestal tie bars.	✗	
166	L.S. #1 truck shock absorbers. Vert., lat., long.	✓	Longitudinal absorber has only skirt front end.
167	L.S. #1 truck spring plank.	✗	
168	L.S. #1 truck spring safety straps.	✗	
169	L.S. #1 truck swing hanger.	✗	
170	Axle generator. # axle.		
171	L.S. #1 truck side bearing & truck hold down.	✗	
172	L.S. cab steps.	✓	
173	L.S. cab step light.	✓	

LOCOMOTIVE INSPECTION

Page 7 of 14

Owner:	<u>C.D&T</u>	Model:	<u>F7D</u> <th>Road Number:</th> <td><u>7470</u></td> <th>Date:</th> <td><u>1-13-09</u></td>	Road Number:	<u>7470</u>	Date:	<u>1-13-09</u>
Item No.	Component/Assembly Inspected	Comments					
		Equipped	Damaged	Missing	Repaired		
174	L.S. cab vertical handrails.	✓					
175	L.S. cab door.	✓					
176	L.S. sash window, frame, & weep hole cover.	✓					
177	L.S. armrest.	X					
178	L.S. flag holder.	✓					
179	L.S. stationary window.	✓					
180	L.S. wind deflector/mirror.	✓					
181	L.S. cab & sheet metal exterior.	✓					
182	L.S. air brake compartment door & hinges.						
183	L.S. brake manifold & valves.						
184	L.F. #8 vent valve.	X					
185	L.F. steps.	X					
186	L.F. step light.	X					
187	All L.F. air M.U. piping & valves.	✓					
188	L.F. sand nozzle.	✓					
189	L.F. sand hose.	✓					
190	L.F. sand trap, compartment, & door.	✓					
191	L.F. grab irons.	✓					
192	L.F. ATC track receivers & brackets.	✓					
193	Short nose for rust damage.	X					
194	Front sand box.						
195	Front sander MV.						
196	Ditch light pulser box.						
197	Radio/PA power supply.						
198	Event recorder. Type:						
199	Event Recorder ID plug.						
200	Cab signal box.	✓					
201	Short nose door, latch, & keeper.	✓					
202	Short nose steps & access covers.	X					

LOCOMOTIVE INSPECTION

Item No.	Component/Assembly Inspected	Equipped		Missing	Damaged	Comments
		Road Number:	Date:			
203	Cab fire extinguisher. Type: Soda bicarb.	✓				
204	Workbook holder.	✗				
205	Control stand electrical components.	✓				
206	Control stand air components.	✓				<i>Desktop, not stand</i>
207	Radio.	✓				
208	PA control head.	✓				
209	Brake handles.	✓				
210	Controller.	✓				
211	Speed indicator. Type: Screen display	✓				
212	R.S. main cab heater.	✓				
213	R.S. sidewall heater.	✓				
214	R.S. seat mounting.	✓				
215	R.S. cab wall.	✓				
216	R.S. sash window.	✓				
217	R.S. stationary window.	✓				
218	R.S. cab light.	✓				<i>Works</i>
219	R.S. cab door.	✓				
220	Front cab wall.	✓				<i>Worn</i>
221	Alerter. Type:					<i>Assume button. Cab display of ACSES signals. Broken in pocket.</i>
222	Windshield wiper motors.	✓				
223	Windshield wiper motor covers.	✓				
224	Sun visors. Quantity:	✓				<i>Work</i>
225	R.S. windshield & frame.	✓				
226	L.S. windshield & frame.	✓				
227	Trashcan & liner.	✓				
228	Layover heater.	✓				
229	L.S. main cab heater.	✓				
230	Emergency brake valve.	✓				
231	L.S. sidewall heater.	✓				

LOCOMOTIVE INSPECTION

Owner:	<u>EDCOT</u>	Model:	<u>P40</u> <th>Road Number:</th> <td><u>240</u></td> <th>Date:</th> <td><u>1-13-09</u></td>	Road Number:	<u>240</u>	Date:	<u>1-13-09</u>
Item No.	Component/Assembly Inspected		Equipped	Missing	Damaged	Comments	
232	L.S. seat mounting.		✓				
233	L.S. cab wall.		✓				
234	L.S. sash window.		✓				
235	L.S. stationary window.		✓				
236	L.S. cab light.		✓				
237	L.S. cab door.		✓				
238	Alcove.		✗				
239	Fuses/torpedo holder.		✓				
240	Cardholders. Quantity:	<u>1</u>	✓				
241	Blue card in unit Yes or No.	<u>Yes</u>	<u>No</u>	<u>Date: 11-3-07</u>	✓		
242	First aid kit.		✓				
243	Cab ceiling.		✓				
244	Cab floor.		✓				
245	Trap doors.		✓				
246	HVC exterior.		✓				
247	HEP remote panel.		✓				
248	Engine control panel.		✓				
249	HVC components.		✗				
250	Dash 2 modules.		✓				
251	Cab to engine room door.		✓				
252	Cab to engine room steps.		✓				
253	Fresh air room door.		✓				
254	HVC rear doors.		✓				
255	Fresh air room floor.		✓				
256	Engine intake filters & cage. Type: baffle/paper		✓				
257	R.S. inertial filter.		✓				
258	Inertial blower motor.		✓				
259	L.S. inertial filter.		✓				
260	Inertial filter drains.		✓				

LOCOMOTIVE INSPECTION

Page 10 of 14

Owner:	Model:	Road Number:	Date:
Item No.	Component/Assembly Inspected		Comments
		Damaged	
		Missing	
		Bodipped	
261	Aux generator/TM blower.		
262	HVC filter box.		
263	Main generator. Note model & serial numbers.	✓	Model: _____ S/N: _____
264	Fresh air room wall.		
265	Exhaust silencer.		
266	L.S. of turbocharger.	✓	
267	Lube oil separator.	✓	
268	L.S. after cooler.	✓	
269	Fly wheel.		Can't see
270	L.S. flywheel guard.		II II
271	Engine room fire extinguisher. Type: ABC	✓	
272	L.S. DB cable heat shield.	✗	
273	L.S. engine handhole & top deck covers.	✗	
274	L.S. engine internal components.	✓	
275	L.S. engine heat shields.	✗	
276	L.S. engine exhaust manifolds.	✓	
277	L.S. engine steps.		
278	Governor. Note part & serial numbers.	✓	P/N: _____ S/N: _____ Worn/bent
279	Lay shaft lever.		
280	Engine protector. Type: _____		
281	Water pumps.		
282	Main oil pump.		
283	Piston cooling oil pump.		
284	Scavenging oil pump.		
285	Automatic water drain valve.		
286	R.S. radiator shutters.		
287	Engine start station.	✓	
288	Expansion tank water fill.	✓	
289	Expansion tank sight glass.		

LOCOMOTIVE INSPECTION

Page 11 of 14

Owner:	CDT	Model:	P40	Road Number:	940	Date:	1-13-09
Item No.	Component/Assembly Inspected			Comments			
				Damaged	Missing	Equipment	
290	Shutter test valve.						
291	Load regulator.						
292	CCS, MV's, air pressure gauge etc.			✓		(Start station)	
293	A/C cabinet components.						
294	Temperature control box.						
295	Temperature switch manifold.						
296	Temperature switches. Type:			✓		No effects	
297	Water piping.			✓			
298	Compressor drive line.			✗			
299	Compressor driveline guards.			✗			
300	Air compressor. Note MFR/model/S/N				MFR: Walbro	Model: 3CDE-LAS/N: N/A	Not driven
301	Prime mover layover water heater.			✓			
302	R.S. HEP compartment door.			✗			
303	HEP inertial blower etc.			✗		No separate HEP engine	
304	HEP fire extinguisher. Type:			✗			
305	Rear Sander MV.						
306	Rear sand box.			✓			
307	HEP expansion tank.			✗		No platform	
308	Rear Platform light lens.			✗			
309	Handbrake.			✓		Air operated	
310	HEP engine. Note model & serial numbers.			✗		Model: S/N: -	
311	HEP alternator. Note model & S/N.				Model: S/N: -		
312	HEP relay cabinet.			✗			
313	HEP cabinet filter box.			✗			
314	HEP contactor cabinet.			✗			
315	L.S. HEP compartment door.			✗			
316	Prime mover layover water pump.						
317	Primary fuel filter housing.						
318	Lube oil filter housing.						

LOCOMOTIVE INSPECTION

Page 12 of 14

Owner:	Model:	Road Number:	Date:
Item No.	Component/Assembly Inspected		Comments
		Equipped	Damaged Missing
319	Oil cooler.	✓	
320	Fuel pump.		
321	Fuel suction strainer housing.		
322	Battery charger.		
323	Fuel pre-heater.		
324	Lube oil strainer housing.	✓	
325	Fuel spin on filters.		
326	Fuel sight glasses.	✗	
327	Prime mover layover lube oil pump.	✗	
328	R.S. engine steps.	✗	
329	R.S. engine handhole & top deck covers.	✗	
330	R.S. engine internal components.	✓	
331	R.S. engine heat shields.	✗	
332	R.S. engine exhaust manifolds	✓	
333	Engine model & serial numbers.		Model: 7 FDL 16 S/N:
334	Lube oil dipstick. Type: Long/Short		
335	Turbo lube pump.		
336	Turbo lube oil filter.	✓	
337	Starter motors.		
338	Starter motor cover.	✗	
339	R.S. of turbocharger. Note model/S/N.	✓	Model: (C, E) S/N:
340	Aux drive.	✗	
341	Auxiliary generator driveline & cover.	✗	
342	Auxiliary generator access covers.	✗	
343	R.S. after cooler.	✓	
344	R.S. flywheel guard.	✗	
345	R.S. DB cable heat shield.	✗	
346	Engine roll bar.		
347	L.S. engine room door.	✗	

LOCOMOTIVE INSPECTION

Page 13 of 14

Owner:	Model:	Plt	Road Number:	Date:
STV			24C	1-13-09
Item No.	Component/Assembly Inspected			Comments
348	End body door.	✓		
349	Rear handrails, stanchions & safety chain.	✗		No rear platform.
350	End body ladder.	✗		
351	Rear headlights.	✓		
352	Rear marker lights.	✓		
353	Rear sand fill.	✓		
354	HEP expansion tank cover.	✗		
355	HEP cooling fan. Number of blades: _____	✗		
356	Top of HEP hatch.	✗		
357	#2 cooling fan. Number of blades: _____	✗		E.E.
358	#1 cooling fan. Number of blades: _____	✗		
359	Top of cooling hatch.	✓		
360	DB blower motor. Number of blades: _____	✗		
361	Top of DB hatch.	✗		
362	Top of exhaust hatch.			
363	Top of inertial hatch.	✓		Dish top see.
364	Top of cab roof.			
365	Radio antenna.			
366	Horn. Number of trumpets: _____			
367	Bell.			
368	Windshield guards.	✗		
369	Wiper arms.	✓		
370	Front marker lights.	✓		
371	Front number boards.	✓		
372	Front sand fill.	✓		
373	Rear Th blower	✓		
374	Toilet room - toilet	✓		

P40 Road Number 841

Inspection Date: 2-4-2009

 **STV**

LOCOMOTIVE INSPECTION

Page 1 of 14

Item No.	Component/Assembly Inspected	Equipment	Missing	Damaged	Comments
1	Front brake pipe hose.	✓			
2	All other front M.U. air hoses.	✓			
3	L.F. electrical M.U. receptacles.	✓			
4	Plow.	✓			
5	Pilot end plate.	✓			
6	Front coupler & pocket.	✓			
7	Front cut levers.	✓			
8	Front electrical M.U. jumper hanger.	✓			
9	Anti-climber.	✓			
10	Front of the short nose.	X			
11	Front headlights.	✓			
12	Ditch lights.	✓			
13	R.F. electrical M.U. receptacles.	✓			
14	R.F. corner steps.	✓			
15	R.F. step light.	✓			
16	R.F. ATC track receivers & brackets.	✓			
17	All R.F. air M.U. piping & valves.	✓			
18	R.F. sand nozzle.	✓			
19	R.F. sand hose.	✓			
20	R.F. sand trap, compartment, & door.	✓			
21	R.F. grab irons.	✓			
22	R.S. flag holder.	✓			
23	R.S. stationary window.	✓			
24	R.S. wind deflector/mirror.	✓			
25	R.S. sash window, frame & weep hole cover.	✓			
26	R.S. armrest.	✓			
27	R.S. cab & front nose exterior.	✓			
28	R.S. cab door.	✓			

LOCOMOTIVE INSPECTION

Page 2 of 14

Item No.	Component/Assembly Inspected	Equipped	Missing	Damaged	Comments
29	R.S. cab vertical handrails.	✓			
30	R.S. air brake compt. Door & hinges.	✓			
31	R.S. air brake manifold & valves.	✓			
32	R.S. cab steps.	✓			
33	R.S. cab step light.	✓			
34	R.S. #1 truck side bearing & truck hold down.	X			GE truck
35	#1 Traction motor.	✓			
36	#2 Traction motor.	✓			
37	#1 Truck TM plenum boots & rods.	✓			
38	#1 Truck frame serial number.	✓			
39	R.S. #1 truck brake cylinder.	X			Traction brake units - O.K.
40	R.S. #1 truck air piping.	✓			
41	R.S. #1 truck brake cut out valve.	✓			
42	R.S. #1 truck brake levers.	X			
43	R.S. #1 truck brake shoes.	✓			
44	R.S. #1 truck slack adjusters. Type: pin/screw.	X			TPUs
45	R1 & R2 Wheels.	✓			
46	R.S. #1 truck journal bearings & boxes.	✓			
47	R.S. #1 truck journal springs & pads.	✓			
48	R.S. #1 truck pedestal liners.	✓			
49	R.S. #1 truck tie bars.	✓			
50	R.S. #1 truck shock absorbers. Vert., lat., long.	✓			
51	R.S. #1 truck spring plank.	X			
52	R.S. #1 truck spring safety straps.	X			
53	R.S. #1 truck swing hanger.	X			
54	Axle generator, # axle.				
55	R.S. high voltage cables & cleats.				
56	R.S. AEI tag.				
57	R.S. car body side sill.	✓			

LOCOMOTIVE INSPECTION

Page 3 of 14

Owner:	CDOT	Model:	740	Road Number:	841	Date:	2-4-09
Item No.	Component/Assembly Inspected			Equipment	Missing	Damaged	Comments
58	R.S. car body panels.			✓			
59	R.S. barn doors.			✗			
60	R.S. prime mover inertial filter screen.						
61	R.S. D.B. grids & cover.						
62	R.S. radiator shutter screens.			✗			
63	R.S. HEP hatch screens.						
64	Air Dryer.			✓			
65	Air reservoir filters.			✓			
66	Air reservoirs & piping.			✓			
67	R.S. of fuel tank.R.S. fuel fill. Type:						
68	R.S. fuel tank dial gauge. Capacity:			✓			Digital LED not lit
69	R.S. fuel tank sight gladd.	55		✓			Multiple
70	R.S. fuel piping.						
71	#3 Traction motor.			✓			
72	#4 traction motor.			✓			
73	#2 truck TM plenum boots & rods.						
74	#2 truck frame serial number:						
75	R.S. #2 truck brake cylinder.			✗			TBU's
76	R.S. #2 truck air piping.			✓			
77	R.S. #2 truck slack adjusters.						
78	R.S. #2 truck brake levers.			✗			
79	R.S. #2 truck brake shoes.			✓			
80	R.S. #2 truck slack adjusters. Type: pin/screw.			✗			
81	R3 & R4 wheels.			✓			
82	R.S. #2 truck journal bearings & boxes.			✓			
83	R.S. #2 truck journal springs & pads.			✓			
84	R.S. #2 truck pedestal liners.			✓			
85	R.S. #2 truck pedestal tie bars.			✓			
86	R.S. #2 truck shock absorbers. Vert, lat, long.			✓			

LOCOMOTIVE INSPECTION

Owner:	CDOT	Model:	P40	Road Number:	841	Date:	2-4-09
Item No.	Component/Assembly Inspected					Comments	
						Damaged	Missing
						Equipment	Equipped
87	R.S. #2 truck spring plank.	X					
88	R.S. #2 truck spring safety straps.	X					
89	R.S. #2 truck swing hanger.	X					
90	Axle generator, # axle.						
91	R.S. #2 truck side bearing & truck hold down.	X					
92	R.R. #8 vent valve.						
93	R.R. steps.	X					
94	R.R. step light.	X					
95	All R.R. air M.U. piping & valves.	X					
96	R.R. sand nozzle.	X					
97	R.R. sand hose.	X					
98	R.R. sand trap, compartment, & door.	X					
99	R.R. vertical handrails. @ door	X					
100	R.R. flag holder.	X					
101	R.R. end plate.	X					
102	Rear brake pipe hose.	X					
103	All rear M.U. air hoses.	X					
104	R.R. electrical M.U. receptacles.	X					
105	Rear coupler & pocket.	X					
106	Rear cut levers.	X					
107	Rear electrical M.U. jumper hanger.	X					
108	Bottom of rear walkway.	X					
109	Diaphragm buffer plates.					Pads	
110	Rear handrails, stanchions, & safety chain.	X					
111	L.R. end plate.	X					
112	L.R. electrical M.U. receptacles.	X					
113	L.R. steps.	X					
114	L.R. step light.	X					
115	All L.R. air M.U. piping & valves.	X					

LOCOMOTIVE INSPECTION

Page 5 of 14

Owner:	CDOT	Model:	F40	Road Number:	X41	Date:	2-4-09
Item No.	Component/Assembly Inspected						Comments
116	L.R. sand nozzle.	✓					
117	L.R. sand hose.	✓					
118	L.R. sand trap, compartment, & door.	✓					
119	L.R. vertical handrails @ door	✓					
120	L.R. flag holder.	✗					
121	L.S. #2 truck brake cylinder.	✓					TBU ₅
122	L.S. #2 truck air piping.	✓					
123	L.S. #2 truck brake levers.	✗					
124	L.S. #2 truck brake shoes.	✓					
125	L.S. #2 truck slack adjusters. Type: pin/screw.	✗					TBU ₅
126	L3 & L4 wheels.	✓					
127	L.S. #2 truck journal bearings & boxes.	✓					
128	L.S. #2 truck journal springs & pads.	✓					
129	L.S. #2 truck pedestal liners.	✗					
130	L.S. #2 truck pedestal tie bars.	✗					
131	L.S. #2 truck shock absorbers. Vert., lat., long.	✓					
132	L.S. #2 truck spring plank.	✗					
133	L.S. #2 truck spring safety straps.	✗					
134	L.S. #2 truck swing hanger.	✗					
135	Axle generator, # axle.	✗					
136	L.S. #2 truck side bearing & truck hold down.	✗					
137	L.S. high voltage cables & cleats.						
138	L.S. AEI tag.						
139	L.S. car body side sill.	✓					
140	L.S. car body panels.	✓					
141	L.S. barn doors.	✗					
142	L.S. HEP hatch screens.	✗					
143	L.S. radiator shutter screens.						
144	L.S. D.B. grids & cover.						

LOCOMOTIVE INSPECTION

Item No.	Component/Assembly Inspected	Equipped	Missing	Damaged	Comments
145	L.S. prime mover inertial filter screen.	✓			
146	L.S. fuel piping.	✓			
147	L.S. fuel tank.	✓			
148	L.S. fuel fill. Type:	✓			
149	L.S. fuel tank dial gauge. Capacity:			LED Digital Portholes	
150	L.S. fuel tank sight glass.				
151	Battery box, batteries, & doors.	✓			
152	L.S. engine room door steps.	✓			
153	L.S. engine room door step light.	✓			
154	L.S. engine room door vertical handrails.	✓			
155	L.S. engine room door.	✓			
156	L.S. #1 truck brake cylinder.	✓			TBUs
157	L.S. #1 truck air piping.	✓			
158	L.S. #1 truck brake levers.	✓			
159	L.S. #1 truck brake shoes.	✓			
160	L.S. #1 truck slack adjusters. Type: pin/screw.	✓			
161	L1 & L2 wheels.	✓			
162	L.S. #1 truck journal bearings & boxes.	✓			
163	L.S. #1 truck journal springs & pads.	✓			
164	L.S. #1 truck pedestal liners.	✓			
165	L.S. #1 truck pedestal tie bars.	✓			
166	L.S. #1 truck shock absorbers. Vert., lat., long.	✓			
167	L.S. #1 truck spring plank.	✓			
168	L.S. #1 truck spring safety straps.	✓			
169	L.S. #1 truck swing hanger.	✓			
170	Axle generator. # axle.	✓			
171	L.S. #1 truck side bearing & truck hold down.	✓			
172	L.S. cab steps.	✓			
173	L.S. cab step light.	✓			

LOCOMOTIVE INSPECTION

Page 7 of 14

Owner:	CDOT	Model:	720	Road Number:	847	Date:	2-4-09
Item No.	Component/Assembly Inspected	Equipped	Missing	Damaged	Comments		
174	L.S. cab vertical handrails.	✓					
175	L.S. cab door.	✓					
176	L.S. sash window, frame, & weep hole cover.	✓					
177	L.S. armrest.	✗					
178	L.S. flag holder.	✗					
179	L.S. stationary window.	✓	✓				
180	L.S. wind deflector/mirror.	✓					
181	L.S. cab & short nose exterior.	✓					
182	L.S. air brake compartment door & hinges.	✗					
183	L.S. brake manifold & valves.						
184	L.F. #8 vent valve.	✗					
185	L.F. steps.	✗					
186	L.F. step light.	✗					
187	All L.F. air M.U. piping & valves.	✓	✓				
188	L.F. sand nozzle.	✓					
189	L.F. sand hose.	✓					
190	L.F. sand trap, compartment, & door.	✓					
191	L.F. grab irons.	✓					
192	L.F. ATC track receivers & brackets.						
193	Short nose for rust damage.						
194	Front sand box.						
195	Front sander MV.						
196	Ditch light pulser box.						
197	Radio/PA power supply.						
198	Event recorder. Type:						
199	Event Recorder ID plug.						
200	Cab signal box.						
201	Short nose door, latch, & keeper.						
202	Short nose steps & access covers.						

LOCOMOTIVE INSPECTION

Owner:	<u>CDOI</u>	Model:	<u>P40</u> <th>Road Number:</th> <td><u>841</u></td> <th>Date:</th> <td><u>2-4-09</u></td>	Road Number:	<u>841</u>	Date:	<u>2-4-09</u>
Item No.	Component/Assembly Inspected	Equipped	Missing	Damaged	Comments		
203	Cab fire extinguisher. Type:						
204	Workbook holder.						
205	Control stand electrical components.						
206	Control stand air components.						
207	Radio.						
208	PA control head.						
209	Brake handles.						
210	Controller.						
211	Speed indicator. Type:						
212	R.S. main cab heater.						
213	R.S. sidewall heater.						
214	R.S. seat mounting.						
215	R.S. cab wall.						
216	R.S. sash window.						
217	R.S. stationary window.						
218	R.S. cab light.						
219	R.S. cab door.						
220	Front cab wall.						
221	Alerter. Type:						
222	Windshield wiper motors.						
223	Windshield wiper motor covers.						
224	Sun visors. Quantity:						
225	R.S. windshield & frame.						
226	L.S. windshield & frame.						
227	Trashcan & liner.						
228	Tayover heater.						
229	L.S. main cab heater.						
230	Emergency brake valve.						
231	L.S. sidewall heater.						

LOCOMOTIVE INSPECTION

Page 9 of 14

Owner:	CDOT	Model:	P40	Road Number:	841	Date:	2-4-09
Item No.	Component/Assembly Inspected			Comments			
				Equipped	Missing	Damaged	
232	L.S. seat mounting.						
233	L.S. cab wall.						
234	L.S. sash window.						
235	L.S. stationary window.						
236	L.S. cab light.						
237	L.S. cab door.			✓			
238	Alcove.						
239	Fuses/torpedo holder.						
240	Cardholders. Quantity:						
241	Blue card in unit. Yes or No. Date:			✓			
242	First aid kit.						
243	Cab ceiling.						
244	Cab floor.						
245	Trap doors.						
246	HVC exterior.						
247	HBP remote panel.						
248	Engine control panel.				✓		
249	HVC components.				✗		
250	Dash 2 modules.						
251	Cab to engine room door.				✓		
252	Cab to engine room steps.				✓		
253	Fresh air room door.						
254	HVC rear doors.						
255	Fresh air room floor.						
256	Engine intake filters & cage. Type: baffle/paper						
257	R.S. inertial filter.						
258	Inertial blower motor.						
259	L.S. inertial filter.						
260	Inertial filter drains.						

LOCOMOTIVE INSPECTION

Page 10 of 14

Owner:	Model:	Road Number:	Date:
Item No.	Component/Assembly Inspected	Equipment	Comments
261	Aux generator/TM blower.		
262	HVC filter box.		
263	Main generator. Note model & serial numbers.	✓	Model: _____ S/N: _____
264	Fresh air room wall.		
265	Exhaust silencer.	✓	Crack in case - water jacket - freeze damage
266	L.S. of turbocharger.		
267	Lube oil separator.		
268	L.S. after cooler.	✓	
269	Fly wheel.		
270	L.S. flywheel guard.		
271	Engine room fire extinguisher. Type:		
272	L.S. DB cable heat shield.		
273	L.S. engine handhole & top deck covers.	X	
274	L.S. engine internal components.		Water manifold joint and jumper @ L8 cylinder cracked open
275	L.S. engine heat shields.		
276	L.S. engine exhaust manifolds.		
277	L.S. engine steps.	✓	
278	Governor. Note part & serial numbers.		P/N: _____ S/N: _____
279	Lay shaft lever.		
280	Engine protector. Type:		
281	Water pumps.		
282	Main oil pump.		
283	Piston cooling oil pump.		
284	Scavenging oil pump.		
285	Automatic water drain valve.		
286	R.S. radiator shutters.		
287	Engine start station.		
288	Expansion tank water fill.		
289	Expansion tank sight glass.		

LOCOMOTIVE INSPECTION

Page 11 of 14

Owner:	Model:	Road Number:	Date:		
C DOT	B40	841	2-4-09		
Item No.	Component/Assembly Inspected	Equipped	Missing	Damaged	Comments
290	Shutter test valve.				
291	Load regulator.				
292	CCS, MV's, air pressure gauge etc.				
293	A/C cabinet components.				
294	Temperature control box.				
295	Temperature switch manifold.				
296	Temperature switches. Type:				
297	Water piping.	✓			
298	Compressor drive line.	X			
299	Compressor driveline guards.	✓			
300	Air compressor. Note M/R/model/S/N	✓			
301	Prime mover layover water heater.	✓			
302	R.S. HEP compartment door. rear	✓			
303	HEP inertial blower etc.	X			
304	HEP fire extinguisher. Type:				
305	Rear Sander MV.				
306	Rear sand box.	✓			
307	HEP expansion tank.	✓			
308	Rear platform light lens.	✓			
309	Handbrake.	✓			
310	HEP engine. Note model & serial numbers.	✓			
311	HEP alternator. Note model & S/N.	✓			(@ main gen)
312	HEP relay cabinet.				
313	HEP cabinet filter box.				
314	HEP contactor cabinet.				
315	L.S. HEP compartment door.	✓			
316	Prime mover layover water pump.				
317	Primary fuel filter housing.				
318	Lube oil filter housing.				

LOCOMOTIVE INSPECTION

Owner:	Model:	Road Number:	Date:
Item No.	Component/Assembly Inspected	Comments	
319	Oil cooler.		
320	Fuel pump.		
321	Fuel suction strainer housing.		
322	Battery charger.		
323	Fuel pre-heater.		
324	Lube oil strainer housing.		
325	Fuel spin on filters.		
326	Fuel sight glasses.		
327	Prime mover layover lube oil pump.		
328	R.S. engine steps.	✓	
329	R.S. engine handhole & top deck covers.	✗	
330	R.S. engine internal components.		
331	R.S. engine heat shields.	✗	
332	R.S. engine exhaust manifolds		
333	Engine model & serial numbers.	Model: _____ S/N: _____	
334	Lube oil dipstick. Type: Long/Short		
335	Turbo lube pump.		
336	Turbo lube oil filter.		
337	Starter motors.		
338	Starter motor cover.		
339	R.S. of turbocharger. Note model/S/N.	✓	Model: _____ S/N: _____
340	Aux drive.		
341	Auxiliary generator driveline & cover.	✗	
342	Auxiliary generator access covers.		
343	R.S. after cooler.	✓	
344	R.S. flywheel guard.		
345	R.S. DB cable heat shield.		
346	Engine roll bar.		
347	L.S. engine room door.	✗	

LOCOMOTIVE INSPECTION

Page 13 of 14

Owner:	CDOT	Model:	P40	Road Number:	841	Date:	2-4-09
Item No.	Component/Assembly Inspected						
348	End body door.	✓					
349	Rear handrails, stanchions & safety chain.	X					
350	End body ladder.	X					
351	Rear headlights.	✓					
352	Rear marker lights.	✓					
353	Rear sand fill.	✓					
354	HEP expansion tank cover.	X					
355	HEP cooling fan. Number of blades: _____	X					
356	Top of HEP hatch.	X					
357	#2 cooling fan. Number of blades: _____						
358	#1 cooling fan. Number of blades: _____						
359	Top of cooling hatch.						
360	DB blower motor. Number of blades: _____						
361	Top of DB hatch.						
362	Top of exhaust hatch.						
363	Top of inertial hatch.						
364	Top of cab roof.						
365	Radio antenna.						
366	Horn. Number of trumpets: _____						
367	Bell.						
368	Windshield guards.	X					
369	Wiper arms.	✓					
370	Front marker lights.	✓					
371	Front number boards.	✓					
372	Front sand fill.						
373							
374							

LOCOMOTIVE INSPECTION

Page 14 of 14

P40 Road Number 842

Inspection Date: 2-20-2009

■ STV

LOCOMOTIVE INSPECTION

Page 1 of 14

Owner:	Model:	Road Number:	Date:	
Item No.	Component/Assembly Inspected	Equipment Missing	Damaged	Comments
1	Front brake pipe hose.	✓		
2	All other front M.U. air hoses.	✓		
3	L.F. electrical M.U. receptacles.	✓		
4	Plow.	✓		
5	Pilot end plate.	✓		
6	Front coupler & pocket.	✓		
7	Front cut levers.	✓		
8	Front electrical M.U. jumper hanger.	✓		
9	Anti-climber.	✓		
10	Front of the short nose.	✓		
11	Front headlights.	✓		
12	Ditch lights.	✓		
13	R.F. electrical M.U. receptacles.	✓		
14	R.F. corner steps.	✗		
15	R.F. step light.	✗		
16	R.F. ATC track receivers & brackets.	✓		
17	All R.F. air M.U. piping & valves.	✓		
18	R.F. sand nozzle.	✓		
19	R.F. sand hose.	✓		
20	R.F. sand trap, compartment, & door.	✓		
21	R.F. grab irons.	✗		
22	R.S. flag holder.	✗		
23	R.S. stationary window.	✗		
24	R.S. wind deflector/mirror.	✓		
25	R.S. sash window, frame & weep hole cover.	✓		
26	R.S. armrest.	✓		
27	R.S. cab & short nose exterior.	✓		
28	R.S. cab door.	✓		

LOCOMOTIVE INSPECTION

Page 2 of 14

Item No.	Component/Assembly Inspected	Equipment	Missing	Damaged	Comments
29	R.S. cab vertical handrails.				
30	R.S. air brake compt. Door & hinges.				
31	R.S. air brake manifold & valves.				
32	R.S. cab steps.	✓			
33	R.S. cab step light.	✓			
34	R.S. #1 truck side bearing & truck hold down.	X			
35	#1 Traction motor.	✓			
36	#2 Traction motor.	✓			
37	#1 Truck TM plenum boots & rods.	✓			
38	#1 Truck frame serial number.				
39	R.S. #1 truck brake cylinder.	X			750;
40	R.S. #1 truck air piping.	X			
41	R.S. #1 truck brake cut out valve.	✓			
42	R.S. #1 truck brake levers.	X			
43	R.S. #1 truck brake shoes.	✓			
44	R.S. #1 truck slack adjusters. Type: pin/screw.	X			
45	R1 & R2 Wheels.	✓			
46	R.S. #1 truck journal bearings & boxes.	✓			
47	R.S. #1 truck journal springs & pads.	✓			
48	R.S. #1 truck pedestal liners.	X			
49	R.S. #1 truck pedestal tie bars.	X			
50	R.S. #1 truck shock absorbers. Vert., lat., long.	✓			
51	R.S. #1 truck spring plank.	X			
52	R.S. #1 truck spring safety straps.	X			
53	R.S. #1 truck swing hanger.	X			
54	Axle generator, # _____ axle.				Drive center
55	R.S. high voltage cables & cleats.	✓			
56	R.S. AEI tag.	✓			
57	R.S. car body side sill.				

LOCOMOTIVE INSPECTION

Page 3 of 14

Owner:	C.D.T	Model:	P40	Road Number:	842	Date:	2-20-09
Item No.	Component/Assembly Inspected						Comments
58	R.S. car body panels.						
59	R.S. barn doors.	X					
60	R.S. prime mover inertial filter screen.	X					
61	R.S. D.B. grids & cover.	X					
62	R.S. radiator shutter screens.	X					
63	R.S. HEP hatch screens.	X					
64	Air Dryer. L.S.	X					
65	Air reservoir filters.						
66	Air reservoirs & piping.	Y					
67	R.S. of fuel tank.R.S. fuel fill. Type: <i>Snyder</i>	V					
68	R.S. fuel tank dial gauge. Capacity: <i>1000</i>	V					LED not lit
69	R.S. fuel tank sight gauge ports	V					
70	R.S. fuel piping.	X					
71	#3 traction motor.	V					
72	#4 traction motor.	V					
73	#2 truck TM plenum boots & rods.	V					
74	#2 truck frame serial number:						
75	R.S. #2 truck brake cylinder.	X					T80s
76	R.S. #2 truck air piping.	V					
77	R.S. #2 truck brake cut out valve.	V					
78	R.S. #2 truck brake levers.	X					
79	R.S. #2 truck brake shoes.	V					
80	R.S. #2 truck slack adjusters. Type: pin/screw.	X					
81	R3 & R4 wheels.	V					
82	R.S. #2 truck journal bearings & boxes.	V					
83	R.S. #2 truck journal springs & pads.	V					
84	R.S. #2 truck pedestal liners.	X					
85	R.S. #2 truck pedestal tie bars.	X					
86	R.S. #2 truck shock absorbers. Vert., lat., long.	V					

LOCOMOTIVE INSPECTION

Page 4 of 14

2-20

Owner:	Model:	Road Number:	Date:		
<i>C.H.O.T</i>	<i>P40</i>	<i>87A</i>	<i>8-29-09</i>		
Item No.	Component/Assembly Inspected	Equipped	Missing	Damaged	Comments
87	R.S. #2 truck spring plank.	X			
88	R.S. #2 truck spring safety straps.	X			
89	R.S. #2 truck swing hanger.	X			
90	Axle generator, # axle.				
91	R.S. #2 truck side bearing & truck hold down.	X			
92	R.R. #8 vent valve.	X			
93	R.R. steps.	X			
94	R.R. step light.	X			
95	All R.R. air M.U. piping & valves.	X			
96	R.R. sand nozzle.	X			
97	R.R. sand hose.	X			
98	R.R. sand trap, compartment, & door.	X			
99	R.R. vertical handrails.	X			
100	R.R. flag holder.	X			
101	R.R. end plate.	X			
102	Rear brake pipe hose.	X			
103	All rear M.U. air hoses.	X			
104	R.R. electrical M.U. receptacles.	X			
105	Rear coupler & pocket.	X			
106	Rear cut levers.	X			
107	Rear electrical M.U. jumper hanger.	X			
108	Bottom of rear walkway.	X			
109	Diaphragm buffer plates.	X			<i>Pads</i>
110	Rear handrails, stanchions, & safety chain.	X			
111	L.R. end plate.	X			
112	L.R. electrical M.U. receptacles.	X			
113	L.R. steps.	X			
114	L.R. step light.	X			
115	All L.R. air M.U. piping & valves.	X			

LOCOMOTIVE INSPECTION

Page 5 of 14

Owner:	Model:	Road Number:	Date:
Item No.	Component/Assembly Inspected	Comments	
116	L.R. sand nozzle.	✓	
117	L.R. sand hose.	✓	
118	L.R. sand trap, compartment, & door.	✓	
119	L.R. vertical handrails. <i>+ Doc 1</i>	✓	
120	L.R. flag holder.	✗	
121	L.S. #2 truck brake cylinder.	✗	<i>TBC's</i>
122	L.S. #2 truck air piping.	✓	
123	L.S. #2 truck brake levers.	✗	
124	L.S. #2 truck brake shoes.	✓	
125	L.S. #2 truck slack adjusters. Type: pin/screw.	✗	
126	L3 & L4 wheels.	✓	
127	L.S. #2 truck journal bearings & boxes.	✓	
128	L.S. #2 truck journal springs & pads.	✓	
129	L.S. #2 truck pedestal liners.	✗	
130	L.S. #2 truck pedestal tie bars.	✗	
131	L.S. #2 truck shock absorbers. Vert., lat., long.	✓	
132	L.S. #2 truck spring plank.	✗	
133	L.S. #2 truck spring safety straps.	✗	
134	L.S. #2 truck swing hanger.	✗	
135	Axle generator, # axle.	✗	
136	L.S. #2 truck side bearing & truck hold down.	✗	<i>In center</i>
137	L.S. high voltage cables & cleats.	✓	
138	L.S. AEI tag.	✓	
139	L.S. car body side sill.	✓	<i>Good. One repainted front spot</i>
140	L.S. car body panels.	✓	
141	L.S. barn doors.	✗	
142	L.S. HEP hatch screens.	✗	
143	L.S. radiator shutter screens.	✗	
144	L.S. D.B. grids & cover.	✓	

LOCOMOTIVE INSPECTION

Page 6 of 14

Owner:	Model:	Road Number:	Date:
Item No.	Component/Assembly inspected		Comments
145	L.S. prime mover inertial filter screen.	X	
146	L.S. fuel piping.	✓	
147	L.S. fuel tank.	✓	
148	L.S. fuel fill. Type: <i>Synder</i>	✓	
149	L.S. fuel tank dial gauge. Capacity: <i>50 ft</i>	✓	No fit Parts
150	L.S. fuel tank sight glass.	✓	
151	Battery box, batteries, & doors.	✓	
152	L.S. engine room door steps.	✓	
153	L.S. engine room door step light.	✓	
154	L.S. engine room door vertical handrails.	✓	
155	L.S. engine room door.	✓	
156	L.S. #1 truck brake cylinder.	✓	
157	L.S. #1 truck air piping.	✓	
158	L.S. #1 truck brake levers.	✓	
159	L.S. #1 truck brake shoes.	✓	
160	L.S. #1 truck slack adjusters. Type: pin/screw.	✓	Warn
161	L1 & L2 wheels.	✓	
162	L.S. #1 truck journal bearings & boxes.	✓	
163	L.S. #1 truck journal springs & pads.	✓	
164	L.S. #1 truck pedestal liners.	✓	
165	L.S. #1 truck pedestal tie bars.	✓	
166	L.S. #1 truck shock absorbers. Vert., lat., long.	✓	
167	L.S. #1 truck spring plank.	✓	
168	L.S. #1 truck spring safety straps.	✓	
169	L.S. #1 truck swing hanger.	✓	
170	Axle generator. # axle.	✓	
171	L.S. #1 truck side bearing & truck hold down.	✓	
172	L.S. cab steps.	✓	
173	L.S. cab step light.	✓	

LOCOMOTIVE INSPECTION

Page 7 of 14

Owner:	Model:	Road Number:	Date:	
Item No.	Component/Assembly Inspected	Damaged Equipment	Missing Equipment	Comments
174	L.S. cab vertical handrails.	✓		
175	L.S. cab door.	✓		
176	L.S. sash window, frame, & weep hole cover.	✓		
177	L.S. armrest.			
178	L.S. flag holder.	✗		
179	L.S. stationary window.	✓		
180	L.S. wind deflector/mirror.	✓		
181	L.S. cab & front nose exterior.	✓		
182	L.S. air brake compartment door & hinges.	✓		
183	L.S. brake manifold & valves.			
184	L.F. #8 vent valve.	✗		
185	L.F. steps.	✗		
186	L.F. step light.	✗		
187	All L.F. air M.U. piping & valves.	✓		
188	L.F. sand nozzle.	✓		
189	L.F. sand hose.	✓		
190	L.F. sand trap, compartment, & door.	✓		
191	L.F. grab irons.	✗		
192	L.F. ATC track receivers & brackets.	✓		
193	W&K nose for rust damage.	✓		W&K Dent ee lower left ee anti climber
194	Front sand box.			
195	Front sander MV.			
196	Ditch light pulser box.			
197	Radio/PA power supply.			
198	Event recorder. Type:	✗		
199	Event Recorder ID plug.			
200	Cab signal box.			
201	Short nose door, latch, & keeper.	✗		
202	Short nose steps & access covers.	✗		

LOCOMOTIVE INSPECTION

Page 8 of 14

Owner:	Model:	Road Number:	Date:
Item No.	Component/Assembly Inspected		Comments
		Equipped	Damaged Missing
203	Cab fire extinguisher. Type: <u>Halon</u>	✓	
204	Workbook holder.	✓	
205	Control stand electrical components.	✓	
206	Control stand air components.	✓	
207	Radio.	✓	
208	PA control head.	✓	
209	Brake handles.	✓	
210	Controller.	✓	
211	Speed indicator. Type: <u>Digital</u>	X	
212	R.S. main cab heater.	✓	
213	R.S. sidewall heater.	✓	
214	R.S. seat mounting.	✓	
215	R.S. cab wall.	✓	
216	R.S. sash window.	✓	
217	R.S. stationary window.	✓	
218	R.S. cab light.	✓	
219	R.S. cab door.	✓	
220	Front cab wall.	✓	
221	Alerter. Type: <u>Foot switch</u>	✓	
222	Windshield wiper motors.	✓	
223	Windshield wiper motor covers.	✓	
224	Sun visors. Quantity: <u>2</u>	✓	
225	R.S. windshield & frame.	✓	
226	L.S. windshield & frame.	✓	
227	Trashcan & liner.	✓	
228	Layover heater.	✓	
229	L.S. main cab heater.	✓	
230	Emergency brake valve.	✓	
231	L.S. sidewall heater.	✓	

EE9308092X R

LOCOMOTIVE INSPECTION

Page 9 of 14

Owner:	Model:	Road Number:	Date:		
Item No.	Component/Assembly Inspected	Equipped	Missing	Damaged	Comments
232	L.S. seat mounting.	✓	✓		Bellow from Amrest from
233	L.S. cab wall.	✓	✓		
234	L.S. sash window.	✓	✓		
235	L.S. stationary window.	✓	✓		
236	L.S. cab light.	✓	✓		
237	L.S. cab door.	✓	✗		
238	Alcove.	✓	✗		
239	Fuses/torpedo holder.	✗	✓		
240	Cardholders. Quantity:	✓	✓		
241	Blue card in unit. Yes or No. Date:	✓	✓		12-17-08
242	First aid kit.	✓	✓		
243	Cab ceiling.	✓	✓		
244	Cab floor.	✓	✓		
245	Trap doors.	✓	✓		
246	HVC exterior.	✓	✓		
247	HEP remote panel.	✓	✓		
248	Engine control panel.	✓	✓		
249	HVC components.	✓	✓		
250	Dash 2 modules.	✓	✓		
251	Cab to engine room door.	✓	✓		
252	Cab to engine room steps.	✓	✓		
253	Fresh air room door.	✓	✓		
254	HVC rear doors.	✓			
255	Fresh air room floor. Electrical eq. rnm.	✓			
256	Engine intake filters & cage. Type: baggie/paper	✓			
257	R.S. inertial filter.	✓	✗		
258	Inertial blower motor.	✓	✗		
259	L.S. inertial filter.	✓	✗		
260	Inertial filter drains.	✓	✗		

LOCOMOTIVE INSPECTION

Page 10 of 14

Owner:	Model:	Road Number:	Date:
Item No.	Component/Assembly Inspected		Comments
261	Aux generator/TM blower.	X	
262	HVC filter box.	X	
263	Main generator. Note model & serial numbers.	✓	Model: S/N: EEE 930 10X8 R
264	Fresh air room wall.	X	
265	Exhaust silencer.	X	
266	L.S. Of turbocharger.	✓	
267	Lube oil separator.	✓	
268	L.S. after cooler.	✓	
269	Fly wheel.		
270	L.S. flywheel guard.		
271	Engine room fire extinguisher. Type:		
272	L.S. DB cable heat shield.		
273	L.S. engine handhole & top deck covers.	X	
274	L.S. engine heat components.	✓	
275	L.S. engine heat shields.	X	
276	L.S. engine exhaust manifolds.	✓	<i>Oil puddle(s) on floor</i>
277	L.S. engine steps.	✓	S/N: P/N:
278	Governor. Note part & serial numbers.	✓	
279	Lay shaft lever.		
280	Engine protector. Type:		
281	Water pumps.		
282	Main oil pump.		
283	Piston cooling oil pump.		
284	Scavenging oil pump.		
285	Automatic water drain valve.		
286	R.S. radiator shutters.	X	
287	Engine start station.	✓	
288	Expansion tank water fill.		
289	Expansion tank sight glass.		

LOCOMOTIVE INSPECTION

Page 11 of 14

Owner:	Model:	Component/Assembly Inspected	Road Number:	Date:
Item No.			Damaged	Comments
290	Shutter test valve.		Equipped	
291	Load regulator.	✓		
292	CCS, MV's, air pressure gauge etc.	✓		
293	A/C cabinet components.	✓		
294	Temperature control box.			
295	Temperature switch manifold.			
296	Temperature switches. Type:	✓		
297	Water piping.			
298	Compressor drive line.	✗		
299	Compressor driveline guards.	✗		
300	Air compressor. Note MFR/model/S/N		MFR: W.H.C. Model: S/N:	
301	Prime mover layover water heater.			
302	R.S. box compartment door.	✗		
303	HEP inertial blower etc.	✗		
304	HEP fire extinguisher. Type:			
305	Rear Sander MV.			
306	Rear sand box.	✓		
307	HEP expansion tank.	✗		
308	Rear Platform light lens.	✗		
309	Handbrake.	✗		
310	HEP engine. Note model & serial numbers.	✗	Air spring	S/N:
311	HEP alternator. Note model & S/N. ²⁰⁰⁰ ₂₀₀₀ .		Model: S/N:	Model: S/N:
312	HEP relay cabinet.	✗		
313	HEP cabinet filter box.	✗		
314	HEP contactor cabinet.	✗		
315	L.S. box compartment door.	✗		
316	Prime mover layover water pump.			
317	Primary fuel filter housing.			
318	Lube oil filter housing.	✓		

LOCOMOTIVE INSPECTION

Page 12 of 14

Owner:	Model:	Road Number:	Date:
Item No.	Component/Assembly Inspected		Comments
			Damaged
			Missing
			Equipment
319	Oil cooler.	✓	
320	Fuel pump.	✓	
321	Fuel suction strainer housing.		
322	Battery charger.		
323	Fuel pre-heater.		
324	Lube oil strainer housing.	✓	
325	Fuel spin on filters.		
326	Fuel sight glasses.		
327	Prime mover layover lube oil pump.	✓	
328	R.S. engine steps.	✗	
329	R.S. engine handhole & top deck covers.	✗	
330	R.S. engine internal components.	✓	
331	R.S. engine heat shields.	✗	
332	R.S. engine exhaust manifolds	✓	
333	Engine model & serial numbers.		Model: 7FDL16 S/N:
334	Lube oil dipstick. Type: Long/Short		
335	Turbo lube pump.		
336	Turbo lube oil filter.		
337	Starter motors.		
338	Starter motor cover.		
339	R.S. of turbocharger. Note model/S/N.	✓	Model: S/N:
340	Aux drive.	✗	
341	Auxiliary generator driveline & cover.	✗	
342	Auxiliary generator access covers.	✓	
343	R.S. after cooler.		
344	R.S. flywheel guard.		
345	R.S. DB cable heat shield.	✗	
346	Engine roll bar.		
347	L.S. engine room door.	✗	

LOCOMOTIVE INSPECTION

Page 13 of 14

Owner:	CD&T	Model:	F-40	Road Number:	842	Date:	1-14-04
Item No.	Component/Assembly Inspected					Comments	
348	End body door.	✓					
349	Rear handrails, stanchions & safety chain.	✗					
350	End body ladder.	✗					
351	Rear headlights.	✓					
352	Rear marker lights.	✓					
353	Rear sand fill.	✓					
354	HEP expansion tank cover.	✗					
355	HEP cooling fan. Number of blades:	✗					
356	Top of HEP hatch.	✗					
357	#2 cooling fan. Number of blades:	✗					
358	#1 cooling fan. Number of blades:	✗					
359	Top of cooling hatch.						
360	DB blower motor. Number of blades:						
361	Top of DB hatch.						
362	Top of exhaust hatch.						
363	Top of inertial hatch.						
364	Top of cab roof.						
365	Radio antenna.						
366	Horn. Number of trumpets:	✓					
367	Bell.	✓					
368	Windshield guards.	✗					
369	Wiper arms.	✓					
370	Front marker lights.	✓					
371	Front number boards.	✓					
372	Front sand fill.	✓					
373							
374							

LOCOMOTIVE INSPECTION

P40 Road Number 843

Inspection Date: 1-14-2009

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LOCOMOTIVE INSPECTION

Page 1 of 14

Owner:	Model:	Road Number:	Date:		
CDOT		8475	1-14-07		
Item No.	Component/Assembly Inspected	Equipped	Missing	Damaged	Comments
1	Front brake pipe hose.	✓			
2	All other front M.U. air hoses.	✓			
3	L.F. electrical M.U. receptacles.	✓			
4	Plow.	✓			
5	Pilot end plate.	✓			
6	Front coupler & pocket.	✓			
7	Front cut levers.	✓			
8	Front electrical M.U. jumper hangers.	✓			
9	Anti-climber.	✓			
10	Front of the short nose.	✓			
11	Front headlights.	✓			
12	Ditch lights.	✓			
13	R.F. electrical M.U. receptacles.	✓			
14	R.F. corner steps.	✗			
15	R.F. step light.	✗			
16	R.F. ATC track receivers & brackets.	✓			
17	All R.F. air M.U. piping & valves.	✓			
18	R.F. sand nozzle.	✓			
19	R.F. sand hose.	✓			
20	R.F. sand trap, compartment, & door.	✓			
21	R.F. grab irons.	✓			
22	R.S. flag holder.	✗			
23	R.S. stationary window.	✓			
24	R.S. wind deflector/mirror.	✓			
25	R.S. sash window, frame & weep hole cover.	✓			
26	R.S. armrest.	✗			
27	R.S. cab & Short nose exterior.	✓			
28	R.S. cab door.	✓			

LOCOMOTIVE INSPECTION

Owner:	Model:	Road Number:	Date:		
Item No.	Component/Assembly Inspected	Equipped	Missing	Damaged	Comments
29	R.S. cab vertical handrails.	✓			
30	R.S. air brake comp. Door & hinges.	✓			
31	R.S. air brake manifold & valves.	✓			
32	R.S. cab steps.	✓			
33	R.S. cab step light.	✓			
34	R.S. #1 truck side bearing & truck hold down.	X			
35	#1 Traction motor.	✓			
36	#2 Traction motor.	✓			
37	#1 Truck TM plenum boots & rods.	✓			
38	#1 Truck frame serial number.				
39	R.S. #1 truck brake cylinder.	✓			
40	R.S. #1 truck air piping.	✓			
41	R.S. #1 truck brake cut out valve.	✓			
42	R.S. #1 truck brake levers.	✓			
43	R.S. #1 truck brake shoes.	✓			
44	R.S. #1 truck slack adjusters. Type: pin/screw.	X			
45	R1 & R2 Wheels.	✓			
46	R.S. #1 truck journal bearings & boxes.	✓			
47	R.S. #1 truck journal springs & pads.	✓			
48	R.S. #1 truck pedestal liners.	X			
49	R.S. #1 truck pedestal tie bars.	X			
50	R.S. #1 truck shock absorbers. Vert, lat., long.	✓			
51	R.S. #1 truck spring plank.	X			
52	R.S. #1 truck spring safety straps.	X			
53	R.S. #1 truck swing hanger.	✓			
54	Axle generator, # _____ axle.	X			
55	R.S. high voltage cables & cleats.	✓			
56	R.S. AEI tag.	X			
57	R.S. car body side sill.	✓			

LOCOMOTIVE INSPECTION

Page 3 of 14

Owner:	CDOT	Model:	Road Number:	43	Date:
Item No.	Component/Assembly Inspected				Comments
		Equipped	Missing	Damaged	
58	R.S. car body panels.	✓			
59	R.S. bath door.	✓			
60	R.S. prime mover inertial filter screen.	✓			
61	R.S. D.B. grids & cover.	✓			
62	R.S. radiator shutter screens.	✓			
63	R.S. HEP hatch screens.	✗			
64	Air Dryer.	✓			
65	Air reservoir filters.	✓			
66	Air reservoirs & piping.	✓			
67	R.S. of fuel tank R.S. fuel fill. Type: Suyder	✓			
68	R.S. fuel tank dial gauge. Capacity:		✓		
69	R.S. fuel tank sight gladd.	✓			
70	R.S. fuel piping.	✓			
71	#3 Traction motor.	✓			
72	#4 traction motor.	✓			
73	#2 truck plenum boots & rods.	✓			
74	#2 truck frame serial number: F46773				
75	R.S. #2 truck brake cylinder.	✓			
76	R.S. #2 truck air piping.	✓			
77	R.S. #2 truck brake cut out valve.	✓			
78	R.S. #2 truck brake levers.	✗			
79	R.S. #2 truck brake shoes.	✓			
80	R.S. #2 truck slack adjusters. Type: pin/screw.	✗			
81	R3 & R4 wheels.	✓			
82	R.S. #2 truck journal bearings & boxes.	✓			
83	R.S. #2 truck journal springs & pads.	✓			
84	R.S. #2 truck pedestal liners.	✗			
85	R.S. #2 truck pedestal tie bars.	✗			
86	R.S. #2 truck shock absorbers. Vert, lat, long.	✓			

LOCOMOTIVE INSPECTION

Page 4 of 14

Owner:		Road Number:		Date:
Item No.	Component/Assembly Inspected	Damaged Equipment	Missing Equipment	Comments
87	R.S. #2 truck spring plank.	X		
88	R.S. #2 truck spring safety straps.	X		
89	R.S. #2 truck swing hanger.	X		
90	Axle generator, # axle.	X		
91	R.S. #2 truck side bearing & truck hold down.	X		
92	R.R. #8 vent valve.	V		
93	R.R. steps.	V		
94	R.R. step light.	V		
95	All R.R. air M.U. piping & valves.	V		
96	R.R. sand nozzle.	V		
97	R.R. sand hose.	V		
98	R.R. sand trap, compartment, & door.	X		
99	R.R. vertical handrails.	V		
100	R.R. flag holder.	X		
101	R.R. end plate.	V		
102	Rear brake pipe hose.	V		
103	All rear M.U. air hoses.	V		
104	R.R. electrical M.U. receptacles.	V		
105	Rear coupler & pocket.	V		
106	Rear cut levers.	V		
107	Rear electrical M.U. jumper hanger.	X		
108	Bottom of rear walkway.	X		
109	Diaphragm buffer plates.	X		
110	Rear handrails, stanchions, & safety chain.			
111	L.R. end plate.	V		
112	L.R. electrical M.U. receptacles.	V		
113	L.R. steps.	V		
114	L.R. step light.	V		
115	All L.R. air M.U. piping & valves.	V		

LOCOMOTIVE INSPECTION

Page 5 of 14

Owner:	Model:	Road Number:	Date:
Item No.	Component/Assembly Inspected		Comments
		Damaged	
		Missing	
		Equipment	
116	L.R. sand nozzle.	✓	
117	L.R. sand hose.	✓	
118	L.R. sand trap, compartment, & door.	X	
119	L.R. vertical handrails.	✓	
120	L.R. flag holder.	X	
121	L.S. #2 truck brake cylinder.	X	
122	L.S. #2 truck air piping.	✓	
123	L.S. #2 truck brake levers.	X	
124	L.S. #2 truck brake shoes.	✓	
125	L.S. #2 truck slack adjusters. Type: pin/screw.	X	
126	L3 & L4 wheels.	✓	
127	L.S. #2 truck journal bearings & boxes.	✓	
128	L.S. #2 truck journal springs & pads.	✓	
129	L.S. #2 truck pedestal liners.	X	
130	L.S. #2 truck pedestal tie bars.	X	
131	L.S. #2 truck shock absorbers. Vert., lat., long.	✓	
132	L.S. #2 truck spring plank.	X	
133	L.S. #2 truck spring safety straps.	X	
134	L.S. #2 truck swing hanger.	X	
135	Axle generator, # axle.	X	
136	L.S. #2 truck side bearing & truck hold down.	X	
137	L.S. high voltage cables & cleats.	✓	
138	L.S. AEI tag.	X	
139	L.S. car body side sill.	✓	Some rust spots
140	L.S. car body panels.	✓	
141	L.S. barn doors.	X	
142	L.S. HEP hatch screens.	X	
143	L.S. radiator shutter screens.	✓	
144	L.S. D.B. grids & cover.	✓	

LOCOMOTIVE INSPECTION

Page 6 of 14

Owner:	Model:	Road Number:	Date:	Comments		
Item No.	Component/Assembly Inspected	Equipped	Missing	Damaged		
145	L.S. prime mover inertial filter screen.	✓				
146	L.S. fuel piping.	✓				
147	L.S. fuel tank.	✓				
148	L.S. fuel fill. Type: <i>Savoye</i>	✓	✓	LED sun visor		
149	L.S. fuel tank dial gauge. Capacity:	✓	✓			
150	L.S. fuel tank sight glass.	✓				
151	Battery box, batteries, & doors.	✓				
152	L.S. engine room door steps.	✗				
153	L.S. engine room door step light.	✗				
154	L.S. engine room door vertical handrails.	✗				
155	L.S. engine room door.	✗		TBUS		
156	L.S. #1 truck brake cylinder.	✓				
157	L.S. #1 truck air piping.	✓				
158	L.S. #1 truck brake levers.	✗				
159	L.S. #1 truck brake shoes.	✗				
160	L.S. #1 truck slack adjusters. Type: pin/screw.	✗				
161	L1 & L2 wheels.	✓				
162	L.S. #1 truck journal bearings & boxes.	✓				
163	L.S. #1 truck journal springs & pads.	✓				
164	L.S. #1 truck pedestal liners.	✗				
165	L.S. #1 truck pedestal tie bars.	✗				
166	L.S. #1 truck shock absorbers. Vert., lat, long.	✓		L1 vertical shock absorber is an add-on - diff. from all others		
167	L.S. #1 truck spring plank.	✗				
168	L.S. #1 truck spring safety straps.	✗				
169	L.S. #1 truck swing hanger.	✗				
170	Axle Generator. # axle.	✗				
171	L.S. #1 truck side bearing & truck hold down.	✗				
172	L.S. cab steps.	✓				
173	L.S. cab step light.	✓				

LOCOMOTIVE INSPECTION

Page 7 of 14

Owner:	Model:	Road Number:	Date:
Item No.	Component/Assembly Inspected		Comments
174	L.S. cab vertical handrails.	✓	
175	L.S. cab door.	✓	
176	L.S. sash window, frame, & weep hole cover.	✓	
177	L.S. armrest.	✗	
178	L.S. flag holder.	✗	
179	L.S. stationary window.	✓	
180	L.S. wind deflector/mirror.	✓	
181	L.S. cab & short nose exterior.	✓	Dings & rust spots
182	L.S. air brake compartment door & hinges.	✓	
183	L.S. brake manifold & valves.	✓	
184	L.F. #8 vent valve.	✓	
185	L.F. steps.	✗	
186	L.F. step light.	✗	
187	All L.F. air M.U. piping & valves.	✓	
188	L.F. sand nozzle.	✓	
189	L.F. sand hose.	✓	
190	L.F. sand trap, compartment, & door.	✓	
191	L.F. grab irons.	✓	
192	L.F. ATC track receivers & brackets.	✓	Some rust & pitting
193	Short nose for rust damage.	✓	
194	Front sand box.	✓	
195	Front sander MV.		
196	Ditch light plunger box.		
197	Radio/PA power supply.		
198	Event recorder. Type:		
199	Event Recorder ID plug.		
200	Cab signal box.	✓	@ rear
201	Short nose door, latch, & keeper.		
202	Short nose steps & access covers.		

LOCOMOTIVE INSPECTION

Owner:	Model:	Road Number:	Date:
Item No.	Component/Assembly Inspected	Comments	
		Equipped	Damaged Missing
203	Cab fire extinguisher. Type: <u>Compressed N2</u>	✓	
204	Workbook holder.	✓	
205	Control stand electrical components.	✓	
206	Control stand air components.	✓	
207	Radio.	✓	
208	PA control head.	✓	
209	Brake handles.	✓	
210	Controller.	✓	
211	Speed indicator. Type: <u>Screen display</u>	✓	
212	R.S. main cab heater.	✓	
213	R.S. sidewall heater.	✓	
214	R.S. seat mounting.	✓	
215	R.S. cab wall.	✓	
216	R.S. sash window.	✓	
217	R.S. stationary window.	✓	
218	R.S. cab light.	✓	
219	R.S. cab door.	✓	
220	Front cab wall.	✓	<i>Debris worn</i>
221	Alerter. Type: <u>?</u>	✓	<i>Foot depression pedal</i>
222	Windshield wiper motors.	✓	
223	Windshield wiper motor covers.	✗	
224	Sun visors. Quantity: <u>2</u>	✓	
225	R.S. windshield & frame.	✓	
226	L.S. windshield & frame.	✓	
227	Trashcan & liner.	✓	
228	Layover heater.	✓	
229	I.S. main cab heater.	✓	
230	Emergency brake valve.	✓	
231	I.S. sidewall heater.	✓	

LOCOMOTIVE INSPECTION

Page 9 of 14

Owner:	Model:	Road Number:	Date:
Item No.	Component/Assembly Inspected	Comments	
		Equipped	Damaged Missing
232	L.S. seat mounting.	✓	
233	L.S. cab wall.	✓	
234	L.S. sash window.	✓	
235	L.S. stationary window.	✓	
236	L.S. cab light.	✓	
237	L.S. cab door.	✓	
238	Alcove.	✗	
239	Fuses/torpedo holder.	✓	
240	Cardholders. Quantity: 2	✓	
241	Blue card in unit. Yes or No. Date: 12-16-05	✓	
242	First aid kit.	✓	
243	Cab ceiling.	✓	
244	Cab floor.	✓	
245	Trap doors.	✓	
246	HVC exterior.	✗	
247	HEP remote panel.	✓	
248	Engine control panel.	✓	
249	HVC components.	✗	
250	Dash 2 modules.	✗	
251	Cab to engine room door.	✓	
252	Cab to engine room steps.	✓	
253	Fresh air room door.	✓	
254	HVC rear doors.	✓	
255	Fresh air room floor.		
256	Engine intake filters & cage. Type: baffle/paper		
257	R.S. inertial filter.		
258	Inertial blower motor.		
259	L.S. inertial filter.		
260	Inertial filter drains.		

LOCOMOTIVE INSPECTION

Owner:	Model:	Road Number:	Date:
Item No.	Component/Assembly Inspected	Comments	
		Equipped	Damaged
		Missing	
261	Aux generator/TM blower.		
262	HVC filter box.		
263	Main Generator. Note model & serial numbers.	✓	Model: _____ S/N: _____
264	Fresh air room wall.		
265	Exhaust silencer.		L: Side of engine compartment -
266	L.S. of turbocharger.	✓	Cyl & over engine, walls, forward door to HV
267	Lube oil separator.	✓	and esp. floor!
268	L.S. after cooler.	✓	
269	Fly wheel.		
270	L.S. flywheel guard.	✓	
271	Engine room fire extinguisher. Type: <u>A/B C</u>	✓	
272	L.S. DB cable heat shield.		
273	L.S. engine handhole & top deck covers.	X	
274	L.S. engine internal components.	✓	
275	L.S. engine heat shields.	X	
276	L.S. engine exhaust manifolds.	✓	
277	L.S. engine steps.	X	
278	Governor. Note part & serial numbers.	✓	P/N: <u>Woodward</u> <u>100</u> S/N: _____
279	Lay shaft lever.		
280	Engine protector. Type:		
281	Water pumps.		
282	Main oil pump.		
283	Piston cooling oil pump.		
284	Scavenging oil pump.		
285	Automatic water drain valve.		
286	R.S. radiator shutters.		Fixed? @ bottom of rear compartment.
287	Engine start station.	✓	
288	Expansion tank water fill.		
289	Expansion tank sight glass.		

LOCOMOTIVE INSPECTION

Page 11 of 14

Owner:	Model:	Road Number:	Date:	Comments		
Item No.	Component/Assembly Inspected			Bent/bowed	Missing	Damaged
290	Shutter test valve.					
291	Load regulator.					
292	CCS, MV's, air pressure gauge etc.					
293	A/C cabinet components.					
294	Temperature control box.					
295	Temperature switch manifold.					
296	Temperature switches. Type:					
297	Water piping.			✓		
298	Compressor drive line.			X		
299	Compressor driveline guards.			X		
300	Air compressor. Note MFR/model/S/N				Mfr: _____	S/N: _____
301	Prime mover layover water heater.			✓		
302	R.S. HEP compartment door.					
303	HEP inertial blower etc.			X		
304	HEP fire extinguisher. Type: ABC			✓		
305	Rear Sander MV.			X		
306	Rear sand box.			✓		
307	HEP expansion tank.			X		
308	Rear Platform light lens.			✓		
309	Handbrake.			X		Air of brake
310	HEP engine. Note model & serial numbers.				Mfr: _____	S/N: _____
311	HEP alternator. Note model & S/N.				Mfr: _____	S/N: _____
312	HEP relay cabinet.			X		
313	HEP cabinet filter box.			X		
314	HEP contactor cabinet.			X		
315	L.S. HEP compartment door.			✓		
316	Prime mover layover water pump.					
317	Primary fuel filter housing.			✓		
318	Lube oil filter housing.			✓		

LOCOMOTIVE INSPECTION

Page 12 of 14

Owner:	Model:	Road Number:	Date:		
Item No.	Component/Assembly Inspected	Equipped	Damaged	Missing	Comments
319	Oil cooler.				
320	Fuel pump.	✓			
321	Fuel suction strainer housing.				
322	Battery charger.				
323	Fuel pre-heater.				
324	Lube oil strainer housing.	✓			
325	Fuel spin on filters.				
326	Fuel sight glasses.				
327	Prime mover louver lube oil pump.				
328	R.S. engine steps.	✓			
329	R.S. engine handhole & top deck covers.	✗			
330	R.S. engine internal components.	✓			Running
331	R.S. engine heat shields.	✗			
332	R.S. engine exhaust manifolds	✓			
333	Engine model & serial numbers.				
334	Lube oil dipstick. Type: Long/Short				
335	Turbo lube pump.				
336	Turbo lube oil filter.				
337	Starter motors.	✓			
338	Starter motor cover.				
339	R.S. of turbocharger. Note model/S/N.	✓			
340	Aux drive.	✗			
341	Auxiliary generator driveline & cover.	✗			
342	Auxiliary generator access covers.	✗			
343	R.S. after cooler.	✓			
344	R.S. flywheel guard.	✗			
345	R.S. DB cable heat shield.	✗			
346	Engine roll bar.				
347	L.S. engine room door.	✓			

LOCOMOTIVE INSPECTION

Page 13 of 14

Owner:	Model:	Road Number:	Date:
Item No.	Component/Assembly Inspected	Comments	
		Equipped	Damaged Missing
348	End body door.	✓	
349	Rear handrails, stanchions & safety chain.	X	
350	End body ladder.	X	
351	Rear headlights.	✓	
352	Rear marker lights.	✓	
353	Rear sand fill.	✓	
354	HEP expansion tank cover.	X	
355	HEP cooling fan. Number of blades: _____	X	
356	Top of HEP hatch.	X	
357	#2 cooling fan. Number of blades: _____		1 fan
358	#1 cooling fan. Number of blades: _____		
359	Top of cooling hatch.		
360	DB blower motor. Number of blades: _____		
361	Top of DB hatch.		
362	Top of exhaust hatch.		
363	Top of inertial hatch.		
364	Top of cab roof.		
365	Radio antenna.		
366	Horn. Number of trumpets: _____		
367	Bell.		
368	Windshield guards.	X	
369	Wiper arms.	✓	
370	Front marker lights.	✓	
371	Front number boards.	✓	
372	Front sand fill.	✓	
373			
374			

LOCOMOTIVE INSPECTION

GP40 Road Number 6694

Inspection Date: 12-9-2008

■STV

GPH-24

Contract: 2004-CDOT
Road Number: 6627

Inspection Date: 12-9-08

Model: M40PH-3C

S/O Number:

Frame Serial Number:

FROM STV PHILADELPHIA

(FRI) 5.17' 02 10:27 ST. 10:26 NO. 4862246490 P 2

1.	Inspect front brake pipe hose.	O/C
2.	Inspect all other front M.U. air hoses.	O/C
3.	Inspect L.F. electrical M.U. receptacles.	O/C
4.	Inspect plow.	O/C
5.	Inspect front coupler & pocket.	<i>M/F Pocket</i>
6.	Inspect front cut levers.	O/C
7.	Inspect front electrical M.U. jumper bungee.	O/C
8.	Inspect anti-slimber.	O/C
9.	Inspect front of the short nose.	O/C
10.	Inspect front headlights.	O/C
11.	Inspect ditch lights.	O/C
12.	Inspect R.F. electrical M.U. receptacles.	O/C
13.	Inspect R.F. pilot plate.	O/C
14.	Inspect R.F. steps.	O/C
15.	Inspect R.F. step light.	O/C
16.	Inspect R.F. track receivers & brackets.	O/C
17.	Inspect all R.F. air M.U. piping & valves.	O/C
18.	Inspect R.F. hand nozzle.	O/C
19.	Inspect R.F. sand house.	O/C
20.	Inspect R.F. sand trap compartment, & door.	O/C
21.	Inspect R.F. grab iron.	O/C
22.	Inspect R.S. flag holder.	O/C
23.	Inspect R.S. stationary window.	O/C
24.	Inspect R.S. wind deflector/mirror.	<i>M/S/mirror</i>
25.	Inspect R.S. dash window, frame, & weep hole cover.	<i>Cover</i> O/C
26.	Inspect R.S. armrest.	O/C
27.	Inspect R.S. cab & short nose wall.	O/C
28.	Inspect R.S. cab door.	rotated
29.	Inspect R.S. cab vertical handrails.	O/C
30.	Inspect R.S. ABC door & hinges.	O/C
31.	Inspect R.S. ABC air equipment.	O/C
32.	Inspect R.S. cab steps.	O/C
33.	Inspect R.S. cab step light.	O/C
34.	Inspect R.S. # 1 truck side bearing & track hold down.	O/C
35.	Inspect # 1 traction motor.	<i>N/A</i>

Program Manager	MTDQA730	Design Engineer	MBTA Inhouse Inspection
Engineering QA	ATPMDA730	Approved By	L. Boston

Engineering QA	ATPMDA730	Approved By	D. Gobbiola
Engineering QA	ATPMDA730	Approved By	42502 Page 1 of 1

Road Number: 6694

		2/12
36.	Inspect # 2 traction motor.	O/C
37.	Inspect # 1 truck plenum boots & rods.	O/C
38.	# 1 truck frame serial number. 26948	O/C
39.	Inspect R.S. # 1 truck brake cylinder.	O/C
40.	Inspect R.S. # 1 truck air piping.	O/C
41.	Inspect R.S. # 1 truck brake cut out valve.	O/C
42.	Inspect R.S. # 1 truck brake lever.	O/C
43.	Inspect R.S. # 1 truck brake shoes.	O/C
44.	Inspect R.S. # 1 truck slack adjuster. Type: plu/screw.	O/C
45.	Inspect R.S. # 1 truck journal boxes. Type: hyatt/timken.	O/C
46.	Inspect R.S. # 1 truck journal springs & pads.	O/C
47.	Inspect R.S. # 1 truck pedestal liners.	O/C
48.	Inspect R.S. # 1 truck pedestal tie bars.	O/C
49.	Inspect R.S. # 1 truck shock absorbers.	O/C
50.	Inspect R.S. # 1 truck spring plank.	O/C
51.	Inspect R.S. # 1 truck spring safety straps.	O/C
52.	Inspect R.S. # 1 truck swing hanger.	O/C
53.	Inspect R.S. Meg voltage cables & cleat.	O/C
54.	Inspect R.S. AEI tag.	O/C
55.	Inspect R.S. car body side sill.	O/C
56.	Inspect R.S. car body panels.	O/C
57.	Inspect R.S. barn doors.	O/C
58.	Inspect R.S. prime mover inertial filter screen.	O/C
59.	Inspect R.S. D. B. grids & cover.	O/C
60.	Inspect R.S. shutter screens.	O/C
61.	Inspect R.S. HEP hatch screens.	O/C
62.	Inspect air dryer.	O/C
63.	Inspect air reservoir filters. Type: 3181824975	O/C
64.	Inspect air reservoirs & piping.	O/C
65.	Inspect R.S. of fuel tank.	O/C
66.	Inspect R.S. fuel fill. Type: <u>Solar - Houston</u>	O/C
67.	Inspect R.S. fuel tank dial gauge. Capacity:	O/C
68.	Inspect R.S. fuel tank sight glass.	O/C
69.	Inspect R.S. fuel piping.	O/C
70.	Inspect # 3 traction motor.	O/C

Department	Manager	Designation	MFTA Inbound Inspection	Next Due Date	A	B	C
Quality Control	QA	Supervisor	D. Gribble	Apprievable	1. Boston	1. Boston	1. Boston

Road Number: 6694

Line	Description	Condition
71.	Inspect # 4 traction motor.	O/C
72.	Inspect # 2 truck plenum boots & rods.	O/C
73.	# 2 truck frame serial number. <u>26891</u>	O/C
74.	Inspect R.S. # 2 truck brake cylinder.	O/C
75.	Inspect R.S. # 2 truck air piping.	O/C
76.	Inspect R.S. # 2 truck brake cut out valve.	O/C
77.	Inspect R.S. # 2 truck brake levers.	O/C
78.	Inspect R.S. # 2 truck brake shoes.	O/C
79.	Inspect R.S. # 2 truck slack adjusters. Type: pin/screw.	O/C
80.	Inspect R.S. # 2 truck journal boxes. Type: hyatt/linken.	O/C
81.	Inspect R.S. # 2 truck journal springs & pads.	O/C
82.	Inspect R.S. # 2 truck pedestal liners.	O/C
83.	Inspect R.S. # 2 truck pedestal tie bars.	O/C
84.	Inspect R.S. # 2 truck shock absorbers.	cracked bushing S
85.	Inspect R.S. # 2 truck spring plank.	O/C
86.	Inspect R.S. # 2 truck spring safety straps.	O/C
87.	Inspect R.S. # 2 truck swing hanger.	O/C
88.	Inspect R.S. # 2 truck side bearing & truck hold down.	O/C
89.	Inspect R.R. # 8 vent valve.	O/C
90.	Inspect R.R. steps.	O/C
91.	Inspect R.R. step light.	O/C
92.	Inspect all R.R. air M.U. piping & valves.	O/C
93.	Inspect R.R. sand nozzle.	O/C
94.	Inspect R.R. sand hose.	O/C
95.	Inspect R.R. sand trap, compartment, & door.	O/C
96.	Inspect R.R. vertical handrails.	O/C
97.	Inspect R.R. flag holder.	O/C
98.	Inspect R.R. pilot plate.	O/C
99.	Inspect rear brake pipe hose.	O/C
100.	Inspect all other rear M.U. air hoses.	O/C
101.	Inspect R.R. electrical M.U. receptacles.	O/C
102.	Inspect rear coupler & pocket.	O/C
103.	Inspect rear cut levers.	O/C
104.	Inspect rear electrical M.U. jumper hanger.	O/C
105.	Inspect bottom of rear walkway.	O/C

Inspection Category	MP/QA/230	Designator	MBTA Inbound Inspection	Initial Rev.	Final Rev.	Date	Comments
Inspecting Employee	QA	Premier BYX	D. Cabral	A	A	4/25/02	Pipe 38 ST. JUMPER HANGER

Road Number: 6694

106.	Inspect buffer plates.	O/C
107.	Inspect rear handrails, stanchions, & safety chain.	O/C
108.	Inspect L.R. pilot plate.	O/C
109.	Inspect L.R. electrical M.U. receptacle.	O/C
110.	Inspect L.R. steps.	O/C
111.	Inspect L.R. step light.	O/C
112.	Inspect oil L.R. air M.U. piping & valves.	O/C
113.	Inspect L.R. sand nozzle.	O/C
114.	Inspect L.R. sand hose.	O/C
115.	Inspect L.R. sand trap, compartment, & door.	O/C
116.	Inspect L.R. vertical handrails.	O/C
117.	Inspect L.R. flag holder.	O/C
118.	Inspect L.S. # 2 truck brake cylinder.	O/C
119.	Inspect L.S. # 2 truck air piping.	O/C
120.	Inspect L.S. # 2 truck brake lever.	O/C
121.	Inspect L.S. # 2 truck brake shoe.	O/C
122.	Inspect L.S. # 2 truck slack adjusters. Type: pin/screw.	O/C
123.	Inspect L.S. # 2 truck journal boxes. Type: hyatt/itmek.	O/C
124.	Inspect L.S. # 2 truck journal springs & pads.	O/C
125.	Inspect L.S. # 2 truck pedestal liners.	O/C
126.	Inspect L.S. # 2 truck pedestal tie bars.	O/C
127.	Inspect L.S. # 2 truck shock absorbers. <i>ad. cracked bushing,</i>	O/C
128.	Inspect L.S. # 2 truck spring plank.	O/C
129.	Inspect L.S. # 2 truck spring safety straps.	O/C
130.	Inspect L.S. # 2 truck swing hanger.	O/C
131.	Inspect # 2 truck axle generator.	O/C
132.	Inspect L.S. # 2 truck side bearing & truck hold down.	O/C
133.	Inspect L.S. high voltage cables & cleats.	O/C
134.	Inspect L.S. AEI tag.	O/C
135.	Inspect L.S. car body side stiff.	O/C
136.	Inspect L.S. car body panels.	O/C
137.	Inspect L.S. hard doors.	O/C
138.	Inspect L.S. HEP hatch screens.	O/C
139.	Inspect L.S. shutter screens.	O/C
140.	Inspect L.S. D. B. grids & cover.	O/C

Examination No.:	MPD/QA/210	Examination by:	MBTA Inbound Inspection
Prepared by:	QA	Prepared by:	QA
Approved by:	D. Gobio	Approved by:	L. Boston
Date:	4/27/02	Date:	4/27/02

Road Number: 6691

Line No.	Description	Condition
141.	Inspect L.S. prime mover inertial filter screen.	O/C
142.	Inspect L.S. fuel piping.	O/C
143.	Inspect L.S. oil fuel tank.	O/C
144.	Inspect L.S. fuel fill. Type: <u>Gauge</u> / <u>Gauge</u>	O/C
145.	Inspect L.S. fuel tank dial gauge. Capacity: <u>1700</u>	O/C
146.	Inspect L.S. fuel tank sight glass.	O/C
147.	Inspect battery box, batteries, & doors.	O/C
148.	Inspect L.S. engine room door steps.	O/C
149.	Inspect L.S. engine room door step light.	O/C
150.	Inspect L.S. engine room door vertical handrails.	O/C
151.	Inspect L.S. engine room door.	O/C
152.	Inspect L.S. # 1 truck brake cylinder.	O/C
153.	Inspect L.S. # 1 truck air piping.	O/C
154.	Inspect L.S. # 1 truck brake levers.	O/C
155.	Inspect L.S. # 1 truck slack adjusters.	O/C
156.	Inspect L.S. # 1 truck slack adjusters. Type: pin/screw.	O/C
157.	Inspect L.S. # 1 truck journal boxes. Type: hydraulic.	O/C
158.	Inspect L.S. # 1 truck journal springs & pads.	O/C
159.	Inspect L.S. # 1 truck pedestal liners.	O/C
160.	Inspect L.S. # 1 truck pedestal tie bars.	O/C
161.	Inspect L.S. # 1 truck shock absorbers.	<u>Cracked Rubbers</u>
162.	Inspect L.S. # 1 truck spring plank.	O/C
163.	Inspect L.S. # 1 truck spring safety straps.	O/C
164.	Inspect L.S. # 1 truck swing hanger.	O/C
165.	Inspect # 1 truck axle generator.	O/C
166.	Inspect L.S. # 1 truck side bearing & truck hold down.	O/C
167.	Inspect L.S. cab steps.	O/C
168.	Inspect L.S. cab step light.	O/C
169.	Inspect L.S. cab vertical handrails.	O/C
170.	Inspect L.S. cab door.	O/C
171.	Inspect L.S. sash window, frame, & weep hole cover.	<u>one cracked window</u>
172.	Inspect L.S. armrest.	N/C
173.	Inspect L.S. flag holder.	N/C
174.	Inspect L.S. stationary window.	<u>cracked</u>
175.	Inspect L.S. wind deflector/mirror.	<u>missing</u>

Documented by:	MPQ/ADJ	Reviewed by:	KMBTA Inbound inspection
Approved by:	QA	Prepared by:	D. Gabiola
Initials:		Initials:	L. Boston
Date:		Date:	4/25/02

Road Number: 6694

176.	Inspect L.S. cab & short nose wall.	OK							
177.	Inspect L.S. ABC door & hinges.	OK							
178.	Inspect L.S. ABC air equipment.	OK							
179.	Inspect R.F. # 8 vent valve.	OK							
180.	Inspect L.F. steps.	OK							
181.	Inspect L.F. step light.	OK							
182.	Inspect all L.F. air MU piping & valves.	OK							
183.	Inspect L.F. sand nozzle.	OK							
184.	Inspect L.F. sand hose.	OK							
185.	Inspect L.F. sand trap, compartment, & door.	OK							
186.	Inspect L.R. grab irons.	OK							
187.	Inspect L.R. track receivers & brackets.	OK							
188.	Inspect L.F. pilot plate.	OK							
189.	Inspect short nose for rust damage.	OK							
190.	Inspect front sand box.	OK							
191.	Inspect front sander MV.	OK							
192.	Inspect ditch light pulser box.	OK							
193.	Inspect radios power supply.	OK							
194.	Inspect event recorder. Type: P1/S2	—							
195.	Inspect event recorder ID plug.	—							
196.	Inspect cab signal box.	OK							
197.	Inspect short nose door, latch, & keeper.	OK							
198.	Inspect short nose steps & access covers.	OK							
199.	Inspect cab fire extinguisher. Type:	OK							
200.	Inspect workbook holder.	OK							
201.	Inspect control stand electrical components.	OK							
202.	Inspect control stand air components.	OK							
203.	Inspect radio.	OK							
204.	Inspect PA control head.	OK							
205.	Inspect brake handles.								
206.	Inspect controller. Note the part & serial numbers.	S/N:							
207.	Inspect speed indicator. Type: P1/S2	OK							
208.	Inspect R.S. main cab heater.	OK							
209.	Inspect R.S. sidewall heater.	OK							
210.	Inspect R.S. seat rail.	OK							

Submitted by:	MFP/QA/230	Defects:	MBTK Inbound Inspection
QA	Prepared by:	D. Grubbs	L. Baston

Road Number: 669

211.	Inspect R.S. seat & tripod.	O/C
212.	Inspect R.S. cab wall.	O/C
213.	Inspect R.S. dash window.	windows cracked
214.	Inspect R.S. stationary window.	O/C
215.	Inspect R.S. cab light.	O/C
216.	Inspect R.S. cab door.	rotted
217.	Inspect front cab wall.	O/C
218.	Inspect a/c filter. Type: _____	O/C
219.	Inspect windshield wiper motors.	O/C
220.	Inspect windshield wiper motor covers.	O/C
221.	Inspect sun visors. Quantity: _____	O/C
222.	Inspect R.S. windshield & frame.	repaired
223.	Inspect L.S. windshield & frame.	repaired
224.	Inspect trashcan & liner.	O/C
225.	Inspect layover heater.	—
226.	Inspect I.S. main cab heater.	O/C
227.	Inspect emergency brake valve.	O/C
228.	Inspect L.S. sidewall heater.	O/C
229.	Inspect L.S. seat rail.	O/C
230.	Inspect L.S. seat & tripod.	O/C
231.	Inspect L.S. cab wall.	O/C
232.	Inspect L.S. dash window.	O/C
233.	Inspect L.S. stationary window.	O/C
234.	Inspect L.S. cab light.	repaired ok
235.	Inspect L.S. cab door.	rotted
236.	Inspect refrigerator alcove.	N/A
237.	Inspect fuse/terpodo holder.	O/C
238.	Inspect cardholders. Quantity: _____	O/C
239.	Blue card in unit. Yes or No.	O/C
240.	Inspect first aid kit.	—
241.	Inspect cab ceiling.	O/C
242.	Inspect cab floor.	O/C
243.	Inspect trap doors.	O/C
244.	Inspect HVC exterior.	O/C
245.	Inspect HEP remote panel.	O/C

FROM STV PHILADELPHIA

(FRI) 5.17'02 10:30/ST. 10:26/NO. 4862240490 P 9

Road Number: 6495

246.	Inspect engine control panel.	O/C	
247.	Inspect HVC components.	O/C	
248.	Inspect Dash 2 modules.	—	
249.	Inspect cab to engine room door.	O/C	
250.	Inspect cab to engine room steps.	—	
251.	Inspect fresh air room door.	—	
252.	Inspect HVC rear doors.	—	
253.	Inspect fresh air room floor.	—	
254.	Inspect engine intake filters & cage. Type: baffle/paper	O/C	
255.	Inspect R.S. inertial filter.	O/C	
256.	Inspect inertial blower motor.	—	
257.	Inspect L.S. inertial filter.	—	
258.	Inspect inertial filter drains.	—	
259.	Inspect aux generator/tm blower.	O/C	
260.	Inspect HVC filter box.	—	
261.	Inspect main generator. Note model & serial numbers.	Model: _____ S/N: _____ O/C	
262.	Inspect fresh air room wall.	—	
263.	Inspect exhaust silencer.	O/C	
264.	Inspect L.S. of turbocharger.	O/C	
265.	Inspect lube oil separator.	O/C	
266.	Inspect L.S. after cooler.	O/C	
267.	Inspect flywheel.	—	
268.	Inspect L.S. flywheel guard.	O/C	
269.	Inspect engine room fire extinguisher. Type:	O/C	
270.	Inspect R.S. DB cable heat shield.	—	
271.	Inspect L.S. engine handhold & top deck covers.	O/C	
272.	Inspect L.S. engine internal components.	O/C	
273.	Inspect L.S. engine heat shields.	O/C	
274.	Inspect L.S. engine exhaust manifolds.	O/C	
275.	Inspect L.S. engine steps.	O/C	
276.	Inspect governor. Note part & serial numbers.	P/N: _____ S/N: _____ O/C	
277.	Inspect lay shaft lever.	—	
278.	Inspect engine protector. Type:	O/C	
279.	Inspect water pumps.	O/C	
280.	Inspect main oil pump.	O/C	

Responsible Person	MP/Q4/230	Designated MBTA Lab/bound inspection	QA	QA
Prepared By	D. Gashok	Approved By	L. Boston	Reviewed By

Road Number: 129C

282.	Inspect piston cooling oil pump.	O/C
282.	Inspect scavenging oil pump.	O/C
283.	Inspect automatic water drain valve.	-
284.	Inspect R.S. shutters.	O/C
285.	Inspect engine start station.	O/C
286.	Inspect expansion tank water fill.	O/C
287.	Inspect expansion tank sight glass.	O/C
288.	Water treatment. Yes or No.	O/C
289.	Inspect shutter test valve.	-
290.	Inspect load regulator. Type: New or Old	O/C
291.	Inspect CCS, MV's, air pressure gauge etc.	O/C
292.	Inspect A/C cabinet components.	O/C
293.	Inspect temperature control box.	O/C
294.	Inspect temperature switch manifold.	O/C
295.	Inspect temperature switches. Type:	O/C
296.	Inspect water piping.	O/C
297.	Inspect compressor drive belt.	O/C
298.	Inspect compressor driveline guards.	O/C
299.	Inspect air compressor. Note MFR/model/serial number	MFR: Gardner / Model: SN: _____
300.	Inspect prime mover layover water heater.	O/C
301.	Inspect R.S. HEP compartment door.	O/C
302.	Inspect HEP inertial blower etc.	-
303.	Inspect HEP fire extinguisher. Type:	O/C
304.	Inspect rear sander MV.	O/C
305.	Inspect rear sand box.	O/C
306.	Inspect HEP expansion tank.	O/C
307.	Inspect rear platform light lens.	O/C
308.	Inspect handbrake.	O/C
309.	Inspect HEP engine. Note model & serial numbers.	Model: SN: O/C
310.	Inspect HEP alternator. Note model & serial numbers.	Model: SN: O/C
311.	Inspect HEP relay cabinet.	O/C
312.	Inspect HEP cabinet filter box.	O/C
313.	Inspect HEP contactor cabinet.	O/C
314.	Inspect L.S. HEP compartment door.	O/C
315.	Inspect prime mover layover water pump.	O/C

Date Generated	MPQA020	Processor	MBTA Inbound Inspection
Checklist Date	QA	Prepared By	D. Gibbons

Road Number: 6695

316.	Inspect primary fuel filter housing.	O/C
317.	Inspect lube oil filter housing.	O/C
318.	Inspect oil cooler.	O/C
319.	Inspect fuel pump. Motor HP: $\frac{1}{2}$ or $\frac{3}{4}$	O/C
320.	Inspect fuel suction strainer housing.	O/C
321.	Inspect battery charger.	O/C
322.	Inspect fuel pre-heater.	O/C
323.	Inspect lube oil strainer housing.	O/C
324.	Inspect fuel spin on filters.	O/C
325.	Inspect fuel sight glasses.	O/C
326.	Inspect prime mover layover lube oil pump.	O/C
327.	Inspect R.S. engine steps.	O/C
328.	Inspect R.S. engine handhold & top deck covers.	O/C
329.	Inspect R.S. engine internal components.	O/C
330.	Inspect R.S. engine heat shields.	O/C
331.	Inspect R.S. engine exhaust manifolds.	O/C
332.	Note engine model & serial numbers.	Model: S/N: O/C
333.	Inspect lube oil dipstick. Type: long/short	O/C
334.	Oil in engine. Yes or No	X C S
335.	Inspect turbo lube pump. Motor HP: $\frac{1}{2}$ or $\frac{3}{4}$	O/C
336.	Inspect turbo lube oil filter.	C/C
337.	Inspect starter motor. 1 or 2	O/C
338.	Inspect starter motor cover.	O/C
339.	Inspect R.S. of turbocharger. Note model/serial numbers.	Model: S/N: O/C
340.	Inspect aux drive.	O/C
341.	Inspect auxiliary generator driveline & cover.	O/C
342.	Inspect auxiliary generator access covers.	O/C
343.	Inspect L.S. after cooler.	O/C
344.	Inspect L.S. flywheel guard.	O/C
345.	Inspect R.S. DB cable heat shield.	O/C
346.	Inspect engine roll bar.	—
347.	Inspect L.S. engine room door.	O/C
348.	Inspect end body door.	O/C
349.	Inspect rear handrails, stanchions & safety chain.	O/C
350.	Inspect end body ladder.	—

Document Control	MPQWZD	Prepared by	MBTA Inbound Inspection	Prepared by	Comments
QA	D. Gabola	A. Appleyard	L. Boston	4/25/02	Initials

FROM STV PHILADELPHIA

(FRI) 5.17'02 10:31/ST. 10:26/NO. 4862240490 P 12

Road Number: 6694

			OK
351.	Inspect rear headlights.		OK
352.	Inspect rear marker lights.		OK
353.	Inspect rear sand fill.		OK
354.	Inspect HEP expansion tank cover.		OK
355.	Inspect HEP cooling fan. Number of blades:		OK
356.	Inspect top of HEP hatch.		OK
357.	Inspect # 2 cooling fan. Number of blades:	OK	
358.	Inspect # 1 cooling fan. Number of Blades:	OK	
359.	Inspect top of cooling hatch.		OK
360.	Inspect DB blower motor. Number of blades:		OK
361.	Inspect top of DB hatch.		OK
362.	Inspect top of exhaust hatch.		OK
363.	Inspect top of inertial hatch.		OK
364.	Inspect top of crab reef.		OK
365.	Inspect radio antenna.		OK
366.	Inspect horn. Number of trumpet:	clipped trumpet	OK
367.	Inspect bell.	OK	OK
368.	Inspect windshield guards.		OK
369.	Inspect wiper arms.		OK
370.	Inspect front marker lights.		OK
371.	Inspect front number boards.		OK
372.	Inspect front sand fill.		OK

MBTA Inspector Signature:

Department	MP/QA/236	Supervisor	MBTA Inbound Inspection	Date Inspected	4/25/02	A	OK
Inspector	QA	Trained	D. Gobola	Approved	L. Boston	Initials	OK

- 1 Eng Seal Tarnish
 2 Battery box floor rotated out
 3 Battery box doors soft
 4 1/2 side and rear light bracket
 5 Oil filter base intact.
 6 All other engine components fit
 7 Gas doors rotated.
 8 Back Holders broken
 9 Rubber all over reversers

MPI Inspector Signature:

GP40 Road Number 6695

Inspection Date: 12-10-2008

■ STV

FROM CITY PHILADELPHIA

(FRI) 5.17'02 10-27-ST. 10-26; NO. 4862240490 P 2

10/10

Contract: CDOT Model: F40PH-3E S/O Number: 6695Inspection Date: 6/6/95
Frame Serial Number:

1.	Inspect front brake pipe hose.	O/C
2.	Inspect all other front M.U. air hoses.	O/C
3.	Inspect L.F. electrical M.U. receptacles.	O/C
4.	Inspect plow.	O/C
5.	Inspect front coupler & pocket.	O/C
6.	Inspect front cut levers.	O/C
7.	Inspect front electrical M.U. jumper hauger.	O/C
8.	Inspect anti climber.	O/C
9.	Inspect front of the short nose.	O/C
10.	Inspect front headlights.	O/C
11.	Inspect ditch lights.	O/C
12.	Inspect R.F. electrical M.U. receptacles.	O/C
13.	Inspect R.F. pilot plate.	O/C
14.	Inspect R.F. steps.	O/C
15.	Inspect R.F. step light.	O/C
16.	Inspect R.F. track receivers & brackets.	O/K
17.	Inspect all R.F. air M.U. piping & valves.	O/K
18.	Inspect R.F. sand nozzle.	O/C
19.	Inspect R.F. sand hose.	O/K
20.	Inspect R.F. sand trap, compartment, & door.	O/K
21.	Inspect R.F. grab hoses.	O/C
22.	Inspect R.S. flag holder.	O/C
23.	Inspect R.S. stationary window.	rotted
24.	Inspect R.S. wind deflector/mirror.	ext. cracked
25.	Inspect R.S. sash window, frame, & weep hole cover.	O/C
26.	Inspect R.S. armrest.	N/G
27.	Inspect R.S. cab & short nose wall.	O/C
28.	Inspect R.S. cab door.	rotted
29.	Inspect R.S. cab vertical handrails.	O/C
30.	Inspect R.S. ABC door & hinges.	O/C
31.	Inspect R.S. ABC air equipment.	O/C
32.	Inspect R.S. cab steps.	O/C
33.	Inspect R.S. #1 truck side bearing & truck hold down.	O/C
34.	Inspect #1 traction motor.	O/C
35.		O/C

Designated Inspector	MPQA/AM	Designated Inspector	MFTA Inbound Inspection
Quality Dept. QA	Travis B.	D. Gobioia	L. Boston

Road Number: 6695

Task	Description	Condition	Action
36.	Inspect # 2 traction motor.		
37.	Inspect # 1 truck plenum boots & rods.	O/C	
38.	# 1 truck frame serial number: <u>161814460201</u>		
39.	Inspect R.S. # 1 truck brake cylinder.	O/C	
40.	Inspect R.S. # 1 truck air piping.	O/C	
41.	Inspect R.S. # 1 truck brake cut out valve.	O/C	
42.	Inspect R.S. # 1 truck Brake levers.	O/C	
43.	Inspect R.S. # 1 truck brake shoes.	O/C	
44.	Inspect R.S. # 1 truck slack adjusters. Type: pins/screw.	O/C	
45.	Inspect R.S. # 1 truck journal bores. Type: hyalt/finken.	O/C	
46.	Inspect R.S. # 1 truck journal springs & pads.	O/C	
47.	Inspect R.S. # 1 truck pedestal liners.	O/C	
48.	Inspect R.S. # 1 truck pedestal tie bars.	O/C	
49.	Inspect R.S. # 1 truck shock absorbers.	O/C cracked rubbers	
50.	Inspect R.S. # 1 truck spring plank.	O/C	
51.	Inspect R.S. # 1 truck spring safety straps.	O/C	
52.	Inspect R.S. # 1 truck swing hanger.	O/C	
53.	Inspect R.S. high voltage cables & cleats.	O/C	
54.	Inspect R.S. A/E tag.	O/C	
55.	Inspect R.S. car body side sill.	O/C	
56.	Inspect R.S. car body panels.	O/C	
57.	Inspect R.S. barn doors.	O/C	
58.	Inspect R.S. prime mover inertial filter screen.	O/C	
59.	Inspect R.S. D. R. grids & cover.	O/C	
60.	Inspect R.S. shutter screens.	O/C	
61.	Inspect R.S. HEP hatch screens.	O/C	
62.	Inspect air dryer.	O/C	
63.	Inspect air reservoir filters. Type: 818824975	O/C	
64.	Inspect air reservoirs & piping.	O/C	
65.	Inspect R.S. oil fuel tank.	O/C	
66.	Inspect R.S. fuel filter. Type: <u>Synthetic / Kerosene</u>	O/C	
67.	Inspect R.S. fuel tank dial gauge. Capacity: <u>600</u>	O/C	
68.	Inspect R.S. fuel tank sight glass.	O/C	
69.	Inspect R.S. fuel piping.	O/C	
70.	Inspect # 3 traction motor.	O/C	

Examination Date:	MPQA210	Examination Month:	May	Examination Year:	A
Initials:	Q.A.	Prepared By:	D. O'Brien	Approved By:	L. Boston
Date:	4/25/02	Signature:		Date:	4/25/02

FROM STV PHILADELPHIA

(FRI) 5.17'02 10:28/ST. 10:26/NO. 4362240490 P 4

Road Number: 6295

71.	Inspect #4 traction motor.	OK
72.	Inspect #2 truck plenum boots & rods.	OK
73.	#2 truck frame serial number. 141121460207	OK
74.	Inspect R.S. #2 truck brake cylinder.	OK
75.	Inspect R.S. #2 truck air piping.	OK
76.	Inspect R.S. #2 truck brake cut out valve.	OK
77.	Inspect R.S. #2 truck brake levers.	OK
78.	Inspect R.S. #2 truck brake shoes.	OK
79.	Inspect R.S. #2 truck slack adjusters. Type: pin/screw.	OK
80.	Inspect R.S. #2 truck journal boxes. Type: hyatt/limkin.	OK
81.	Inspect R.S. #2 truck journal springs & pads.	OK
82.	Inspect R.S. #2 truck pedestal liners.	OK
83.	Inspect R.S. #2 truck pedestal tie bars.	OK
84.	Inspect R.S. #2 truck shock absorbers.	OK
85.	Inspect R.S. #2 truck spring plank.	OK
86.	Inspect R.S. #2 truck spring safety straps.	OK
87.	Inspect R.S. #2 truck sway hanger.	OK
88.	Inspect R.S. #2 truck side bearing & truck hold down.	OK
89.	Inspect R.R. #8 vent valve.	OK
90.	Inspect R.R. steps.	OK
91.	Inspect all R.R. air M.U. piping & valves.	OK
92.	Inspect all R.R. air M.U. piping & valves.	OK
93.	Inspect R.R. sand nozzle.	OK
94.	Inspect R.R. sand hose.	rusted
95.	Inspect R.R. sand trap, compartment, & door.	OK
96.	Inspect R.R. vertical handrails.	OK
97.	Inspect R.R. flag holder.	OK
98.	Inspect R.R. pilot plate.	OK
99.	Inspect rear brake pipe hose.	OK
100.	Inspect all other rear M.U. air hoses.	OK
101.	Inspect R.R. electrical M.U. receptacles.	OK
102.	Inspect rear coupler & pocket.	OK
103.	Inspect rear cut levers.	OK
104.	Inspect rear electrical M.U. jumper hanger.	OK
105.	Inspect bottom of rear walkway.	OK

Dispatcher	MP/QA/230	Designated MTA Insured Inspection	STV, RGT, NGA A
Receiving P.P.	QA	Prepared by D. Gabriele	Approved by Boston 4/25/02 P.A. 5/17/02

Road Number: 6695

106.	Inspect buffer plates.	OK
107.	Inspect rear handrails, stanchions, & safety chain.	OK
108.	Inspect L.R. pilot plate.	OK
109.	Inspect L.R. electrical M.U. receptacles.	OK
110.	Inspect L.R. steps.	OK
111.	Inspect L.R. step light.	OK
112.	Inspect all L.R. air M.U. piping & valves.	OK
113.	Inspect L.R. sand nozzle.	OK
114.	Inspect L.R. sand hose.	OK
115.	Inspect L.R. sand trap, compartment, & door. rustied	OK
116.	Inspect L.R. vertical handrails.	OK
117.	Inspect L.R. flag holder.	OK
118.	Inspect L.S. # 2 truck brake cylinder.	OK
119.	Inspect L.S. # 2 truck air piping.	OK
120.	Inspect L.S. # 2 truck brake lever.	OK
121.	Inspect L.S. # 2 truck brake shoes.	OK
122.	Inspect L.S. # 2 truck slack adjusters. Type: phm/screw.	OK
123.	Inspect L.S. # 2 truck journal boxes. Type: hyatt/Imken.	OK
124.	Inspect L.S. # 2 truck journal springs & pads.	OK
125.	Inspect L.S. # 2 truck pedestal liners.	OK
126.	Inspect L.S. # 2 truck pedestal tie bars.	OK
127.	Inspect L.S. # 2 truck shock absorbers. <u> check for bushings</u>	OK
128.	Inspect L.S. # 2 truck spring plank.	OK
129.	Inspect L.S. # 2 truck spring safety straps.	OK
130.	Inspect L.S. # 2 truck swing hauger.	OK
131.	Inspect # 2 truck axle generator.	OK
132.	Inspect L.S. # 2 truck side bearing & truck hold down.	OK
133.	Inspect L.S. high voltage cables & cleats.	OK
134.	Inspect L.S. AEI tag.	OK
135.	Inspect L.S. car body side sill.	OK
136.	Inspect L.S. car body panels.	OK
137.	Inspect L.S. barn doors.	OK
138.	Inspect L.S. HEP hatch screens.	OK
139.	Inspect L.S. shutter screens.	OK
140.	Inspect L.S. D. B. grills & cover.	OK

Department	MPQAZ210	Department	MPQAZ210
Inspection Dept	QA	Inspection Dept	D. Gabilio

Road Number: 6695

Item	Description	Condition
141.	Inspect L.S. prime mover inertial filter screen.	O/C
142.	Inspect L.S. fuel piping.	O/C
143.	Inspect L.S. of fuel tank.	O/C
144.	Inspect L.S. fuel fil. Type: <u>Solex</u> <u>Gage by</u>	O/C
145.	Inspect L.S. fuel tank dial gauge. Capacity: <u>7000</u>	O/C
146.	Inspect L.S. fuel tank sight glass.	O/C
147.	Inspect battery box, batteries, & doors.	RETESTED
148.	Inspect L.S. engine room door steps.	O/C
149.	Inspect L.S. engine room door step light.	O/C
150.	Inspect L.S. engine room door vertical handrails.	O/C
151.	Inspect L.S. engine room door.	O/C
152.	Inspect L.S. # 1 truck brake cylinder.	O/C
153.	Inspect L.S. # 1 truck air piping.	O/C
154.	Inspect L.S. # 1 truck brake levers.	O/C
155.	Inspect L.S. # 1 truck brake shoes.	O/C
156.	Inspect L.S. # 1 truck slack adjusters. Type: pin/screw.	O/C
157.	Inspect L.S. # 1 truck journal boxes. Type: hyatt/timken.	O/C
158.	Inspect L.S. # 1 truck journal springs & pads.	O/C
159.	Inspect L.S. # 1 truck pedestal liners.	O/C
160.	Inspect L.S. # 1 truck pedestal tie bars.	O/C
161.	Inspect L.S. # 1 truck shock absorbers.	O/C
162.	Inspect L.S. # 1 truck spring blank.	O/C
163.	Inspect L.S. # 1 truck spring safety straps.	O/C
164.	Inspect L.S. # 1 truck swing hanger.	O/C
165.	Inspect # 1 truck axle generator.	O/C
166.	Inspect L.S. # 1 truck side bearing & truck hold down.	O/C
167.	Inspect L.S. cab steps.	O/C
168.	Inspect L.S. cab step light.	O/C
169.	Inspect L.S. cab vertical handrails.	RETESTED
170.	Inspect L.S. cab door.	O/C
171.	Inspect L.S. dash window, frame, & weep hole cover.	N/G
172.	Inspect L.S. armrest.	O/C
173.	Inspect L.S. flag holder.	O/C
174.	Inspect L.S. stationary window.	O/C
175.	Inspect L.S. wind deflector/mirror.	MISSING

Document ID	MPQA/210	Designation	MBTA Inbound Inspection	Location	A	B	C
176	QA	Prepared By D. O'Neill	Approved By L. Boston	Initials Preparer D. O'Neill	Initials Approver L. Boston	Initials Approver D. O'Neill	Initials Approver L. Boston

FROM STV PHILADELPHIA

(FRI) 5.17'02 10:29 ST. 10:26 NO. 4862240430 P 7

Road Number: 6695

176.	Inspect L.S. cab & short nose wall.	O/C	
177.	Inspect L.S. ABC door & hinges.	O/C	
178.	Inspect L.S. ABC air equipment.	O/C	
179.	Inspect R.F. # 8 vent valve.	O/C	
180.	Inspect L.F. steps.	O/C	
181.	Inspect L.F. step light.	O/C	
182.	Inspect all L.F. air MU piping & valves.	O/C	
183.	Inspect L.F. sand nozzle.	O/C	
184.	Inspect L.F. sand hose.	O/C	
185.	Inspect L.F. sand trap compartment, & door. rusted	O/C	
186.	Inspect L.R. grab irons.	O/C	
187.	Inspect L.F. track receivers & brackets.	O/C	
188.	Inspect L.F. pilot plate.	O/C	
189.	Inspect short nose for rust damage.	O/C	
190.	Inspect front sand box.	O/C	
191.	Inspect front sander MV.	O/C	
192.	Inspect ditch light pulser box.	O/C	
193.	Inspect radio/pa power supply.	O/C	
194.	Inspect event recorder. Type: _____	O/C	
195.	Inspect event recorder ID plug.	O/C	
196.	Inspect cab signal box.	O/C	
197.	Inspect short nose door, latch, & keeper.	O/C	
198.	Inspect short nose steps & access covers.	O/C	
199.	Inspect cab fire extinguisher. Type: _____	O/C	
200.	Inspect workbook holder.	O/C	
201.	Inspect control stand electrical components.	O/C	
202.	Inspect control stand air components.	O/C	
203.	Inspect radio.	O/C	
204.	Inspect PA control head.	O/C	
205.	Inspect brake handles.	O/C	
206.	Inspect controller. Note the part & serial numbers.	S/N: _____ P/N: _____	O/C
207.	Inspect speed indicator. Type: _____	_____	
208.	Inspect R.S. main cab heater.	O/C	
209.	Inspect R.S. sidewall heater.	O/C	
210.	Inspect R.S. seat rail.	O/C	

Designation	Model	Specification	MBTA Inbound Inspection	MBTA Outbound Inspection	Notes
Front Left Wheel	QA	Pilot Equipment	D. Giobbi	L. Bratton	475502

Road Number: 6695

Item	Description	Condition	Notes
211.	Inspect R.S. seat & tripod.	O/C	
212.	Inspect R.S. cab wall.	O/C	
213.	Inspect R.S. seat window.	O/C	
214.	Inspect R.S. stationary window.	O/C	
215.	Inspect R.S. cab light.	O/C	
216.	Inspect R.S. cab door.	O/C	
217.	Inspect front cab wall.	O/C	
218.	Inspect steering. Type: <u>D/E4</u>	O/C	
219.	Inspect windshield wiper motors.	O/C	
220.	Inspect windshield wiper motor covers.	O/C	
221.	Inspect sun visors. Quantity:	O/C	
222.	Inspect R.S. windshield & frame.	O/C	
223.	Inspect L.S. windshield & frame.	O/C	
224.	Inspect trashcan & liner.	O/C	
225.	Inspect layover heater.	O/C	
226.	Inspect L.S. main cab heater.	O/C	
227.	Inspect emergency brake valve.	O/C	
228.	Inspect L.S. sidewall heater.	O/C	
229.	Inspect L.S. seat rail.	O/C	
230.	Inspect L.S. seat & tripod.	O/C	
231.	Inspect L.S. cab wall.	O/C	
232.	Inspect L.S. seat window.	O/C	
233.	Inspect L.S. stationary window.	O/C	
234.	Inspect L.S. cab light.	O/C	
235.	Inspect L.S. cab door.	O/C	
236.	Inspect refrigerator above.	O/C	
237.	Inspect fuse/forpedo holder.	O/C	
238.	Inspect cardholders. Quantity:	O/C	
239.	Blue card in unit. Yes or No.	O/C	
240.	Inspect first aid kit.	O/C	
241.	Inspect cab ceiling.	O/C	
242.	Inspect cab floor.	O/C	
243.	Inspect trap doors.	O/C	
244.	Inspect HVAC exterior.	O/C	
245.	Inspect HEP remote panel.	O/C	

Responsible	MTQA/730	Delegated	MTA Inbound Inspection
Engineering Duty	QA	Inspector	D. Gabion

FROM 9 TV PHILADELPHIA

(FRI) 5.17'02 10:30'ST. 10:26/NO. 4862240490 P 9

Road Number: 6695

Line	Description	Model:	S/N:	AC
246.	Inspect engine control panel.			C/C
247.	Inspect HVC components.			C/C
248.	Inspect Dash 2 modules.			—
249.	Inspect cab to engine room door.			C/C
250.	Inspect cab to engine room steps.			C/C
251.	Inspect fresh air room door.			—
252.	Inspect HVC rear doors.			—
253.	Inspect fresh air room floor.			—
254.	Inspect engine intake filters & cage. Type: baffle/paper			C/C
255.	Inspect R.S. inertial filter.			—
256.	Inspect inertial blower motor.			C/C
257.	Inspect L.S. inertial filter.			—
258.	Inspect inertial filter drains.			—
259.	Inspect aux generator/in blower.			C/C
260.	Inspect HVC filter box.			—
261.	Inspect main generator. Note model & serial numbers.			—
162.	Inspect fresh air room wall.			—
263.	Inspect exhaust silencer.			C/C
264.	Inspect L.S. of turbocharger.			C/C
265.	Inspect lube oil separator.			C/C
266.	Inspect L.S. after cooler.			C/C
267.	Inspect flywheel.			—
268.	Inspect L.S. flywheel guard.			C/C
269.	Inspect engine room fire extinguisher. Type: _____			C/C
170.	Inspect R.S. DB cable heat shield.			—
271.	Inspect L.S. engine handheld & top deck covers.			replace gaskets
272.	Inspect L.S. engine internal components.			—
273.	Inspect L.S. engine heat shields.			C/C
274.	Inspect L.S. engine exhaust manifolds.			C/C
275.	Inspect L.S. engine steps.			C/C
276.	Inspect governor. Note part & serial numbers.			P/N: S402110 S/N: 1609087
277.	Inspect key shaft lever.			—
278.	Inspect engine protector. Type: _____			C/C
279.	Inspect water pump.			C/C
280.	Inspect main oil pump.			C/C

Inspect	Model	MPN/M230	Destination	MFTA Lab/bound Inspection	Prepared by	Appraiser	Receives A	Receives B
Initial	QA		D. Giakoum	L. Bouton	R. D. Hartman		425502	PA 2000-0000000000000000

FROM 6 TV PHILADELPHIA

(FRI) 5.17'02 10:30/ST. 10:26/NO. 4862240490 P 10

Road Number: 6625

182.	Inspect piston cooling oil pump.	O/C	
182.	Inspect scavenging oil pump.	O/C	
183.	Inspect automatic water drain valve.	O/C	
284.	Inspect R.S. shifter.	Bolt missing	
285.	Inspect engine start station.	O/C	
286.	Inspect expansion tank water fill.	O/C	
287.	Inspect expansion tank sight glass.	O/C	
288.	Water treatment, Yes or No.	Yes	
289.	Inspect shutter test valve.	—	
290.	Inspect load regulator. Type: New or Old	O/C	
291.	Inspect CCS, MV's, air pressure gauge etc.	O/C	
292.	Inspect A/C cabinet components.	O/C	
293.	Inspect temperature control box.	—	
294.	Inspect temperature switch manifold.	—	
295.	Inspect temperature switches. Type:	—	
296.	Inspect water piping.	O/C	
297.	Inspect compressor drive flye.	O/C	
198.	Inspect compressor drive line guards.	O/C	
199.	Inspect air compressor. Note MFR/model/serial number	MFR: Gardner Denver Model: SN: Q2	
300.	Inspect prime mover layover water heater.	O/C	
301.	Inspect R.S. HEP compartment door.	O/C	
302.	Inspect HEP inertial blower etc.	—	
303.	Inspect HEP fire extinguisher. Type:	O/C	
304.	Inspect rear sander MV.	O/C	
305.	Inspect rear sand box.	• O/C	
306.	Inspect HEP expansion tank.	O/C	
307.	Inspect rear platform light lens.	O/C	
308.	Inspect handbrake.	O/C	
309.	Inspect HEP engine. Note model & serial numbers.	Model: SN: O/C	
310.	Inspect HEP alternator. Note model & serial numbers.	Model: SN: O/C	
311.	Inspect HEP relay cabinet.	O/C	
312.	Inspect HEP cabinet filter box.	O/C	
313.	Inspect HEP contactor cabinet.	O/C	
314.	Inspect L.S. HEP compartment door.	O/C	
315.	Inspect prime mover layover water pump.	O/C	

Document Name	AP/QA210	Designation	MBTA Inbound Inspection
Test Sheet Name	QA	Prepared By	D. Gaskins

FROM STV PHILADELPHIA

(FRI) 5.17'02 10:30/ST. 10:26/NO. 4862240490 P 11

Road Number: 6695

316.	Inspect primary fuel filter housing.	O/C
317.	Inspect lube oil filter housing.	O/C
318.	Inspect air cooler.	O/C
319.	Inspect fuel pump. Motor HP: $\frac{1}{2}$ or $\frac{3}{4}$	O/C
320.	Inspect fuel suction strainer housing.	O/C
321.	Inspect battery charger.	O/C
322.	Inspect fuel pre-heater.	O/C
323.	Inspect lube oil strainer housing.	O/C
324.	Inspect fuel spin on filter.	O/C
325.	Inspect fuel sight glasses.	O/C
326.	Inspect prime mover layover lube oil pump.	O/C
327.	Inspect R.S. engine steps.	O/C
328.	Inspect R.S. engine handhold & top deck covers.	O/C
329.	Inspect R.S. engine internal components.	O/C
330.	Inspect R.S. engine heat shields.	O/C
331.	Inspect R.S. engine exhaust manifolds.	Model: S/N: 75211098
332.	Note engine model & serial numbers.	O/C
333.	Inspect lube oil dipstick. Type: long/short	O/C
334.	Oil in engine. Yes or No	YES
335.	Inspect turbo lube pump. Motor HP: $\frac{1}{2}$ or $\frac{3}{4}$	O/C
336.	Inspect turbo lube oil filter.	O/C
337.	Inspect starter motors. 1 or 2	O/C
338.	Inspect starter motor cover.	O/C
339.	Inspect R.S. of turbocharger. Note model/serial numbers.	Model: S/N: O/C
340.	Inspect aux drive.	O/C
341.	Inspect auxiliary generator driveline & cover.	O/C
342.	Inspect auxiliary generator access covers.	O/C
343.	Inspect L.S. after cooler.	O/C
344.	Inspect L.S. flywheel guard.	O/C
345.	Inspect R.S. DB cable heat shield.	O/C
346.	Inspect engine roll bar.	—
347.	Inspect L.S. engine room door.	O/C
348.	Inspect end body door.	O/C
349.	Inspect rear handrails, stanchions & safety chain.	O/C
350.	Inspect end body ladder.	O/C

Department	MPQ/V20	Description	MFTA Inbound Inspection
Quality Control QA	Prepared by D. Gabiou	Approved by L. Boston	Signature A 4/25/02

FROM STV PHILADELPHIA

(FRI) 5.17'02 10:31/ST. 10:26/NO. 4862240490 P 12

Road Number: 6686

Item #	Description	OK
351.	Inspect rear headlights.	OK
352.	Inspect rear marker lights.	OK
353.	Inspect rear sand fill.	OK
354.	Inspect HEP expansion tank cover.	OK
355.	Inspect HEP cooling fan. Number of blades:	OK
356.	Inspect top of HEP hatch.	OK
357.	Inspect # 2 cooling fan. Number of blades:	OK
358.	Inspect # 1 cooling fan. Number of Blades:	OK
359.	Inspect top of cooling hatch.	—
360.	Inspect DB blower motor. Number of blades:	OK
361.	Inspect top of DB hatch.	OK
362.	Inspect top of exhaust hatch.	OK
363.	Inspect top of inertial hatch.	OK
364.	Inspect top of cab roof.	OK
365.	Inspect radio antenna.	—
366.	Inspect horn. Number of trumpets:	cracked, clipped trumpet
367.	Inspect bell.	OK
368.	Inspect windshield guards.	OK
369.	Inspect wiper arms.	OK
370.	Inspect front marker lights.	OK
371.	Inspect front number boards.	All eliminated
372.	Inspect front sand fill.	OK

Item #	Description	OK
1	Cab door gasket's tight.	OK
2	Bill Sound speaker/cab locks n/a	OK
3	Brake master cylinder rod rod joints	OK
4	Battery box floor's not good	OK
5	Catwalk steps have cracked bushings	OK
6	Enginier's front window not T/C	OK
7	Excessive grease around front R/H elliptical	OK
8	Springs	OK
9	Engine Room Covered up by oil!	OK
10	Front end drivelines in front of Feng. near Sun/	OK

MPI Inspector Signature:

MBTA Inspector Signature:

Inspector Name	MPI QA 236	Inspector Name	MBTA Inspector
Signature	QA	Signature	D. Gattola

Date: 5/17/02

Time: 10:31 AM

Location: Boston

Comments:

GP40 Road Number 6696

Inspection Date: 2-27-2009

■STV

LOCOMOTIVE INSPECTION

SP440-24

Page 1 of 14

Owner:	CDOT	Model:	SP440-24	Road Number:	6696	Date:	2-27-07
Item No.	Component/Assembly Inspected						
		Equipped	Missing	Damaged			Comments
1	Front brake pipe hose.	✓					
2	All other front M.U. air hoses.	✓					
3	L.F. electrical M.U. receptacles.	✓					
4	Plow.	✓					
5	Pilot end plate.	✓					
6	Front coupler & pocket.	✓					
7	Front cut levers.	✓					
8	Front electrical M.U. jumper hanger.	✓					
9	Anti-climber.	✓					
10	Front of the short nose.	✓					
11	Front headlights.	✓					
12	Ditch lights.	✓					
13	R.F. electrical M.U. receptacles.	✓					
14	R.F. corner steps.	✓					
15	R.F. step light.	✓					
16	R.F. ATC track receivers & brackets.	✓					
17	All R.F. air M.U. piping & valves.	✓					
18	R.F. sand nozzle.	✓					
19	R.F. sand hose.	✓					
20	R.F. sand trap, compartment, & door.	✓					
21	R.F. grab irons.	✓					
22	R.S. flag holder.						
23	R.S. stationary window.	✓					
24	R.S. wind deflector/mirror.		✓				
25	R.S. sash window, frame & weep hole cover.	✓					
26	R.S. armrest.	✓					
27	R.S. cab & short nose exterior.	✓					Rusted @ bottom of battery box
28	R.S. cab door.	✓					Rusted @ bottom

LOCOMOTIVE INSPECTION

Page 2 of 14

Owner:	Model:	Road Number:	Date:		
C-NOT	GEAC-2E	6696	2-27-09		
Item No.	Component/Assembly Inspected	Equipped	Missing	Damaged	Comments
29	R.S. cab vertical handrails.	✓			
30	R.S. air brake comp. Door & hinges.	✓			
31	R.S. air brake manifold & valves.				
32	R.S. cab steps. <i>2 forward</i>				
33	R.S. cab step light. <i>1</i>				
34	R.S. #1 truck side bearing & truck hold down.	✓			
35	#1 Traction motor.	✓			
36	#2 Traction motor.	✓			
37	#1 Truck TM plenum boots & rods.	✓			
38	#1 Truck frame serial number. <i>665</i>	✓			
39	R.S. #1 truck brake cylinder.	✓			
40	R.S. #1 truck air piping.	✓			
41	R.S. #1 truck brake cut out valve.	✓			
42	R.S. #1 truck brake levers.	✓			
43	R.S. #1 truck brake shoes.	✓			
44	R.S. #1 truck slack adjusters. Type <i>rip</i> /screw.	✓			
45	R1 & R2 Wheels.	✓			
46	R.S. #1 truck journal bearings & boxes.	✓			
47	R.S. #1 truck journal springs & pads..	✓			
48	R.S. #1 truck pedestal liners.	✓			
49	R.S. #1 truck pedestal tie bars.	✓			
50	R.S. #1 truck shock absorbers. Vert., lat., long.	✓			<i>Vert on #1 side is cracked at center.</i>
51	R.S. #1 truck spring plank.	✓			
52	R.S. #1 truck spring safety straps.	✓			
53	R.S. #1 truck swing hanger.	✓			
54	Axe generator, # <u>2</u> axle.	✓			
55	R.S. high voltage cables & cleats.	✓			
56	R.S. AEI tag.	✓			
57	R.S. car body side sill.	✓			

LOCOMOTIVE INSPECTION

Page 3 of 14

Owner:		Model:		Road Number:	
<u>CPR</u>		<u>649</u>		<u>3-27-09</u>	
Item No.	Component/Assembly Inspected	Equipment	Missing	Damaged	Comments
58	R.S. car body panels.				Hood on floor - looks good.
59	R.S. barn doors.				
60	R.S. prime mover inertial filter screen.			✓	3447005
61	R.S. D.B. grids & cover.				
62	R.S. radiator shutter screens.			✓	
63	R.S. HEP hatch screens.			✓	
64	Air Dryer.			✓	
65	Air reservoir filters.			✓	
66	Air reservoirs & piping.			✓	
67	R.S. of fuel tank.R.S. fuel fill. Type: Hand. & Tank.			✓	
68	R.S. fuel tank dial gauge. Capacity: 1400 gal.			✓	
69	R.S. fuel tank sight glass.			✓	25
70	R.S. fuel piping.			✓	
71	#3 Traction motor.			✓	
72	#4 traction motor.			✓	
73	#2 truck TM plenum boots & rods.			✓	
74	#2 truck frame serial number:				
75	R.S. #2 truck brake cylinder.			✓	
76	R.S. #2 truck air piping.			✓	
77	R.S. #2 truck brake cut out valve.			✓	
78	R.S. #2 truck brake levers.			✓	
79	R.S. #2 truck brake shoes.			✓	
80	R.S. #2 truck slack adjusters. Type: Pin/screw.			✓	#4 thick rim
81	R3 & R4 wheels.			✓	
82	R.S. #2 truck journal bearings & boxes.			✓	
83	R.S. #2 truck journal springs & pads.			✓	
84	R.S. #2 truck pedestal liners.			✓	
85	R.S. #2 truck pedestal tie bars.			✓	
86	R.S. #2 truck shock absorbers. Vert, lat., long.			✓	

LOCOMOTIVE INSPECTION

Page 4 of 14

Item No.	Component/Assembly Inspected	Equipped	Missing	Damaged	Comments
87	R.S. #2 truck spring plank.	✓			
88	R.S. #2 truck spring safety straps.	✓			
89	R.S. #2 truck swing hanger.	✓			
90	Axe generator, # axle.				
91	R.S. #2 truck side bearing & truck hold down.	✓			
92	R.R. #8 vent valve.	✓			
93	R.R. steps.	✓			
94	R.R. step light.	✓			
95	All R.R. air M.U. piping & valves.	✓			
96	R.R. sand nozzle.	✓			
97	R.R. sand hose.	✓			
98	R.R. sand trap, compartment, & door.	✓			
99	R.R. vertical handrails.	✓			
100	R.R. flag holder.	✓			
101	R.R. end plate.	✓			
102	Rear brake pipe hose.	✓			
103	All rear M.U. air hoses.	✓			
104	R.R. electrical M.U. receptacles.	✓			
105	Rear coupler & pocket.	✓			
106	Rear cut levers.	✓			
107	Rear electrical M.U. jumper hanger.	✓			
108	Bottom of rear walkway.	✓			
109	Diaphragm buffer plates.	✓			<i>Above coupler</i>
110	Rear handrails, stanchions, & safety chain.	✓			
111	L.R. end plate.	✓			
112	L.R. electrical M.U. receptacles.	✓			
113	L.R. steps.	✓			
114	L.R. step light.	✓			
115	All L.R. air M.U. piping & valves.	✓			

LOCOMOTIVE INSPECTION

Page 5 of 14

Item No.	Component/Assembly Inspected	Comments		
		Equipped	Missing	Damaged
116	L.R. sand nozzle.	✓		
117	L.R. sand hose.	✓		
118	L.R. sand trap, compartment, & door.	✓		
119	L.R. vertical handrails.	✓		
120	L.R. flag holder.	✓		
121	L.S. #2 truck brake cylinder.	✓		
122	L.S. #2 truck air piping.	✓		
123	L.S. #2 truck brake levers.	✓		
124	L.S. #2 truck brake shoes.	✓		
125	L.S. #2 truck slack adjusters. Type: pig/screw.	✓		
126	L3 & L4 wheels.	✓		
127	L.S. #2 truck journal bearings & boxes.	✓		
128	L.S. #2 truck journal springs & pads.	✓		
129	L.S. #2 truck pedestal liners.	✓		
130	L.S. #2 truck pedestal tie bars.	✓		
131	L.S. #2 truck shock absorbers. Vert., lat., long.	✓		
132	L.S. #2 truck spring plank.	✓		
133	L.S. #2 truck spring safety straps.	✓		
134	L.S. #2 truck swing hanger.	✓		
135	Axle generator, # axle.	✓		
136	L.S. #2 truck side bearing & truck hold down.	✓		
137	L.S. high voltage cables & cleats.	✓		
138	L.S. AEI tag.	✓		
139	L.S. car body side sill.	✓		
140	L.S. car body panels.	✓		
141	L.S. barn doors.	✓		
142	L.S. HEP hatch screens.	✓		
143	L.S. radiator shutter screens.	✓		
144	L.S. D.B. grids & cover.	✓		

LOCOMOTIVE INSPECTION

Page 6 of 14

Owner:	C.D.O.F.	Model:	GP40-2A	Road Number:	6656	Date:	2-21-09
Item No.	Component/Assembly Inspected	Equipped	Missing	Damaged		Comments	
145	L.S. prime mover inertial filter screen.	✓				On floor	
146	L.S. fuel piping.	✓					
147	L.S. fuel tank.	✓					
148	L.S. fuel fill. Type: <u>flap</u> . & <u>Sawyer</u> ?	✓				Two bottom caps	
149	L.S. fuel tank dial gauge. Capacity: <u>1400 gal</u>	✓					
150	L.S. fuel tank sight glass.	✓					
151	Battery box, batteries, & doors.	✓				Rusted bottom of door & rotted bottoms	
152	L.S. engine room door steps.	✓					
153	L.S. engine room door step light.	✓					
154	L.S. engine room door vertical handrails.	✓					
155	L.S. engine room door.	✓					
156	L.S. #1 truck brake cylinder.	✓					
157	L.S. #1 truck air piping.	✓					
158	L.S. #1 truck brake levers.	✓					
159	L.S. #1 truck brake shoes.	✓					
160	L.S. #1 truck slack adjusters. Type: <u>pin</u> /screw.	✓					
161	L1 & L2 wheels.	✓					
162	L.S. #1 truck journal bearings & boxes.	✓					
163	L.S. #1 truck journal springs & pads.	✓					
164	L.S. #1 truck pedestal liners.	✓					
165	L.S. #1 truck pedestal tie bars.	✓					
166	L.S. #1 truck shock absorbers. Vert., lat., long.	✓					
167	L.S. #1 truck spring plank.	✓					
168	L.S. #1 truck spring safety straps.	✓					
169	L.S. #1 truck swing hanger.	✓					
170	Axle generator. # <u>1</u> axle.	✓					
171	L.S. #1 truck side bearing & truck hold down.	✓					
172	L.S. cab steps.						
173	L.S. cab step light.						

LOCOMOTIVE INSPECTION

Page 7 of 14

Owner:	Det	Model: GP40-2H	Road Number: 696	Date: 1-27-09	
Item No.	Component/Assembly Inspected	Equipment	Missing	Damaged	Comments
174	L.S. cab vertical handrails.				
175	L.S. cab door.				
176	L.S. sash window, frame, & weep hole cover.	✓			
177	L.S. armrest.	✓			
178	L.S. flag holder.	✓			
179	L.S. stationary window.	✓			
180	L.S. wind deflector/mirror.	✓			
181	L.S. cab & short nose exterior.	✓			Rust @ bott. of door & window
182	L.S. air brake compartment door & hinges.	✓			
183	L.S. brake manifold & valves.	✓			
184	L.F. #8 vent valve.	✓			
185	L.F. steps.	✓			
186	L.F. step lights.	✓			
187	All L.F. air M.U. piping & valves.	✓			
188	L.F. sand nozzle.	✓			
189	L.F. sand hose.	✓			
190	L.F. sand trap, compartment, & door.	✓			
191	L.F. grab irons.	✓			
192	L.F. ATC track receivers & brackets.	✓			
193	Short nose for rust damage.	✓			Some @ bottom
194	Front sand box.	✓			
195	Front sander MV.	✓			
196	Ditch light pulsar box.	✓			
197	Radio/PA power supply.	✓			
198	Event recorder. Type: Pulse	✓			
199	Event Recorder ID plug.	✓			
200	Cab signal box.	✓			
201	Short nose door, latch, & keeper.	✓			
202	Short nose steps & access covers.	✓			

LOCOMOTIVE INSPECTION

Owner:	Model:	Road Number:	Date:
Item No.	Component/Assembly Inspected	Comments	
		Equipped	Damaged
		Missing	
203	Cab fire extinguisher. Type: ABC.	✓	
204	Workbook holder.	✓	
205	Control stand electrical components.	✓	
206	Control stand air components.	✓	
207	Radio.	✓	Removed
208	PA control head.	✓	"
209	Brake handles.	✓	
210	Controller.	✓	
211	Speed indicator. Type: US & S ADC.	✓	
212	R.S. main cab heater.	✓	
213	R.S. sidewall heater.	✓	
214	R.S. seat mounting.	✓	
215	R.S. cab wall.	✓	
216	R.S. sash window.	✓	
217	R.S. stationary window.	✓	
218	R.S. cab light.	✓	
219	R.S. cab door.	✓	
220	Front cab wall.	✓	
221	Alerter. Type: Pulse Train Safety.	✓	
222	Windshield wiper motor's (5)	✓	
223	Windshield wiper motor covers.	✓	
224	Sun visors. Quantity: 1	✓	
225	R.S. windshield & frame.	✓	
226	L.S. windshield & frame.	✓	
227	Trashcan & liner.	✓	
228	Layover heater.	✓	
229	L.S. main cab heater.	✓	
230	Emergency brake valve.	✓	
231	L.S. sidewall heater.	✓	

LOCOMOTIVE INSPECTION

Page 9 of 14

Owner:	DOT	Model:	440-24	Road Number:	6696	Date:	2-27-09
Item No.	Component/Assembly Inspected	Equipped	Missing	Damaged			Comments
232	L.S. seat mounting.	✓					Seat cushion torn
233	L.S. cab wall.	✓					
234	L.S. sash window.	✓					
235	L.S. stationary window.	✓					
236	L.S. cab light.	✓					
237	L.S. cab door.	✓					
238	Alcove.	✓					Has cooler box
239	Fuses/torpedo holder.	✓					
240	Cardholders. Quantity:	✓					
241	Blue card in unit. Yes or No. Date: 3-5-09	✓					
242	First aid kit.	✓					
243	Cab ceiling.	✓					
244	Cab floor.	✓					
245	Trap doors.	✓					
246	HVC exterior.	✓					
247	HEP remote panel.	✓					
248	Engine control panel.	✓					
249	HVC components.	✓					
250	Dash 2 modules.	✓					
251	Cab to engine room door.	✓					
252	Cab to engine room steps.	✓					
253	Fresh air room door.	✓					
254	HVC rear doors.	✓					
255	Fresh air room floor.	✓					
256	Engine intake filters & cage. Type: baffle/paper	✓					
257	R.S. inertial filter.	✓					
258	Inertial blower motor.	✓					
259	L.S. inertial filter.	✓					
260	Inertial filter drains.	✓					

LOCOMOTIVE INSPECTION

Owner:	CDOT	Model:	GP40-2A	Road Number:	6712	Date:	2-29-04
Item No.	Component/Assembly Inspected					Comments	
		Equipped	Missing	Damaged			
261	Aux generator/TM blower.	✓					
262	HVC filter box.	✓					
263	Main Generator. Note model & serial numbers.			Model: On floor S/N:			
264	Fresh air room wall.						
265	Exhaust silencer.						
266	L.S. of turbocharger.						
267	Lube oil separator.			Eq. rack on floor.			
268	L.S. after cooler.						
269	Fly wheel.						
270	L.S. flywheel guard.						
271	Engine room fire extinguisher. Type:						
272	L.S. DB cable heat shield.	✓					
273	L.S. engine handhole & top deck covers.	✓		Engine ready to lift out			
274	L.S. engine internal components.						
275	L.S. engine heat shields.						
276	L.S. engine exhaust manifolds.						
277	L.S. engine steps.						
278	Governor. Note part & serial numbers.	✓		P/N: Woodward S/N:			
279	Lay shaft lever.						
280	Engine protector. Type:						
281	Water pumps.						
282	Main oil pump.						
283	Piston cooling oil pump.						
284	Scavenging oil pump.						
285	Automatic water drain valve.						
286	R.S. radiator shutters.	✓					
287	Engine start station.	✓					
288	Expansion tank water fill.						
289	Expansion tank sight glass.						

LOCOMOTIVE INSPECTION

Page 11 of 14

Owner:	31207	Model:	GP40-2A	Road Number:	6676	Date:	1-27-07
Item No.	Component/Assembly Inspected			Damaged	Missing	Equipment	Comments
290	Shutter test valve.						
291	Load regulator.						
292	CCS, MV's, air pressure gauge etc.						
293	A/C cabinet components.						
294	Temperature control box.	✓				TSM Loco Temp	
295	Temperature switch manifold.						
296	Temperature switches. Type:						
297	Water piping.	✓					
298	Compressor drive line.	✓				Disconnected	
299	Compressor driveline guards.	✓					
300	Air compressor. Note MFR/model/S/N	✓				MFR: Gardner - Model: S/N:	
301	Prime mover layover water heater.						
302	R.S. HEP compartment door.						
303	HEP inertial blower etc.						
304	HEP fire extinguisher. Type:						
305	Rear Sander MV.						
306	Rear sand box.					Removed	
307	HEP expansion tank.						
308	Rear Platform light lens.	✓					
309	Handbrake.	✓					
310	HEP engine. Note model & serial numbers.	✓				Model: Cummins K-19 S/N:	
311	HEP alternator. Note model & S/N.	✓				Model: S/N:	
312	HEP relay cabinet.	✓				Dirty outside. Clean inside	
313	HEP cabinet filter box.	✓					
314	HEP contactor cabinet.	✓				Dirty outside, Clean inside	
315	L.S. HEP compartment door.						
316	Prime mover layover water pump.						
317	Primary fuel filter housing.						
318	Lube oil filter housing.						

LOCOMOTIVE INSPECTION

Page 12 of 14

Item No.	Component/Assembly Inspected	Equipped	Missing	Damaged	Comments
319	Oil cooler.				
320	Fuel pump.				
321	Fuel suction strainer housing.	✓			
322	Battery charger.	✓			
323	Fuel pre-heater.				
324	Lube oil strainer housing.	✓			
325	Fuel spin on filters.	✓			
326	Fuel sight glasses.				
327	Prime mover layover lube oil pump.				
328	R.S. engine steps.				
329	R.S. engine handhole & top deck covers.				
330	R.S. engine internal components.				
331	R.S. engine heat shields.				
332	R.S. engine exhaust manifolds				
333	Engine model & serial numbers.				Model: _____ S/N: _____
334	Lube oil dipstick. Type: Long/Short				
335	Turbo lube pump.				
336	Turbo lube oil filter.	✓			
337	Starter motors.				
338	Starter motor cover.				
339	R.S. of turbocharger. Note model/S/N.				Model: _____ S/N: _____
340	Aux drive.				
341	Auxiliary generator driveline & cover.				
342	Auxiliary generator access covers.				
343	R.S. after cooler.				
344	R.S. flywheel guard.				
345	R.S. DB cable heat shield.				
346	Engine roll bar.				
347	L.S. engine room door.				

LOCOMOTIVE INSPECTION

Page 13 of 14

Owner:	CDOT	Model:	GP40-2A	Road Number:	696	Date:	2-7-09
Item No.	Component/Assembly Inspected	Equipped	Missing	Damaged	Comments		
348	End body door.	✓					
349	Rear handrails, stanchions & safety chain.	✓					
350	End body ladder.						
351	Rear headlights.						
352	Rear marker lights.						
353	Rear sand fill.						
354	HEP expansion tank cover.						
355	HEP cooling fan. Number of blades: _____						
356	Top of HEP hatch.						
357	#2 cooling fan. Number of blades: _____						
358	#1 cooling fan. Number of blades: _____						
359	Top of cooling hatch.						
360	DB blower motor. Number of blades: _____						
361	Top of DB hatch.	✓					
362	Top of exhaust hatch.	✓					
363	Top of inertial hatch.	✓					
364	Top of cab roof.	✓					
365	Radio antenna.	✓					
366	Horn. Number of trumpets: 5	✓					
367	Bell.	✓					
368	Windshield guards.	✓					
369	Wiper arms.	✓					
370	Front marker lights.	✓					
371	Front number boards.	✓					
372	Front sand fill.	✓					
373							
374							

LOCOMOTIVE INSPECTION

GP40 Road Number 6697

Inspection Date: 12/10/2008

■ STV

FROM STV PHILADELPHIA

(FRI) 5.17'02 10:27 ST. 10:26 NO. 486224C490 P 2

GPH-4-44

Contract: ~~2002~~ CDOT
Road Number: 6697

Model: 240PH-2E

S/O Number:

Inspection Date: ~~10/10/08~~
Frame Serial Number: ~~10/10/08~~

1.	Inspect front brake pipe hose.	✓
2.	Inspect all other front M.U. air hoses.	✓
3.	Inspect L.F. electrical M.U. receptacles.	✓
4.	Inspect plow.	✓
5.	Inspect front coupler & pocket.	✓
6.	Inspect front cut levers.	✓
7.	Inspect front electrical M.U. jumper hanger.	✓
8.	Inspect anti-climber.	✓
9.	Inspect front of the short nose.	✓
10.	Inspect front headlight.	✓
11.	Inspect ditch lights.	✓
12.	Inspect R.F. electrical M.U. receptacles.	✓
13.	Inspect R.F. pilot plate.	✓
14.	Inspect R.F. steps.	✓
15.	Inspect R.F. step light.	✓
16.	Inspect R.F. track receivers & brackets.	✓
17.	Inspect all R.F. air M.U. piping & valves.	✓
18.	Inspect R.F. sand nozzle.	✓
19.	Inspect R.R. sand hose.	✓
20.	Inspect R.R. sand trap, compartment, & door.	✓
21.	Inspect R.R. grab irons.	✓
22.	Inspect R.S. flag holder.	✓
23.	Inspect R.S. stationary window.	✓
24.	Inspect R.S. wind deflector/mirror.	✓
25.	Inspect R.S. sash window, frame, & weep hole cover.	✓
26.	Inspect R.S. armrest.	✓
27.	Inspect R.S. cab & short nose wall.	✓
28.	Inspect R.S. cab door.	✓
29.	Inspect R.S. cab vertical handrails.	✓
30.	Inspect R.S. ABC door & hinges.	✓
31.	Inspect R.S. ABC air equipment.	✓
32.	Inspect R.S. cab steps.	✓
33.	Inspect R.S. # 1 truck side step light.	✓
34.	Inspect R.S. # 1 truck side bearing & truck hold down.	✓
35.	Inspect # 1 traction motor.	✓

Inspector	MP/QA/230	Designator	MBTA Inbound Inspection	Comments	A	B	C	D	E
Reviewing Dept	QA	Prepared by	O. Gabion	L. Boston	4/25/02	Prepared by	O. Gabion	L. Boston	4/25/02

Road Number: _____

36.	Inspect # 2 traction motor.	/
37.	Inspect # 1 truck plenum boots & rods.	/
38.	# 1 truck frame serial number. HU33E 60199	/
39.	Inspect R.S. # 1 truck brake cylinder.	/
40.	Inspect R.S. # 1 truck air piping.	/
41.	Inspect R.S. # 1 truck brake cut out valve.	/
42.	Inspect R.S. # 1 truck brake levers.	/
43.	Inspect R.S. # 1 truck brake shoes.	/
44.	Inspect R.S. # 1 truck slack adjusters. Type: pins/screw.	/
45.	Inspect R.S. # 1 truck journal bores. Type: hydraulics.	/
46.	Inspect R.S. # 1 truck journal springs & pads.	/
47.	Inspect R.S. # 1 truck pedestal liners.	/
48.	Inspect R.S. # 1 truck pedestal tie bars.	/
49.	Inspect R.S. # 1 truck shock absorbers.	X
50.	Inspect R.S. # 1 truck spring plank.	/
51.	Inspect R.S. # 1 truck spring safety straps.	/
52.	Inspect R.S. # 1 truck swing hanger.	X
53.	Inspect R.S. high voltage cables & cleats.	X
54.	Inspect R.S. AEI tag.	/
55.	Inspect R.S. car body side sill.	/
56.	Inspect R.S. car body panels.	/
57.	Inspect R.S. barn doors.	/
58.	Inspect R.S. prime mover herital filter screen.	/
59.	Inspect R.S. D. N. grids & cover.	/
60.	Inspect R.S. shutter screens.	/
61.	Inspect R.S. HEP hatch screens.	/
62.	Inspect air dryer.	X
63.	Inspect air reservoir filters. Type: 818/824/975	/
64.	Inspect air reservoirs & piping.	/
65.	Inspect R.S. of fuel tank.	/
66.	Inspect R.S. fuel fill. Type:	/
67.	Inspect R.S. fuel tank dial gauge. Capacity:	/
68.	Inspect R.S. fuel tank sight glass.	/
69.	Inspect R.S. fuel piping.	/
70.	Inspect # 3 traction motor.	/

Document Title	MPN/QADID	Prepared By	Reviewed By	MISTRA Unbound Inspection
STV Inspection Log QA	QA	D. Gabiou	L. Beston	42503

Road Number:

71.	Inspect # 4 traction motor.	✓
72.	Inspect # 2 truck plenum boots & rods.	✓
73.	# 2 truck frame serial number. HU 46F 60056	✓
74.	Inspect R.S. # 2 truck brake cylinder.	✓
75.	Inspect R.S. # 2 truck air piping.	✓
76.	Inspect R.S. # 2 truck brake cut out valve.	✓
77.	Inspect R.S. # 2 truck brake lever.	✓
78.	Inspect R.S. # 2 truck brake shoes.	✓
79.	Inspect R.S. # 2 truck slack adjusters. Type: Pin/screw.	✓
80.	Inspect R.S. # 2 truck journal boxes. Type: hyatt/limken.	✓
81.	Inspect R.S. # 2 truck journal springs & pads.	✓
82.	Inspect R.S. # 2 truck pedestal liners.	✓
83.	Inspect R.S. # 2 truck pedestal tie bars.	✓
84.	Inspect R.S. # 2 truck shock absorbers.	X
85.	Inspect R.S. # 2 truck spring plank.	✓
86.	Inspect R.S. # 2 truck spring safety straps.	✓
87.	Inspect R.S. # 2 truck swing hanger.	✓
88.	Inspect R.S. # 2 truck side bearing & truck hold down.	✓
89.	Inspect R.R. # 8 vent valve.	✓
90.	Inspect R.R. steps.	✓
91.	Inspect R.R. step light.	✓
92.	Inspect all R.R. air M.U. piping & valves.	✓
93.	Inspect R.R. sand nozzle.	✓
94.	Inspect R.R. sand hose.	✓
95.	Inspect R.R. sand trap, compartment, & door.	✓
96.	Inspect R.R. vertical handrails.	✓
97.	Inspect R.R. flag holder.	✓
98.	Inspect R.R. pilot plate.	✓
99.	Inspect rear brake pipe hose.	✓
100.	Inspect all other rear M.U. air hoses.	✓
101.	Inspect R.R. electrical M.U. receptacles.	✓
102.	Inspect rear coupler & package.	✓
103.	Inspect rear cut levers.	✓
104.	Inspect rear electrical M.U. jumper hanger.	✓
105.	Inspect bottom of rear walkway.	✓

Designator	MPQ/230	Prepared by	MBTA Inbound Inspection	Entered by	Date
Testing Period	QA	D. Cabiola	L. Boston	P. D. Cabiola	4/25/02

Road Number:

106.	Inspect buffer plates.
107.	Inspect rear handrails, stanchions, & safety chain.
108.	Inspect L.R. pilot plate.
109.	Inspect L.R. electrical M.U. receptacles.
110.	Inspect L.R. steps.
111.	Inspect all L.R. air M.U. piping & valves.
112.	Inspect all L.R. sand nozzle.
113.	Inspect L.R. sand hose.
114.	Inspect L.R. sand hose.
115.	Inspect L.R. sand trap, compartment, & door.
116.	Inspect L.R. vertical handrails.
117.	Inspect L.R. flag holder.
118.	Inspect L.S. # 2 truck brake cylinder.
119.	Inspect L.S. # 2 truck air piping.
120.	Inspect L.S. # 2 truck brake lever.
121.	Inspect L.S. # 2 truck brake shoe.
122.	Inspect L.S. # 2 truck slack adjusters. Type: pin/screw.
123.	Inspect L.S. # 2 truck journal boxes. Type: hyatt/timken.
124.	Inspect L.S. # 2 truck journal springs & pads.
125.	Inspect L.S. # 2 truck pedestal liners.
126.	Inspect L.S. # 2 truck pedestal tie bars.
127.	Inspect L.S. # 2 truck shock absorbers.
128.	Inspect L.S. # 2 truck spring plank.
129.	Inspect L.S. # 2 truck spring safety straps.
130.	Inspect L.S. # 2 truck swing hanger.
131.	Inspect # 2 truck axle generator.
132.	Inspect L.S. # 2 truck side bearing & truck hold down.
133.	Inspect L.S. high voltage cables & cleats.
134.	Inspect L.S. AEI tag.
135.	Inspect L.S. car body side rail.
136.	Inspect L.S. car body panels.
137.	Inspect L.S. barn doors.
138.	Inspect L.S. HEP hatch screens.
139.	Inspect L.S. shutter screens.
140.	Inspect L.S. D. E. grids & cover.

EGO/Interline/Other	MPTQA/210	Passenger/Bus	MBTA Inbound Inspection
Engineering/PE/Other	QA	Supervisors/ENR/	D. Gabrova 7-Apr-02 Boston

Road Number:

141.	Inspect L.S. prime mover inertial filter screen.
142.	Inspect L.S. fuel piping.
143.	Inspect L.S. of fuel tank.
144.	Inspect L.S. fuel fill. Type:
145.	Inspect L.S. fuel tank dial gauge. Capacity:
146.	Inspect L.S. fuel tank sight glass.
147.	Inspect battery box, batteries, & doors.
148.	Inspect L.S. engine room door steps.
149.	Inspect L.S. engine room door step light.
150.	Inspect L.S. engine room door vertical handrails.
151.	Inspect L.S. engine room door.
152.	Inspect L.S. # 1 truck brake cylinder.
153.	Inspect L.S. # 1 truck air piping.
154.	Inspect L.S. # 1 truck brake levers.
155.	Inspect L.S. # 1 truck brake shoes.
156.	Inspect L.S. # 1 truck slack adjusters. Type: plus/screw.
157.	Inspect L.S. # 1 truck journal boxes. Type: hyatt/dinken.
158.	Inspect L.S. # 1 truck journal springs & pads.
159.	Inspect L.S. # 1 truck pedestal liners.
160.	Inspect L.S. # 1 truck pedestal tie bars.
161.	Inspect L.S. # 1 truck shock absorbers.
162.	Inspect L.S. # 1 truck spring plane.
163.	Inspect L.S. # 1 truck spring safety straps.
164.	Inspect L.S. # 1 truck swing hanger.
165.	Inspect # 1 truck axle generator.
166.	Inspect L.S. # 1 truck side bearing & truck hold down.
167.	Inspect L.S. cab steps.
168.	Inspect L.S. cab step light.
169.	Inspect L.S. cab vertical handrails.
170.	Inspect L.S. cab door.
171.	Inspect L.S. sash window, frame, & weep hole cover.
172.	Inspect L.S. armrest.
173.	Inspect L.S. flag holder.
174.	Inspect L.S. stationary window.
175.	Inspect L.S. wind deflector/mirror.

Approver	MPQA/210	Re-inspected	MBTA Inbound Inspection
Approver	QA	Re-inspected	D. Gabiola - Approved

Road Number: _____

176.	Inspect L.S. cab & short nose wall.	✓
177.	Inspect L.S. ABC door & hinges.	✓
178.	Inspect L.S. ABC air equipment.	✓
179.	Inspect R.F. # 8 vent valve.	✓
180.	Inspect L.F. steps.	✓
181.	Inspect L.F. step light.	✓
182.	Inspect all L.F. air MU, piping & valves.	✓
183.	Inspect L.F. sand nozzle.	✓
184.	Inspect L.F. sand hose.	✓
185.	Inspect L.F. sand trap, compartment, & door.	✓
186.	Inspect L.R. grab irons.	✓
187.	Inspect L.R. track receivers & brackets.	✓
188.	Inspect L.F. pilot plate.	✓
189.	Inspect short nose for rust damage.	✓
190.	Inspect front sand box.	✓
191.	Inspect front sander M.V.	✓
192.	Inspect ditch light pulser box.	✓
193.	Inspect radio/ba power supply.	✓
194.	Inspect event recorder. Type: <u>PW4</u> <u>Pulse</u>	—
195.	Inspect event recorder ID plug.	—
196.	Inspect cab signal box.	✓
197.	Inspect short nose door, latch, & keeper.	✓
198.	Inspect short nose steps & access covers.	✓
199.	Inspect cab fire extinguisher. Type:	✓
200.	Inspect workbook holder.	✓
201.	Inspect control stand electrical components.	✓
202.	Inspect control stand air components.	✓
203.	Inspect radio.	✓
204.	Inspect PA control head.	✓
205.	Inspect brake handles.	✓
206.	Inspect controller. Note the part & serial numbers.	—
207.	Inspect speed indicator. Type: <u>PWH</u>	—
208.	Inspect R.S. main cab heater.	✓
209.	Inspect R.S. sidewall heater.	✓
210.	Inspect R.S. seat rail.	✓

Document Type	Model/Serial	Date Inspected	MFTA Inherent Inspection
Final Inspection OA	TRP-000000000000000000	D. Gobioff	L. Boston

Road Number: _____

211.	Inspect R.S. seat & tripod.		X	Rusted
212.	Inspect R.S. cab wall.		X	Replaced
213.	Inspect R.S. sash window.		X	Replaced
214.	Inspect R.S. stationary window.		X	Replaced
215.	Inspect R.S. cab light.		X	Rusted
216.	Inspect R.S. cab door.		X	Rusted
217.	Inspect front cab wall.		X	Rusted
218.	Inspect alertter. Type: PW H		X	Replaced
219.	Inspect windshield wiper motors.		X	Engineer windshield wiper does not work
220.	Inspect windshield wiper motor covers.		X	Missing on left and middle windshields
221.	Inspect sun visors. Quantity: 1		X	
222.	Inspect R.S. windshield & frame.		X	
223.	Inspect L.S. windshield & frame.		X	
224.	Inspect trashcan & liner.		X	
225.	Inspect layover heater.		X	
226.	Inspect L.S. main cab heater.		X	
227.	Inspect emergency brake valve.		X	
228.	Inspect L.S. sidewall heater.		X	
229.	Inspect L.S. seat rail.		X	Sight Ripped
230.	Inspect L.S. seat & tripod.		X	Rusted
231.	Inspect L.S. cab wall.		X	Rusted
232.	Inspect L.S. sash window.		X	Rusted, replace gasket
233.	Inspect L.S. stationary window.		X	
234.	Inspect L.S. cab light.		X	
235.	Inspect L.S. cab door.		X	
236.	Inspect refrigerator above.		X	
237.	Inspect fuse/holder holder.		X	
238.	Inspect cardholders. Quantity:		X	
239.	Blue card in unit. Yes or No.		X	
240.	Inspect first aid kit.		X	
241.	Inspect cab ceiling.		X	
242.	Inspect cab floor.		X	
243.	Inspect trap doors.		X	
244.	Inspect HVAC exterior.		X	
245.	Inspect HEP remote panel.		X	

Production Manager	MP/QM/T20	Dispatcher	MBTA Inbound Inspection
Quality Control QA	Inspector NY/NJ D. Gabriele	Approver MBTA L. Boston	Supervisor MBTA J. F. S. 47502

Road Number: _____

246.	Inspect engine control panel.	/		
247.	Inspect HVC component.	/		
248.	Inspect Dash 2 module.	/		
249.	Inspect cab to engine room door.	/		
250.	Inspect cab to engine room steps.	/		
251.	Inspect fresh air room door.	/		
252.	Inspect HVC rear doors.	/		
253.	Inspect fresh air room door.	/		
254.	Inspect engine intake filters & cage. Type: baggie/paper	/		
255.	Inspect R.S. inertial filter.	/		
256.	Inspect inertial blower motor.	/		
257.	Inspect L.S. inertial filter.	/		
258.	Inspect inertial filter drawbs.	/		
259.	Inspect aux generator/tun blower.	/		
260.	Inspect HVC filter box.	/		
261.	Inspect main generator. Note model & serial numbers.	/	Model: _____ S/N: _____	
262.	Inspect fresh air room wall.	/		
263.	Inspect exhaust silencer.	/		
264.	Inspect L.S. of turbocharger.	/		
265.	Inspect lube oil separator.	/		
266.	Inspect L.S. after cooler.	/		
267.	Inspect flywheel.	/		
268.	Inspect L.S. flywheel guard.	/		
269.	Inspect engine room fire extinguisher. Type:	/		
270.	Inspect R.S. DB cable heat shield.	/		
271.	Inspect L.S. engine handhold & top deck covers.	/		
272.	Inspect L.S. engine internal components.	/		
273.	Inspect L.S. engine heat shields.	/		
274.	Inspect L.S. engine exhaust manifolds.	/		
275.	Inspect L.S. engine steps.	/		
276.	Inspect governor. Note part & serial numbers.	/	P/N: _____ S/N: 1242244	52d10
277.	Inspect lay shaft lever.	/		
278.	Inspect engine protector. Type:	/		
279.	Inspect water pumps.	/		
280.	Inspect main oil pump.	/		

DATE	TIME	TESTER	TESTED BY	MBTA Inbound Inspection
5/17/02	10:30	QA	D. Gatiola	L. Boston

Road Number: _____

282.	Inspect piston cooling oil pump.	✓
282.	Inspect scavenging oil pump.	✓
283.	Inspect automatic water drain valve.	✓
284.	Inspect R.S. shutters.	✓
285.	Inspect engine start station.	✓
286.	Inspect expansion tank water fill.	✓
287.	Inspect expansion tank sight glass.	✓
288.	Water treatment. Yes or No.	✓
289.	Inspect shutter test valve.	✓
290.	Inspect load regulator. Type: New or Old	✓
191.	Inspect CCS, MV's, air pressure gauge etc.	✓
192.	Inspect A/C cabinet components.	✓
193.	Inspect temperature control box.	✓
194.	Inspect temperature switch manifold.	✓
295.	Inspect temperature switches. Type:	✓
296.	Inspect water piping.	✓
297.	Inspect compressor drive live.	✓
298.	Inspect compressor driveline guards.	✓
299.	Inspect air compressor. Note MFR/model/serial number	-
300.	Inspect prime mover layover water heater.	✓
301.	Inspect R.S. HEP compartment door.	✓
302.	Inspect HEP inertial blower etc.	✓
303.	Inspect HEP fire extinguisher. Type:	✓
304.	Inspect rear sander MV.	✓
305.	Inspect rear sand box.	✓
306.	Inspect HEP expansion tank.	✓
307.	Inspect rear platform light lens.	✓
308.	Inspect handbrake.	✓
309.	Inspect HEP engine. Note model & serial numbers.	-
310.	Inspect HEP alternator. Note model & serial numbers.	✓
311.	Inspect HEP relay cabinet.	✓
312.	Inspect HEP cabinet filter box.	✓
313.	Inspect HEP contactor cabinet.	✓
314.	Inspect L.S. HEP compartment door.	✓
315.	Inspect prime mover layover water pump.	✓

Approved	MPQ/ALZB	2002-05-17	MFTA Inbound Inspection
Inspected	QA	2002-05-17	L. Boston

D. Gabola Approved 4/25/02

Road Number:

316.	Inspect primary fuel filter housing.	✓		
317.	Inspect lube oil filter housing.	✓		
318.	Inspect oil cooler.	✓	X	Deferred until coupling to oil cooler
319.	Inspect fuel pump. Motor HP: $\frac{1}{2}$ or $\frac{3}{4}$	-	✓	
320.	Inspect fuel suction strainer housing.	✓		
321.	Inspect battery charger.	✓		
322.	Inspect fuel pre-heater.	✓		
323.	Inspect lube oil strainer housing.	✓		
324.	Inspect fuel spin on filters.	✓		
325.	Inspect fuel sight glasses.	✓		
326.	Inspect prime mover lube oil pump.	✓		
327.	Inspect R.S. engine steps.	✓		
328.	Inspect R.S. engine handhold & top deck covers.	✓		
329.	Inspect R.S. engine internal components.	✓		
330.	Inspect R.S. engine heat shields.	✓		
331.	Inspect R.S. engine exhaust manifolds.	✓		
332.	Note engine model & serial numbers.	✓		Model: _____ S/N: 7162 1001
333.	Inspect tube oil digestible. Type: long/short	-	✓	
334.	Oil in engine. Yes or No	✓		
335.	Inspect turbo lube pump. Motor HP: $\frac{1}{2}$ or $\frac{3}{4}$	-	✓	
336.	Inspect turbo lube oil filter.	✓		
337.	Inspect starter motors. 1 or 2	✓		
338.	Inspect starter motor cover.	✓		
339.	Inspect R.S. of turbocharger. Note model/serial numbers.	-		Model: _____ S/N: _____
340.	Inspect aux drive.	✓		
341.	Inspect auxiliary generator driveline & cover.	✓		
342.	Inspect auxiliary generator access covers.	✓		
343.	Inspect L.S. after cooler.	✓		
344.	Inspect L.S. flywheel guard.	✓		
345.	Inspect R.S. DB cable heat shield.	✓		
346.	Inspect engine roll bar.	✓		
347.	Inspect L.S. engine room door.	✓		
348.	Inspect end body door.	✓		
349.	Inspect rear handrails, stanchions & safety chain.	✓		
350.	Inspect end body ladder.	-		

Department	MPQA/230	Assistants	MTA Inbound Inspection
Manager	QA	Prepared by	D. Gribble
Supervisor		Approved by	C. Boston
Technician		Date	4/25/02

FROM STV PHILADELPHIA

(FRI) 5.17'02 10:31/ST. 10:26/NO. 4862240490 P 12

Road Number:

	Inspect rear headlights.	<input checked="" type="checkbox"/>
352.	Inspect rear marker lights.	<input checked="" type="checkbox"/>
353.	Inspect rear sand fill.	<input checked="" type="checkbox"/>
354.	Inspect HEP expansion tank cover.	<input checked="" type="checkbox"/>
355.	Inspect HEP cooling fan. Number of blades: _____	<input checked="" type="checkbox"/>
356.	Inspect top of HEP hatch.	<input checked="" type="checkbox"/>
357.	Inspect #2 cooling fan. Number of blades: _____	<input checked="" type="checkbox"/>
358.	Inspect #1 cooling fan. Number of blades: _____	<input checked="" type="checkbox"/>
359.	Inspect top of cooling hatch.	<input checked="" type="checkbox"/>
360.	Inspect DB blower motor. Number of blades: _____	<input checked="" type="checkbox"/>
361.	Inspect top of DB hatch.	<input checked="" type="checkbox"/>
362.	Inspect top of exhaust hatch.	<input checked="" type="checkbox"/>
363.	Inspect top of inertial hatch.	<input checked="" type="checkbox"/>
364.	Inspect top of cab roof.	<input checked="" type="checkbox"/>
365.	Inspect radio antenna.	<input checked="" type="checkbox"/>
366.	Inspect horn. Number of trumpets: _____	<input checked="" type="checkbox"/>
367.	Inspect bell.	<input checked="" type="checkbox"/>
368.	Inspect windshield guards.	<input checked="" type="checkbox"/>
369.	Inspect wiper arms.	<input checked="" type="checkbox"/>
370.	Inspect front marker lights.	<input checked="" type="checkbox"/>
371.	Inspect front number boards.	<input checked="" type="checkbox"/>
372.	Inspect front sand fill.	<input checked="" type="checkbox"/>

	Both Right front & left front fenders broken Right side front brake light bent out Right side speed control bar secured improperly Replace all sound dampers in cab dash boards Front lathe tie main fan necessary broken Excessive oil in engine and generator room Layling missing on exhaust pipe for HEP engine Left side door light housing broken	<input checked="" type="checkbox"/>
		<input checked="" type="checkbox"/>

MPI Inspector Signature:

MBTA Inspector Signature:

1. DATE	MPQA/210	2. DEPARTMENT	MBTA Inbound Inspection
2. POSITION	QA	3. INSPECTOR	D. Gabbola I. Boston

1. DATE	4/25/02	2. DEPARTMENT	MBTA Inbound Inspection
2. POSITION	QA	3. INSPECTOR	D. Gabbola I. Boston

GP40 Road Number 6698

Inspection Date: 12-9-2009



Contract: ~~NEBB~~ CDOT
Road Number: 669B
(See p. 3 for breakdown)

G-P40-24

Model: F40PH-2E

S/O Number:

E4 M D

Inspection Date: 12-9-02
Frame Serial Number:

FROM STV PHILADELPHIA

(FRI) 5.17' 02 10:27 /ST. 10:26 /NO. 4862240490 P 2

1.	Inspect front brake pipe hose.	OK
2.	Inspect all other front M.U. air hoses.	OK
3.	Inspect L.F. electrical M.U. receptacles.	OK
4.	Inspect plow.	OK
5.	Inspect front coupler & pocket.	OK
6.	Inspect front cul levers.	OK
7.	Inspect front electrical M.U. jumper harness.	OK
8.	Inspect anti-climber.	OK
9.	Inspect front of the short nose.	OK
10.	Inspect front headlights.	OK
11.	Inspect ditch lights.	OK
12.	Inspect R.F. electrical M.U. receptacles.	OK
13.	Inspect R.F. pilot plate.	OK
14.	Inspect R.F. steps.	OK
15.	Inspect R.F. step light.	OK
16.	Inspect R.F. track receivers & brackets.	OK
17.	Inspect all R.F. air M.U. piping & valves.	OK
18.	Inspect R.F. sand nozzle.	OK
19.	Inspect R.F. sand hose.	OK
20.	Inspect R.F. sand trap compartment, & door.	Front on floor
21.	Inspect R.F. grab irons.	OK
22.	Inspect R.S. flag holder.	OK
23.	Inspect R.S. stationary window.	Rest around frame
24.	Inspect R.S. wind deflector/mirror.	OK
25.	Inspect R.S. sash window, frame, & weep hole cover.	OK
26.	Inspect R.S. armrest.	OK
27.	Inspect R.S. cab & short nose wall.	OK
28.	Inspect R.S. cab door.	Rest on door and window frame
29.	Inspect R.S. cab vertical handrails.	OK
30.	Inspect R.S. ABC door & hinges.	OK
31.	Inspect R.S. ABC air equipment.	OK
32.	Inspect R.S. cab steps.	OK
33.	Inspect R.S. cab step light.	OK
34.	Inspect R.S. # 1 truck side bearing & truck hold down.	OK
35.	Inspect # 1 traction motor.	OK

Completed	MPQA 216	Completed	MTA Inbound Inspection
12/23/02	QA	12/23/02	D. Gabiola - Approved

Road Number: 6698

36.	Inspect # 2 traction motor.	✓/C
37.	Inspect # 1 truck plenum boots & rods.	✓/C
38.	# 1 truck frame serial number. <u>12104</u>	✓/C
39.	Inspect R.S. # 1 truck brake cylinder.	✓/C
40.	Inspect R.S. # 1 truck air piping.	✓/C
41.	Inspect R.S. # 1 truck brake cut out valve.	✓/C
42.	Inspect R.S. # 1 truck brake lever.	✓/C
43.	Inspect R.S. # 1 truck brake shoes.	✓/C
44.	Inspect R.S. # 1 truck slack adjuster. Type: pin/screw.	✓/C
45.	Inspect R.S. # 1 truck journal boxes. Type: layalt/timken.	✓/C
46.	Inspect R.S. # 1 truck journal bearings & pads.	✓/C
47.	Inspect R.S. # 1 truck pedestal liners.	✓/C
48.	Inspect R.S. # 1 truck pedestal flanges.	✓/C
49.	Inspect R.S. # 1 truck shock absorbers.	✓/C
50.	Inspect R.S. # 1 truck spring plates.	✓/C
51.	Inspect R.S. # 1 truck spring safety straps.	✓/C
52.	Inspect R.S. # 1 truck swing hanger.	✓/C
53.	Inspect R.S. high voltage cables & cleats.	✓/C
54.	Inspect R.S. AEI tag.	✓/C
55.	Inspect R.S. car body side sill.	✓/C
56.	Inspect R.S. car body panels.	Not
57.	Inspect R.S. barn doors.	✓/C - ✓/Y
58.	Inspect R.S. prime mover inertial filter screen.	✓/C
59.	Inspect R.S. D. B. grids & cover.	✓/C
60.	Inspect R.S. shutter screens.	✓/C
61.	Inspect R.S. HEP hatch screens.	Covered w/ 74" x 1' of road dirt
62.	Inspect air dryer.	✓/C
63.	Inspect air reservoir filters. Type: 818/824/975	✓/C
64.	Inspect air reservoirs & piping.	✓/C
65.	Inspect R.S. of fuel tank.	✓/C
66.	Inspect R.S. fuel filt. Type: <u>Syndent</u> .	✓/C
67.	Inspect R.S. fuel tank dial gauge. Capacity: <u>1200</u>	✓/C
68.	Inspect R.S. fuel tank sight glass.	✓/C
69.	Inspect R.S. fuel piping.	✓/C
70.	Inspect # 3 traction motor.	✓/C

Equipment	MPQA210	Technician	MBTA Inbound Inspection	Inspector	A	Signature
Technician	QA	Technician	D. Gabrial	Inbound	475/02	Signature

Road Number: 6698

Task	Description	Condition
71.	Inspect #4 traction motor.	OK
72.	Inspect #2 truck plenum boots & rods.	OK
73.	#2 truck frame serial number. <u>7322 1163</u>	OK
74.	Inspect R.S. #2 truck brake cylinder.	OK
75.	Inspect R.S. #2 truck air piping.	OK
76.	Inspect R.S. #2 truck brake cut out valve.	OK
77.	Inspect R.S. #2 truck brake levers.	OK
78.	Inspect R.S. #2 truck brake shoes.	OK
79.	Inspect R.S. #2 truck slack adjusters. Type: pin/screw.	OK
80.	Inspect R.S. #2 truck journal boxes. Type: hyatt/Unken.	OK
81.	Inspect R.S. #2 truck journal springs & pads.	OK
82.	Inspect R.S. #2 truck pedestal liners.	Cracked
83.	Inspect R.S. #2 truck pedestal tie bars.	OK
84.	Inspect R.S. #2 truck shock absorbers.	Bushing's worn
85.	Inspect R.S. #2 truck spring plant.	OK
86.	Inspect R.S. #2 truck spring safety straps.	OK
87.	Inspect R.S. #2 truck swing hanger.	OK
88.	Inspect R.S. #2 truck side bearing & truck hold down.	OK
89.	Inspect R.R. #8 vent valve.	OK
90.	Inspect R.R. steps.	OK
91.	Inspect R.R. step light.	OK
92.	Inspect all R.R. air M.U. piping & valves.	OK
93.	Inspect R.R. sand nozzle.	OK
94.	Inspect R.R. sand hole.	OK
95.	Inspect R.R. sand trap; compartment, & door.	OK
96.	Inspect R.R. vertical handrails.	OK
97.	Inspect R.R. flag holder.	OK
98.	Inspect R.R. pilot plate.	OK
99.	Inspect rear brake pipe hole.	OK
100.	Inspect all other rear M.U. air hoses.	OK
101.	Inspect R.R. electrical M.U. receptacles.	OK
102.	Inspect rear coupler & pocket.	OK
103.	Inspect rear cut levers.	OK
104.	Inspect rear electrical M.U. jumper hanger.	OK
105.	Inspect bottom of rear walkway.	OK

Prepared By	MP/CA/210	Reviewed By	MBTA Inbound Inspection	Supervisor	Date
R. Smith/EPPM	QA	Prepared by D. Gabola	Approved by L. Boston	4/25/02	Inbound Inspection

Road Number: 6628

106.	Inspect buffer plates.	
107.	Inspect rear handrails, stanchions, & safety chain.	o/c
108.	Inspect L.R. pilot plate.	o/c
109.	Inspect L.R. electrical M.U. receptacle.	o/c
110.	Inspect L.R. steps.	o/c
111.	Inspect L.R. step light.	o/c
112.	Inspect all L.R. air M.U. piping & valves.	o/c
113.	Inspect L.R. sand nozzle.	o/c
114.	Inspect L.R. sand hose.	o/c
115.	Inspect L.R. sand trap compartment, & door.	o/c
116.	Inspect L.R. vertical handrails.	o/c
117.	Inspect L.R. flag holder.	o/c
118.	Inspect L.S. # 2 truck brake cylinder.	o/c
119.	Inspect L.S. # 2 truck air piping.	o/c
120.	Inspect L.S. # 2 truck brake lever.	o/c
121.	Inspect L.S. # 2 truck brake shoes.	o/c
122.	Inspect L.S. # 2 truck track adjusters. Type: pin/screw.	o/c
123.	Inspect L.S. # 2 truck journal boxes. Type: hyatt/linken.	o/c
124.	Inspect L.S. # 2 truck journal springs & pads.	o/c
125.	Inspect L.S. # 2 truck pedestal liners.	o/c
126.	Inspect L.S. # 2 truck pedestal tie bars.	o/c
127.	Inspect L.S. # 2 truck shock absorbers.	o/c
128.	Inspect L.S. # 2 truck spring plank.	o/c
129.	Inspect L.S. # 2 truck spring safety straps.	o/c
130.	Inspect L.S. # 2 truck swing banner.	o/c
131.	Inspect # 2 truck axle generator.	o/c
132.	Inspect L.S. # 2 truck side bearing & truck hold down.	o/c
133.	Inspect L.S. high voltage cables & cleats.	o/c
134.	Inspect L.S. AEI tag.	
135.	Inspect L.S. car body side sill.	o/c
136.	Inspect L.S. car body panels.	o/c
137.	Inspect L.S. barn doors.	o/c
138.	Inspect L.S. HEP hatch screens.	o/c
139.	Inspect L.S. shutter screens.	o/c
140.	Inspect L.S. D. B. grids & cover.	o/c

Examination	MP/QA/210	Examination	MBTA Inbound Inspection
Examination	QA	Examination	D. Gabrial

Road Number: 6698

141.	Inspect L.S. prime mover inertial filter screen.	O/C
142.	Inspect L.S. fuel piping.	O/C
143.	Inspect L.S. of fuel tank.	O/C
144.	Inspect L.S. fuel fill. Type: Sp.oder e. Houston 145. Inspect L.S. fuel tank dial gauge. Capacity: 1400	O/C Right side digital fuel gauge missing.
146.	Inspect L.S. fuel tank sight glass.	O/C
147.	Inspect battery box, batteries, & doors.	Both doors rotted and both fibers rotted three
148.	Inspect L.S. engine room door steps.	O/C
149.	Inspect L.S. engine room door step light.	O/C
150.	Inspect L.S. engine room door vertical handrails.	O/C
151.	Inspect L.S. engine room door.	O/C
152.	Inspect L.S. # 1 truck brake cylinder.	O/C
153.	Inspect L.S. # 1 truck air piping.	O/C
154.	Inspect L.S. # 1 truck brake levers.	O/C
155.	Inspect L.S. # 1 truck brake shoes.	O/C
156.	Inspect L.S. # 1 truck slack adjusters. Type: ph/acrew.	O/C
157.	Inspect L.S. # 1 truck journal boxes. Type: hyatt/thinkee.	O/C
158.	Inspect L.S. # 1 truck journal springs & pads.	O/C
159.	Inspect L.S. # 1 truck pedestal liners.	O/C
160.	Inspect L.S. # 1 truck pedestal tie bars.	O/C
161.	Inspect L.S. # 1 truck shock absorbers.	Bushings rotted.
162.	Inspect L.S. # 1 truck spring plank.	O/C
163.	Inspect L.S. # 1 truck spring safety straps.	O/C
164.	Inspect L.S. # 1 truck swing hanger.	O/C
165.	Inspect # 1 truck axle generator.	O/C
166.	Inspect L.S. # 1 truck side bearing & truck hold down.	O/C
167.	Inspect L.S. cab steps.	O/C
168.	Inspect L.S. cab step light.	O/C
169.	Inspect L.S. cab vertical handrails.	O/C
170.	Inspect L.S. cab door.	O/C
171.	Inspect L.S. sash window, frame, & weep hole cover.	O/C
172.	Inspect L.S. armrest.	O/C
173.	Inspect L.S. flag holder.	O/C
174.	Inspect L.S. stationary window.	O/C
175.	Inspect L.S. wind deflector/mirror.	MISSING

Document Control	MP/QA/210	Prepared by	MBTA Inbound inspection	Date Received	A	Reviewed by	Initials
Prepared by	QA	Approved by	D. Oakdale	Approved by	L. Boston	Approved by	4/23/02

Road Number: 6628

176.	Inspect L.S. cab & short nose wall.	O/C		
177.	Inspect L.S. ABC door & hinges.	O/C		
178.	Inspect L.S. ABC air equipment.	O/C		
179.	Inspect R.K. # 8 vent valve.	O/C		
180.	Inspect L.F. steps.	O/C		
181.	Inspect L.F. step light.	O/C		
182.	Inspect all L.F. air M.U. piping & valves.	O/C		
183.	Inspect L.F. sand nozzle.	O/C		
184.	Inspect L.F. sand hose.	O/C		
185.	Inspect L.F. sand trap, compartment, & door.	O/C		
186.	Inspect L.F. grab irons.	O/C		
187.	Inspect L.F. track receivers & brackets.	O/C		
188.	Inspect L.F. pilot plate.	O/C		
189.	Inspect short nose for rust damage.	O/C		
190.	Inspect front sand box.	EX O/C Sand trap compartment to 200.		
191.	Inspect front sandier MV.	O/C		
192.	Inspect ditch light pulser box.	O/C		
193.	Inspect radiapa power supply.	EP/EP		
194.	Inspect event recorder. Type:	O/C		
195.	Inspect event recorder D plug.	M/H		
196.	Inspect cab signal box.	O/C		
197.	Inspect short nose door, latch, & keeper.	O/C		
198.	Inspect short nose steps & access covers.	O/C		
199.	Inspect cab fire extinguisher. Type: ?	O/C		
200.	Inspect work book holder.	?		
201.	Inspect control stand electrical components.	O/C		
202.	Inspect control stand air components.	O/C		
203.	Inspect PA control head.	EP		
204.	Inspect radio.	O/C		
205.	Inspect brake handles.	S/N:		
206.	Inspect controller. Note the part & serial numbers.	O/C		P/N:
207.	Inspect speed indicator. Type: _____			
208.	Inspect R.S. main cab heater.	O/C		
209.	Inspect R.S. sidewall heater.	O/C		
210.	Inspect R.S. seat rail.	O/C		

Disassembly	MP/QA/230	Reassembly	MTB Inbound Inspection
QA	11/02/02	QA	11/02/02
QA	11/02/02	QA	11/02/02
QA	11/02/02	QA	11/02/02
QA	11/02/02	QA	11/02/02

Road Number: 6628

Task	Condition	Notes
211. Inspect R.S. seat & tripod.	O/C	
212. Inspect R.S. cab wall.	O/C	
213. Inspect R.S. sash window.	O/C	
214. Inspect R.S. stationary window.	O/C	
215. Inspect R.S. cab light.	No power	
216. Inspect R.S. cab door.	O/C	
217. Inspect front cab wall.	O/C	
218. Inspect alertor. Type: /	Replace	
219. Inspect windshield wiper motor covers.	O/C	
220. Inspect windshield wiper motor covers.	O/C	need to be replace.
221. Inspect sun visors. Quantity: /	O/C	
222. Inspect R.S. windshield & frame.	O/C	
223. Inspect L.S. windshield & frame.	O/C	
224. Inspect trashcan & liner.	O/C	
225. Inspect layover heater.	OK	
226. Inspect L.S. main cab heater.	O/C	
227. Inspect emergency brake valve.	O/C - No Power	
228. Inspect L.S. sidewall heater.	O/C	
229. Inspect L.S. seat rail.	O/C	
230. Inspect L.S. seat & tripod.	O/C	
231. Inspect L.S. cab wall.	O/C	
232. Inspect L.S. sash window.	O/C	
233. Inspect L.S. stationary window.	O/C	
234. Inspect L.S. cab light.	Yes	
235. Inspect L.S. cab door.	O/C	
236. Inspect refrigerator above.	O/C	
237. Inspect fuse/kerpodo holder.	Broken	
238. Inspect cardholders. Quantity: 3		
239. Blue card in unit. Yes or No.		
240. Inspect first aid kit.	O/C	
241. Inspect cab ceiling.	O/C	
242. Inspect cab floor.	O/C	
243. Inspect trap doors.	O/C	
244. Inspect HVAC exterior.		
245. Inspect HEP remote panel.	O/C	

Inspection Dates	MTQ/MTD	Inspector	MBTA Inbound Inspection
5/17/02	QX	D. Orlowski	L. Boston

Road Number: 6629

Task	Description	Model:	S/N:
246.	Inspect engine control panel.	o/c	
247.	Inspect HVC components.	o/c	
248.	Inspect Dash 2 modules.		
249.	Inspect cab to engine room door.		
250.	Inspect cab to engine room steps.		
251.	Inspect fresh air room door.		
252.	Inspect HVC rear doors.		
253.	Inspect fresh air room floor.		
254.	Inspect engine intake filters & cage. Type: baffle/paper		
255.	Inspect R.S. inertial filter.		
256.	Inspect inertial blower motor.		
257.	Inspect L.S. inertial filter.		
258.	Inspect inertial filter drains.		
259.	Inspect aux generator/fan blower.		
260.	Inspect HVC filter box.		
261.	Inspect main generator. Note model & serial numbers.		
262.	Inspect fresh air room wall.	o/c	
263.	Inspect exhaust silencer.	o/c	
264.	Inspect L.S. of turbocharger.	o/c	
265.	Inspect lube oil separator.	o/c	
266.	Inspect L.S. after cooler.	o/c	
267.	Inspect flywheel.		
268.	Inspect L.S. flywheel guard.	o/c	
269.	Inspect engine room fire extinguisher. Type:	o/c	
270.	Inspect R.S. DB cable heat shield.	—	
271.	Inspect L.S. engine handhold & top deck covers.	o/c	
272.	Inspect L.S. engine internal components.	o/c	
273.	Inspect L.S. engine heat shields.	o/c	
274.	Inspect L.S. engine exhaust manifolds.	—	
275.	Inspect L.S. engine struts.	o/c	
276.	Inspect governor. Note part & serial numbers.	P/N:	
277.	Inspect lay shaft lever.	o/c	
278.	Inspect engine protector. Type:	o/c	
279.	Inspect water pump(s).	o/c	
280.	Inspect main oil pump.	o/c	

Task	Model:	Part #	MBTA Inbound Inspection
276.	MP/QA/230	415302	A

Road Number: 6698

282.	Inspect piston cooling oil pump.	OK
282.	Inspect scavenging oil pump.	OK
283.	Inspect automatic water drain valve.	OK
284.	Inspect R.S. shutters.	OK
285.	Inspect engine start station.	OK
286.	Inspect expansion tank water fill.	OK
287.	Inspect expansion tank sight glass.	OK
288.	Water treatment. Yes or No.	OK
289.	Inspect shutter test valve.	—
290.	Inspect load regulator. Type: New or Old	OK
291.	Inspect CCS, MV's, air pressure gauge etc.	OK
292.	Inspect A/C cabinet components.	OK
293.	Inspect temperature control box.	—
294.	Inspect temperature switch manifold.	—
295.	Inspect temperature switches. Type:	—
296.	Inspect water piping.	OK
297.	Inspect compressor drive live.	OK
298.	Inspect compressor drive line guards.	OK
299.	Inspect air compressor. Note MFR/model/serial number	MFR: _____ Model: _____ SN: _____
300.	Inspect prime mover layover water heater.	—
301.	Inspect R.S. HEP compartment door.	OK
302.	Inspect HEP inertial blower etc.	—
303.	Inspect HEP fire extinguisher. Type:	OK
304.	Inspect rear sand MV.	OK
305.	Inspect rear sand box.	OK
306.	Inspect HEP expansion tank.	OK
307.	Inspect rear platform light lens.	OK
308.	Inspect handbrake.	OK
309.	Inspect HEP engine. Note model & serial numbers.	Model: _____ SN: _____
310.	Inspect HEP alternator. Note model & serial numbers.	Model: _____ SN: _____
311.	Inspect HEP relay cabinet.	OK
312.	Inspect HEP cabinet filter box.	—
313.	Inspect HEP contactor cabinet.	OK
314.	Inspect L.S. HEP compartment door.	OK
315.	Inspect prime mover layover water pump.	OK

Prepared By	MP QA/210	Designated MBTA Inspect	MBTA Inspect
QA	QA	D. Gabola	L. Boston

Road Number: 4698

316.	Inspect primary fuel filter housing.	OK
317.	Inspect lube oil filter housing.	OK
318.	Inspect oil cooler.	OK
319.	Inspect fuel pump. Motor HP: $\frac{1}{4}$ or $\frac{3}{4}$	OK
320.	Inspect fuel suction strainer housing.	OK
321.	Inspect battery charger.	OK - NO Power
322.	Inspect fuel pre-heater.	OK
323.	Inspect lube oil strainer housing.	OK
324.	Inspect fuel spin on filters.	OK
325.	Inspect fuel sight glasses.	OK
326.	Inspect prime mover layover tube oil pump.	OK
327.	Inspect R.S. engine steps.	OK
328.	Inspect R.S. engine handhold & top deck covers.	OK
329.	Inspect R.S. engine internal components.	-
330.	Inspect R.S. engine heat shields.	OK
331.	Inspect R.S. engine exhaust manifolds.	OK
332.	Note engine model & serial numbers.	Model: _____ SN: _____
333.	Inspect lube oil dipstick. Type: long/short	285
334.	Oil in engine. Yes or No	OK
335.	Inspect turbo lube pump. Motor HP: $\frac{1}{4}$ or $\frac{3}{4}$	OK
336.	Inspect turbo lube oil filter.	OK
337.	Inspect starter motors 1 or 2	2 OK
338.	Inspect starter motor cover.	OK
339.	Inspect R.S. of turbocharger. Note model/serial numbers.	Model: _____ SN: _____
340.	Inspect aux drive.	OK
341.	Inspect auxiliary generator/driveline & cover.	OK
342.	Inspect auxiliary generator access covers.	OK
343.	Inspect L.S. after cooler.	OK
344.	Inspect L.S. flywheel guard.	OK
345.	Inspect R.S. DB cable heat shield.	OK
346.	Inspect engine roll bar.	- did not see
347.	Inspect L.S. engine room door.	OK
348.	Inspect end body door.	OK
349.	Inspect rear handrails, stanchions & safety chain.	OK
350.	Inspect end body ladder.	OK

Examination	MPN/QC#	Description	MFTA Inbound Inspection	Comments
Initial Inspection	QA	Pre-inspection QA	D. Gabiola / J. Aponte	L. Boston / S. Hernandez A 4/17/02

Road Number: 6638

351.	Inspect rear headlights.	—	—
352.	Inspect rear marker lights.	—	—
353.	Inspect rear sand fill.	OK	OK
354.	Inspect HEP expansion tank cover.	OK	OK
355.	Inspect HEP cooling fan. Number of blades:	4	4
356.	Inspect top of HEP hatch.	OK	OK
357.	Inspect #2 cooling fan. Number of blades:	OK	OK
358.	Inspect #1 cooling fan. Number of blades:	OK	OK
359.	Inspect top of cooling hatch.	OK	OK
360.	Inspect DB blower motor. Number of blades:	OK	OK
361.	Inspect top of DB hatch.	OK	OK
362.	Inspect top of exhaust hatch.	OK	OK
363.	Inspect top of inertial hatch.	OK	OK
364.	Inspect top of cab roof.	OK	OK
365.	Inspect radio antenna.	OK	OK
366.	Inspect horn. Number of trumpet:	cracked and chipped trumpet	
367.	Inspect bell.	OK	OK
368.	Inspect windshield guards.	—	—
369.	Inspect wiper arms.	OK	OK
370.	Inspect front marker lights.	—	—
371.	Inspect front number boards.	OK	OK
372.	Inspect front sand fill.	OK	OK

1	Rust inside front sand bags box.
2	Rear truck covered in oil.
3	Right side wires under canopy covered in oil.
4	Left cockpit cover not covered in oil.
5	Rust around front windows.
6	Left side headlight broken.

MPI Inspector Signature:

MBTA Inspector Signature:

INSPRATOR SIGNATURE	MPQA/230	DATE	MBTA Inbound Inspection
QA	17/5/02	D. Gattois	L. Brown

GP40 Road Number 6699

Inspection Date: 12/10/2008

■STV

GP46-LH

Contract: 6699 CDOT

Model: E40PH-2C

S/O Number: 6699

Inspection Date: 12/10/08

Frame Serial Number:

EMD

(See page for headins)

1.	Inspect front brake pipe hose.	✓
2.	Inspect all other front M.U. air hoses.	✓
3.	Inspect L.F. electrical M.U. receptacles.	✓
4.	Inspect plow.	✓
5.	Inspect front coupler & pocket.	Pocket N/A
6.	Inspect front cut levers.	✓
7.	Inspect front electrical M.U. jumper hanger.	✓
8.	Inspect anti-climber.	✓
9.	Inspect front of the short nose.	✓
10.	Inspect front headlights.	✓
11.	Inspect ditch lights.	✓
12.	Inspect R.F. electrical M.U. receptacles.	✓
13.	Inspect R.F. pilot plate.	✓
14.	Inspect R.F. steps.	✓
15.	Inspect R.F. step light.	✓
16.	Inspect R.F. track receivers & brackets.	✓
17.	Inspect all R.F. air M.U. piping & valves.	✓
18.	Inspect R.F. sand nozzle.	✓
19.	Inspect R.F. sand hose.	✓
20.	Inspect R.F. sand trap, compartment, & door.	✓
21.	Inspect R.F. grab irons.	✓
22.	Inspect R.S. flag holder.	✓
23.	Inspect R.S. stationary window.	✓
24.	Inspect R.S. wind deflector/mirror.	✓
25.	Inspect R.S. wash window, frame, & weep hole cover.	✓
26.	Inspect R.S. armrest.	✓
27.	Inspect R.S. cab & short nose wall.	✓
28.	Inspect R.S. cab door.	✓
29.	Inspect R.S. cab vertical handrails.	✓
30.	Inspect R.S. ABC door & hinges.	✓
31.	Inspect R.S. ABC air equipment.	✓
32.	Inspect R.S. cab steps.	✓
33.	Inspect R.S. cab step light.	✓
34.	Inspect R.S. # 1 truck side bearing & truck hold down.	✓
35.	Inspect # 1 traction motor.	N/A

Department	MPQA/230	Designation	MFTA Inbound Inspection	Date	Comments
Engineering QA	Engineering QA	D. Gibbons	L. Ranson	4/25/02	Eng. Dept. Review

Road Number:

GARAGE 5

36.	Inspect # 2 traction motor.	VA
37.	Inspect # 1 truck plenum boots & rods.	✓
38.	# 1 truck frame serial number.	19016
39.	Inspect R.S. # 1 truck brake cylinder.	✓
40.	Inspect R.S. # 1 truck air piping.	✓
41.	Inspect R.S. # 1 truck brake cut out valve.	✓
42.	Inspect R.S. # 1 truck brake levers.	✓
43.	Inspect R.S. # 1 truck brake shoes.	✓
44.	Inspect R.S. # 1 truck slack adjusters. Type: pin/screw.	✓
45.	Inspect R.S. # 1 truck journal boxes. Type: hyatt/timken.	✓
46.	Inspect R.S. # 1 truck journal springs & pads.	✓
47.	Inspect R.S. # 1 truck pedestal juncrs.	✓
48.	Inspect R.S. # 1 truck pedestal tie bars.	✓
49.	Inspect R.S. # 1 truck shock absorbers.	✓
50.	Inspect R.S. # 1 truck spring plank.	✓
51.	Inspect R.S. # 1 truck spring safety straps.	✓
52.	Inspect R.S. # 1 truck swing hanger.	✓
53.	Inspect R.S. high voltage cables & cleats.	✓
54.	Inspect R.S. AEI tag.	✓
55.	Inspect R.S. car body side sill.	✓
56.	Inspect R.S. car body panels.	✓
57.	Inspect R.S. barn doors.	✓
58.	Inspect R.S. prime mover inertial filter screen.	✓
59.	Inspect R.S. D. B. grids & cover.	✓
60.	Inspect R.S. shutter screens.	✓
61.	Inspect R.S. HEP hatch screens.	✓
62.	Inspect air dryer.	✓
63.	Inspect air reservoir filters. Type: 318/824/975	✓
64.	Inspect air reservoirs & piping.	✓
65.	Inspect R.S. of fuel tank.	✓
66.	Inspect R.S. fuel fill. Type:	✓
67.	Inspect R.S. fuel tank dial gauge. Capacity:	✓
68.	Inspect R.S. fuel tank sight glass.	✓
69.	Inspect R.S. fuel piping.	✓
70.	Inspect # 3 traction motor.	VA

Examination	MPIQA230	Examination	MFTA Inbound Inspection
Prepared by	QA	Prepared by	D. Gribolia L. Boston

Road Number:

71.	Inspect # 4 fraction motor.	✓
72.	Inspect # 2 truck plenum boots & rods.	✓
73.	# 2 truck frame serial number.	✓
74.	Inspect R.S. # 2 truck brake cylinder.	✓
75.	Inspect R.S. # 2 truck air piping.	✓
76.	Inspect R.S. # 2 truck brake cut out valve.	✓
77.	Inspect R.S. # 2 truck brake levers.	✓
78.	Inspect R.S. # 2 truck brake shades.	✓
79.	Inspect R.S. # 2 truck slack adjusters. Type: pin/serew.	✓
80.	Inspect R.S. # 2 truck journal boxes. Type: hyatt/dinken.	✓
81.	Inspect R.S. # 2 truck journal springs & pads.	✓
82.	Inspect R.S. # 2 truck pedestal liners.	✓
83.	Inspect R.S. # 2 truck pedestal tie bars.	✓
84.	Inspect R.S. # 2 truck shock absorbers.	✗
85.	Inspect R.S. # 2 truck spring plank.	✓
86.	Inspect R.S. # 2 truck spring safety straps.	✓
87.	Inspect R.S. # 2 truck swing hanger.	✓
88.	Inspect R.S. # 2 truck side bearing & truck hold down.	✓
89.	Inspect R.R. # 3 vent valve.	✓
90.	Inspect R.R. steps.	✓
91.	Inspect R.R. step light.	✓
92.	Inspect all R.R. air M.U. piping & valves.	✗
93.	Inspect R.R. sand nozzle.	✓
94.	Inspect R.R. sand hose.	✓
95.	Inspect R.R. sand trap compartment, & door.	✓
96.	Inspect R.R. vertical handrails.	✓
97.	Inspect R.R. flag holder.	✓
98.	Inspect R.R. pilot plate.	✓
99.	Inspect rear brake pipe hose.	✗
100.	Inspect all other rear M.U. air hoses.	✓
101.	Inspect R.R. electrical M.U. receptacles.	✓
102.	Inspect rear coupler & pocket.	Defect N/A
103.	Inspect rear cut levers.	✓
104.	Inspect rear electrical M.U. jumper hanger.	✓
105.	Inspect bottom of rear walkway.	✓

Reporting Officer	MR/QA/230	Designated Person	MFTA Inbound Inspection
Reporting Officer	QA	Prepared By:	D. Gobino

Road Number:

106.	Inspect buffer plates.
107.	Inspect rear handrails, stanchions, & safety chain.
108.	Inspect L.R. pilot plate.
109.	Inspect L.R. electrical M.U. receptacles.
110.	Inspect L.R. steps.
111.	Inspect L.R. step light.
112.	Inspect all L.R. air M.U. piping & valves.
113.	Inspect L.R. sand nozzle.
114.	Inspect L.R. sand hose.
115.	Inspect L.R. sand trap compartment, & door.
116.	Inspect L.R. vertical handrails.
117.	Inspect L.R. flag holder.
118.	Inspect L.S. # 2 truck brake cylinder.
119.	Inspect L.S. # 2 truck air piping.
120.	Inspect L.S. # 2 truck brake lever.
121.	Inspect L.S. # 2 truck brake shoe.
122.	Inspect L.S. # 2 truck slack adjusters. Type: ph/screw.
123.	Inspect L.S. # 2 truck journal boxes. Type: hyatt/limkern.
124.	Inspect L.S. # 2 truck journal springs & pads.
125.	Inspect L.S. # 2 truck pedestal liners.
126.	Inspect L.S. # 2 truck shock absorbers.
127.	Inspect L.S. # 2 truck shock absorbers.
128.	Inspect L.S. # 2 truck spring plank.
129.	Inspect L.S. # 2 truck spring safety straps.
130.	Inspect L.S. # 2 truck swing bauger.
131.	Inspect # 2 truck axle generator.
132.	Inspect L.S. # 2 truck side bearing & truck hold down.
133.	Inspect L.S. high voltage cables & cleats.
134.	Inspect L.S. AEI tag.
135.	Inspect L.S. car body side sill.
136.	Inspect L.S. car body panels.
137.	Inspect L.S. barn doors.
138.	Inspect L.S. HEP hatch screens.
139.	Inspect L.S. shutter screens.
140.	Inspect L.S. D.B. grids & cover.

Document No.	MPOA/210	Editor	NBTA Inbound Inspection	Page
Assisting Person	QA	D. Gabola	L. Boston	7

Road Number:

141.	Inspect L.S. prime mover inertial filter screen.	✓
142.	Inspect L.S. fuel piping.	✓
143.	Inspect L.S. of fuel tank.	✓
144.	Inspect L.S. fuel fill. Type:	
145.	Inspect L.S. fuel tank dial gauge. Capacity:	✓
146.	Inspect L.S. fuel tank sight glass.	✓
147.	Inspect battery box, batteries, & doors.	✓
148.	Inspect L.S. engine room door steps.	✓
149.	Inspect L.S. engine room door step light.	✓
150.	Inspect L.S. engine room door vertical handrails.	✓
151.	Inspect L.S. engine room door.	✓
152.	Inspect L.S. # 1 truck brake cylinder.	✓
153.	Inspect L.S. # 1 truck air piping.	✓
154.	Inspect L.S. # 1 truck brake levers.	✓
155.	Inspect L.S. # 1 truck brake shoes.	✓
156.	Inspect L.S. # 1 truck slack adjusters. Type: pin/screw.	✓
157.	Inspect L.S. # 1 truck journal boxes. Type: hyatt/timken.	✓
158.	Inspect L.S. # 1 truck journal springs & pads.	✓
159.	Inspect L.S. # 1 truck pedestal liners.	✓
160.	Inspect L.S. # 1 truck pedestal tie bars.	✓
161.	Inspect L.S. # 1 truck shock absorbers.	✓
162.	Inspect L.S. # 1 truck spring plant.	✓
163.	Inspect L.S. # 1 truck spring safety straps.	✓
164.	Inspect L.S. # 1 truck swing hanger.	✓
165.	Inspect # 1 truck axle generator.	✓
166.	Inspect L.S. # 1 truck side bearing & truck hold down.	✓
167.	Inspect L.S. cab steps.	✓
168.	Inspect L.S. cab step light.	✓
169.	Inspect L.S. cab vertical handrails.	✓
170.	Inspect L.S. cab door.	✓
171.	Inspect L.S. sash window, frame, & weep hole cover.	✓
172.	Inspect L.S. armrest.	✓
173.	Inspect L.S. flag holder.	✓
174.	Inspect L.S. stationary window.	✓
175.	Inspect L.S. wind deflector/mirror.	✓

Inspection Date	MP/QM#10	Designator	MFTA Inbound Inspection	Location	Comments
5/17/02	QA	Transporter	D. Gobiole	L. Boston	47507

Road Number:

176.	Inspect L.S. cab & short nose wall.	/
177.	Inspect L.S. ABC door & hinges.	/
178.	Inspect L.S. ABC air equipment.	/
179.	Inspect R.F. # 8 vent valve.	/
180.	Inspect L.F. steps.	/
181.	Inspect L.F. step light.	/
182.	Inspect all L.F. air MU, piping & valves.	/
183.	Inspect L.F. sand nozzle.	/
184.	Inspect L.F. sand hose.	/
185.	Inspect L.F. sand trap, compartment, & door.	/
186.	Inspect L.F. grab irons.	/
187.	Inspect L.P. track receivers & brackets.	/
188.	Inspect L.F. pilot plate.	/
189.	Inspect short nose for rust damage.	X
190.	Inspect front sand box.	/
191.	Inspect front sander MV.	/
192.	Inspect ditch light pulser box.	/
193.	Inspect radio/pa power supply.	/
194.	Inspect event recorder. Type: <u>D.I.C.</u>	-
195.	Inspect event recorder ID plug.	/
196.	Inspect cb signal box.	/
197.	Inspect short nose door, latch, & keeper.	/
198.	Inspect short nose steps & access cover.	/
199.	Inspect cab fire extinguisher. Type:	/
200.	Inspect workbook holder.	/
201.	Inspect control stand electrical components.	/
202.	Inspect control stand air components.	/
203.	Inspect radio.	/
204.	Inspect PA control head.	/
205.	Inspect brake handles.	/
206.	Inspect controller. Note the part & serial number.	/
207.	Inspect speed indicator. Type: <u>D.H.W.</u>	P/N: _____
208.	Inspect R.S. main cab heater.	/
209.	Inspect R.S. sidewall heater.	/
210.	Inspect R.S. seat rail.	/

DoD/DoT/DoA/DoC	MP/QA/230	Design Review	MBTA Inbound Inspection	A
Providence	QA	D. Gribble	Appropriate	Boston
Providence	QA	D. Gribble	Inadequate	Boston
Providence	QA	D. Gribble	Inadequate	Boston
Providence	QA	D. Gribble	Inadequate	Boston

Road Number:

211.	Inspect R.S. seat & tripod.	
212.	Inspect R.S. cab wall.	
213.	Inspect R.S. sash window.	
214.	Inspect R.S. stationary window.	
215.	Inspect R.S. cab light.	
216.	Inspect R.S. cab door.	
217.	Inspect front cab wall.	
218.	Inspect alerter. Type: PHW	
219.	Inspect windshield wiper motors.	
220.	Inspect windshield wiper motor covers.	
221.	Inspect sun visors. Quantity:	
222.	Inspect R.S. windshield & frame.	
223.	Inspect L.S. windshield & frame.	
224.	Inspect trackbeam & liner.	
225.	Inspect layover heater.	
226.	Inspect L.S. main cab heater.	
227.	Inspect emergency brake valve.	
228.	Inspect L.S. sidewall heater.	
229.	Inspect L.S. seat rail.	
230.	Inspect L.S. seat & tripod.	
231.	Inspect L.S. cab wall.	
232.	Inspect L.S. sash window.	
233.	Inspect L.S. stationary window.	
234.	Inspect L.S. cab light.	
235.	Inspect L.S. cab door.	
236.	Inspect refrigerator glove.	
237.	Inspect fuse/torpedo holder.	
238.	Inspect cardholders. Quantity:	
239.	Blue card in unit. Yes or No.	No
240.	Inspect first aid kit.	
241.	Inspect cab ceiling.	
242.	Inspect cab floor.	
243.	Inspect trap doors.	
244.	Inspect HVC exterior.	
245.	Inspect HEP remote panel.	

Documented by:	MPQA/730	Date:	MBTA Inbound Inspection
Engineering QA	5/17/2002	5/17/2002	b. On site c. Approved by: L. Dorosz

Road Number: _____

246.	Inspect engine control panel.	✓							
247.	Inspect HVC components.	✓							
248.	Inspect Dash 2 modules.	✓							
249.	Inspect cab to engine room door.	✓							
250.	Inspect cab to engine room steps.	✓							
251.	Inspect fresh air room door.	✓							
252.	Inspect HVC rear doors.	✓							
253.	Inspect fresh air room floor.	✓							
254.	Inspect engine intake filters & cage. Type: baffle/paper	✓							
255.	Inspect R.S. inertial filter.	✓							
256.	Inspect inertial blower motor.	✓							
257.	Inspect L.S. inertial filter.	✓							
258.	Inspect inertial filter drains.	✓							
259.	Inspect aux generator/blower.	✓							
260.	Inspect HVC filter box.	✓							
261.	Inspect main generator. Note model & serial numbers.	✓							
262.	Inspect fresh air room wall.	✓							
263.	Inspect exhaust silencer.	✓							
264.	Inspect L.S. of turbocharger.	✓							
265.	Inspect lube oil separator.	✓							
266.	Inspect L.S. after cooler.	✓							
267.	Inspect flywheel.	✓							
268.	Inspect L.S. flywheel guard.	✓							
269.	Inspect engine room fire extinguisher. Type: _____	✓							
270.	Inspect R.S. DB cable heat shield.	✓							
271.	Inspect L.S. engine handhold & top deck covers.	✓							
272.	Inspect L.S. engine internal components.	✓							
273.	Inspect L.S. engine heat shields.	✓							
274.	Inspect L.S. engine exhaust manifolds.	✓							
275.	Inspect L.S. engine steps.	✓							
276.	Inspect governor. Note part & serial numbers.	✓							
277.	Inspect lay shaft lever.	✓							
278.	Inspect engine protector. Type: _____	✓							
279.	Inspect water pumps.	✓							
280.	Inspect main oil pump.	✓							

Inspection Date	MP/DA/210	Technician	MBTA Inbound Inspection
Inspection Date	QA	D. Gobiole	L. Bouth

Road Number:

282.	Inspect piston cooling oil pump.
282.	Inspect scavenging oil pump.
283.	Inspect automatic water drain valve.
284.	Inspect R.S. shutters.
285.	Inspect engine start station.
286.	Inspect expansion tank water fill.
287.	Inspect expansion tank sight glass.
288.	Water treatment. Yes or No. ✓ Yes
289.	Inspect shifter test valve.
290.	Inspect load regulator. Type: New or Old ✓ New
291.	Inspect CCS, MV's, air pressure gauge etc.
292.	Inspect A/C cabinet components.
293.	Inspect temperature control box.
294.	Inspect temperature switch manifold.
295.	Inspect temperature switches. Type: ✓
296.	Inspect water piping.
297.	Inspect compressor drive flye.
298.	Inspect compressor driveline guards.
299.	Inspect air compressor. Note MFR/model/serial number MFR: Gardner Denver Model: S/N:
300.	Inspect prime mover layover water heater.
301.	Inspect R.S. HEP compartment door.
302.	Inspect HEP inertial blower etc.
303.	Inspect HEP fire extinguisher. Type: ✓
304.	Inspect rear sander MV.
305.	Inspect rear sand box.
306.	Inspect HEP expansion tank.
307.	Inspect rear platform light lens.
308.	Inspect handbrake.
309.	Inspect HEP engine. Note model & serial numbers. Model: S/N:
310.	Inspect HEP alternator. Note model & serial numbers. Model: S/N:
311.	Inspect HEP relay cabinet.
312.	Inspect HEP cabinet filter box.
313.	Inspect HEP contactor cabinet.
314.	Inspect L.S. HEP compartment door.
315.	Inspect prime mover layover water pump.

Documented	MPQA230	Initial Inspection	MBTA Record of inspection	A
Reviewed	QA	Initial Inspection	D. Gabrio	Approved

Road Number: _____

316.	Inspect primary fuel filter housing.	✓
317.	Inspect lube oil filter housing.	✓
318.	Inspect oil cooler.	✓
319.	Inspect fuel pump. Motor HP: $\frac{1}{4}$ or $\frac{1}{4}$	✓
320.	Inspect fuel suction strainer housing.	✓
321.	Inspect battery charger.	✓
322.	Inspect fuel pre-heater.	✓
323.	Inspect tube oil strainer housing.	✓
324.	Inspect fuel spin on filters.	✓
325.	Inspect fuel sight glasses.	✓
326.	Inspect prime mover louver tube oil pump.	✓
327.	Inspect R.S. engine steps.	✓
328.	Inspect R.S. engine handhold & top deck covers.	✓
329.	Inspect R.S. engine internal components.	✓
330.	Inspect R.S. engine heat shields.	✓
331.	Inspect R.S. engine exhaust manifolds.	✓
332.	Note engine model & serial numbers.	—
333.	Inspect tube oil dipstick. Type: long/short	—
334.	Oil in engine. Yes or No	✓
335.	Inspect turbo lube pump. Motor HP: $\frac{1}{4}$ or $\frac{1}{4}$	—
336.	Inspect turbo lube oil filter.	✓
337.	Inspect starter motor. 1 or 2	✓
338.	Inspect starter motor cover.	✓
339.	Inspect R.S. of turbocharger. Note model/serial numbers.	✓
340.	Inspect aux drive.	✓
341.	Inspect auxiliary generator driveline & cover.	✓
342.	Inspect auxiliary generator access covers.	✓
343.	Inspect L.S. after cooler.	✓
344.	Inspect L.S. flywheel guard.	✓
345.	Inspect R.S. DB cable heat shield.	✓
346.	Inspect engine roll bar.	—
347.	Inspect L.S. engine room door.	✓
348.	Inspect end body door.	✓
349.	Inspect rear handrails, stanchions & safety chain.	✓
350.	Inspect end body ladder.	—

Prepared by:	MPQA/QA	Assisted by:	MPQA Inbound Inspection
Reviewed by:	QA	Prepared by:	L. Boston
Reviewed by:	D. Gabiola	Reviewed by:	4/25/02

FROM STV PHILADELPHIA

(FRI) 5.17'02 10:31/ST. 10:26/NO. 4862240490 P 12

Read Number:

Determinants (All)

Huge booster on cab refrigerator
Success racing on front end blower lights
-now red tops in engine room
Main pump flagged
Generator name blocked in oil
All machinery snaked in oil
Sound checkered 10 cab cabinets destroyed

MPI Inspector Signature:

MBTA Inspector Signature:

MP/Q/J20	QA	QA	QA	MBT 1 hub/round inspection	A
D. Gabrial	D. Gabrial	D. Gabrial	D. Gabrial	L. Bratton	4/25/02

Attachment #5

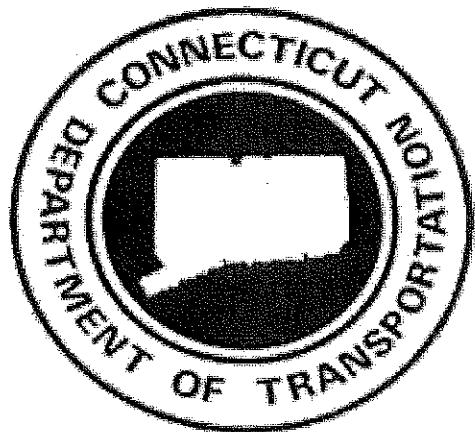
Revised RFP Document

Request for Proposals 13DOT7000

Overhaul of P40 and Top Deck Overhaul of GP40 Locomotives for the Connecticut Department of Transportation

State of Connecticut
Department of Transportation

Agency Contact: Mary Matuszak, Fiscal Administrative Supervisor
Phone: (860) 594-2342
Email: mary.matuszak@ct.gov
Date Issued: August 12, 2013
Due Date: November 26, 2013
(Revised)



Pursuant to the provision of Section 13-b34 of the General Statutes of Connecticut as amended, proposals will be received by the Connecticut Department of Transportation (ConnDOT), Division of Purchasing and Materials Management for the State of Connecticut, at the direction provided in this Request for Proposals (RFP) for furnishing the commodities and/or services herein listed.

ConnDOT welcomes the opportunity to work with car builders and suppliers to provide the Overhaul of P40 and Top Deck Overhaul of GP40 Locomotives for the Connecticut Department of Transportation.

TABLE OF CONTENTS

NOTE: This Table of Contents has been prepared for the convenience of those using this contract with the sole express purpose of locating quickly the information contained herein; and no claims shall arise due to omissions, additions, deletions, etc., as this Table of Contents shall not be considered part of the contract.

ABBREVIATIONS AND DEFINITION OF TERMS AND PROCEDURES	4
1. OVERVIEW	14
2. SCOPE OF SERVICES	15
3. INSTRUCTIONS TO PROPOSERS	16
4. PROPOSAL REQUIREMENTS	27
5. SPECIAL PROVISIONS	29
6. SELECTION CRITERIA	32
7. SUBMITTAL REQUIREMENTS	34
8. CONTRACT	36

EXHIBITS:

- A.1 General Specifications
- A.2 Technical Specifications
- B. Price Proposal Template
- C. Federal Requirements
- D. Federal Wage Rates
- E. SECC

Abbreviations

The abbreviations provided in this Section supplement and complement those included in the General Provisions. The following is a list of abbreviations used in the Specification. The list is provided as information and is neither intended to be all inclusive nor are all abbreviations necessarily used herein.

Table 0-1 – Abbreviations

Abbreviation	Description
AAR	Association of American Railroads
AATCC	American Association of Textile Chemists and Colorists
AC (or ac)	Alternating Current
ACSES	Advanced Civil Speed Enforcement System
ADA	Americans with Disabilities Act of 1990 as amended
AEI	Automatic Equipment Identification
AESS	Automatic Engine Start/Stop System
AFI	Air Filter Institute
AISC	American Institute of Steel Construction
AISI	American Iron and Steel Institute
a.m.	Ante Meridiem
AMCA	Air Moving and Conditioning Association
AMP	Amperes
ANSI	American National Standards Institute
API	American Petroleum Institute
APS	Auxiliary Power Supply
APTA	American Public Transportation Association
AREMA	American Railway Engineering and Maintenance of Way Association
ARI	Air Conditioning and Refrigeration Institute
ASC	Automatic Speed Control
ASES	Advanced Speed Enforcement System
ASHRAE	American Society of Heating, Refrigerating and Air Conditioning Engineers
ASM	American Society for Metals
ASME	American Society of Mechanical Engineers
ASTM	American Society for Testing and Materials
ATC	Automatic Train Control
ATS	Automatic Train Stop
AWG	American Wire Gauge
AWS	American Welding Society
BHP	Brake Horsepower
BPCO	Brake Pipe Cutout
BTE	Bench Test Equipment
BTL	Battery Trainline
Btu	British Thermal Unit
C	Degree Celsius
CDB	Degrees Celsius Dry Bulb
CWB	Degrees Celsius Wet Bulb
C	Capacitance
C/S	Cab Signal
CAD	Computer Aided Design
CCR	Connecticut Commuter Rail
CCW	Counter Clockwise
CDRL	Contract Deliverable Requirements List
cfm	Cubic Feet per Minute
CFR	Code of Federal Regulations
CMV	Charging Magnet Valve
ConnDOT	Connecticut Department of Transportation
COR	Change Order Request

COT&S	Clean Oil Test & Stencil
COTS	Commercial Off The Shelf Software
CPM	Critical Path Method
CQP	Contract Quality Plan
CPU	Central Processing Unit
CRF	Critical Radiant Flux
CSS	Cab Signal System
CuFt	Cubic Feet
CW	Clockwise
Cyl	Cylinder
dB	Decibel
DB	Dry Bulb
dBA	Decibel, A-Weighted Scale
DBE	Disadvantaged Business Enterprise
DC (or dc)	Direct Current
DST	Daylight Savings Time
E	Modulus of Elasticity
ECR	Engineering Change Request
EFCO	Emergency Fuel Cut-Off
EIA	Electronic Industries Association
EMC	Electromagnetic Compatibility
EMCP	Electromagnetic Compatibility Plan
EMD	Electromotive Division
EMI	Electromagnetic Interference
EMV	Emergency Magnet Valve
EPA	United States Environmental Protection Agency
EPIC	Electro-Pneumatic Integrated Control
etc.	Etcetera
F	Degrees Fahrenheit
FDB	Degrees Fahrenheit Dry Bulb
FOB	Free on Board
FWB	Degrees Fahrenheit Wet Bulb
FAI	First Article Inspection
FBCU	Friction Brake Control Unit
FAR	Federal Acquisition Regulations
FCC	Federal Communications Commission
FEA	Finite Element Analysis
FMECA	Failure Mode Effects and Criticality Analysis
FMI	Field Modification Instruction
FTA	Federal Transit Administration
fpm	Feet Per Minute
FRA	Federal Railroad Administration
FRACAS	Failure Reporting and Corrective Action System
FSR	Field Service Report
FTLD	Front Trainline Disconnect
g	Gravitational Acceleration
GE	General Electric
GP	General Purpose
GPM	Gallons per Minute
GPS	Global Positioning System
GTO	Gate Turn-Off
HAZ	Heat Affected Zone
HCFC	Hydrochlorofluorocarbon
HDLC	High Level Data Link Control
HEP	Head End Power
HFC	Hydrofluorocarbon
hp	Horsepower

HVAC	Heating, Ventilation, and Air Conditioning
Hz	Hertz
I/O	Input/Output
IC	Integrated Circuit
ICEA	Insulated Cable Engineers Association
IEC	International Electrotechnical Commission
IEEE	Institute of Electrical and Electronic Engineers
IFC	Integrated Function Computer
in.	Inch
IPS	Iron Pipe Size
ISO	International Standards Organization
I _s	Flame Spread Index
JEDEC	Joint Electronic Device Engineering Council
kHz	Kilohertz
kVA	Kilovolt Ampere
kW	Kilowatt
LAHT	Low Alloy High Tensile Strength (Steel)
lb	Pounds
lbf	Pounds Force
LCD	Liquid Crystal Display
LED	Light Emitting Diode
LRU	Line Replaceable Unit
MBE	Minority Business Enterprise
MDBF	Mean Distance Between Failure
MDS	Monitoring and Diagnostics System
MHz	Megahertz
MI	Mechanical Inspection
MIL	Military Specification
MNR	Metro North Railroad
mph	Miles Per Hour
mphps	Miles Per Hour Per Second
mphpsps	Miles Per Hour Per Second Per Second
MR	Main Reservoir
ms	Millisecond
MTBF	Mean Time Between Failure
MTTR	Mean Time To Repair
MU	Multiple Unit (as it pertains to multiple unit car train operation)
NEC	National Electrical Code
NEMA	National Electrical Manufacturers' Association
NFL	No Field Lubrication
NFPA	National Fire Protection Association
NRPC	National Railroad Passenger Corporation (Amtrak)
NTP	Notice to Proceed
NTSB	National Transportation Safety Board
OEM	Original Equipment Manufacturer
OSHA	Occupational Safety and Health Administration
PC	Personal Computer
PCS	Propulsion Control System
p.m.	Post Meridiem
P.O.	Post Office
ppm	Parts Per Million
Psi	Pounds per square inch
psia	Pounds per square inch, Absolute
psig	Pounds per square inch, Gauge
PTC	Positive Train Control
QA	Quality Assurance
RFP	Request For Proposals

rms	Root Mean Square
rpm	Revolutions Per Minute
SBE	Small Business Enterprise
SDU	Speed Display Unit
S&I	Service and Inspection Facility
TBD	To be Determined
TBU	Tread Brake Unit
TDV	Thermostatic Drain Valve
TLC	Trainline Complete
TLCL	Trainline Complete Left
TLCR	Trainline Complete Right
TLV	Trainline Voltage
TOR	Top-of-Rail
UL	Underwriters Laboratories
UNC	Unified National Coarse (Thread)
UNF	Unified National Fine (Thread)
US	United States
US&S	United Switch & Signal
USASI	United States of America Standards Institute
USDOT	United States Department of Transportation
UTEX	Unit Exchanged
UV	Ultraviolet
V	Volt
Vac	Volts, Alternating Current
Vdc	Volts, Direct Current
VOM	Volt/Ohm Meter
VPI	Vacuum Pressure Impregnation
Vp-p	Voltage peak-to-peak
VSWR	Voltage Standing Wave Ratio
W	Watt
WB	Wet Bulb
WCRB	Warranty Claim Review Board
WMDS	Wayside Monitoring and Diagnostic Systems
WPS	Weld Procedure Specifications
WTB	Wire Train Bus
www	World Wide Web

DEFINITIONS

Wherever the following terms are used in the Specifications or on the Plans, the intent and meaning shall be interpreted as follows:

- 1 Whenever in the Specifications or on the Plans the words "acceptable", "accepted", "approval", "approved", "authorized", "condemned", "considered necessary", "deemed necessary", "designated", "determined", "directed", "disapproved", "established", "given", "indicated", "insufficient", "ordered", "permitted", "rejected", "required", "reserved", "satisfactory", "specified", "sufficient", "suitable", "suspended", "unacceptable", "unsatisfactory", or words of like import are used, it shall be understood as if such words were followed by the words in writing, "by the Engineer" or "to the Engineer", unless otherwise specifically stated.
- 2 Wherever the word "indicated" is used, it shall be understood to mean "as described in the Specifications", "as shown on the Contract Plans", or "as required by the other Contract Documents."
- 3 Wherever the words "provided", "supplied", or "installed" are used in the Specifications in reference to work to be performed by the Contractor, it shall be understood to mean "furnished and delivered completed".
- 4 In this Specification pronouns of the male gender shall also mean the female gender.

"A" END. The end of a car opposite from the handbrake end.

ACCEPTANCE. Reviewed for conformity to Specification and accepted, in writing, by ConnDOT.

ACCEPTED EQUIVALENT, EQUIVALENT, OR SUBSTITUTE. Refers to those situations wherein the Contractor, if he desires to offer substitute items, parts, materials, or equipment in lieu of those designated herein, shall obtain approval in writing from the State. The burden of proof that a substitute is, in fact, equivalent shall rest with the Contractor.

ADDENDUM/(ADDENDA). Written interpretation(s) or revision(s) of any of the Contract Documents sent to Proposer prior to opening of Proposal.

ALTERATION. A change or substitution in the form, character, or detail of the work done or to be done within the original scope of the Contract.

AMTRAK. Shall mean the National Railroad Passenger Corporation.

APPROVED TYPE. Shall mean type, material and design, as approved by the Purchaser by letter, conference, or incorporated on the Locomotive Builder's and/or Manufacturer's drawings (to the extent information is shown on the drawings).

AS BUILT. A term used to describe actual construction.

AUTHORIZED SIGNEE. The person who is executing the Contract on behalf of the Proposer/Contractor and who is authorized to bind the Proposer/Contractor.

AWARD. The action of ConnDOT accepting the Proposal of the most qualified responsive and responsible Proposer for the work, subject to the execution and approval of a satisfactory Contract therefore and bond to secure the performance thereof, and to such other conditions as may be specified or as required by law.

"B" END. The handbrake end of the vehicle.

BASE LINE DESIGN. The design of the Locomotive or any of its components, apparatus, systems, subsystems, or materials which have received drawing acceptance and First Article acceptance by ConnDOT.

BASIC or MANUFACTURER'S STANDARD. Shall mean the component or part standard to be acceptable as part of the line-produced Locomotive.

BID BOND. The security furnished with a Bid to guarantee that the Proposer will enter into a Contract if his Proposal is accepted. May also be referred to as **BID GUARANTEE**.

BILL OF MATERIALS. A complete list of all parts and/or material needed for an assembly.

BUSINESS DAYS. see DAY(S), WORKING

BUYER. Connecticut Department of Transportation.

CERTIFICATE OF COMPLIANCE. Written certification that the locomotive complies with the applicable laws, rules and regulations of the FRA and AAR.

CHANGE ORDER.

- a. A Contract Document executed by ConnDOT and issued to the Contractor amending the Contract Documents and/or Specifications. The change order establishes the basis for payment and time adjustments of the work affected by the changes.
- b. The Document becomes a part of the Contract when executed by the Contractor and ConnDOT.
- c. A change order may consist of one or more Change Order Requests. (COR's)

CLEAN. To make free of dirt, impurities, pollutants and extraneous matter, following all remanufacturing standards.

COLLUSION. A secret agreement, conspiracy, or a secret understanding between two or more persons prejudicial to another.

COMMUTER RAIL SYSTEM. All right-of-way, tracks, structures and appurtenant devices over which the end products are expected to operate.

CONDITIONAL ACCEPTANCE. Acceptance of locomotive(s) by ConnDOT in writing at The Connecticut Commuter Rail Maintenance Facility, New Haven Connecticut after discrepancies listed on the Receiving Report have been corrected and the locomotive(s) is certified for revenue and non-revenue service prior to final acceptance.

CONSULTANT OR CONSULTING ENGINEER. The engineering consultant (firm) retained by ConnDOT to assist ConnDOT in the preparation of Plans and Specifications, proposal evaluation, review of Contractor furnished drawings and documents, to furnish advice and assistance during the course of the procurement, and to furnish in-plant inspection services.

CONTRACT. The written agreement Form Contract executed between the State, and the Contractor, setting forth the obligations of the Parties thereunder, the performance of the procurement as indicated in the Proposal Documents and all authorized Change Orders issued subsequent to the execution of the Contract.

CONTRACT BONDS. The Performance and Payment Bonds executed by the Contractor and his surety or sureties, guaranteeing performance of the Procurement in accordance with the Contract and all subsequent agreements thereto.

CONTRACT DOCUMENTS. The agreement covering the performance of the work and furnishing of materials required in the construction of the project. The Contract shall include the "Notice to Contractors," "Proposal," "Plans," "Specification," "Notice to Proceed," (Purchase Order) and "Performance Contract Bond," "Payment Bond," and all required Insurance Policies, also any and all "Special Provision," "Supplemental Specifications," made or to be made which reasonably could be required for the completion of the work in an acceptable manner.

CONTRACT TIME. The number of days allowed for completion of the Contract.

CONTRACTOR. The successful Proposer who is awarded a Contract for the overhaul of Locomotives as described in the agreed upon Technical Specifications. The Contractor will also be referred to as the Prime Contractor. Such Contractor shall be responsible for meeting the requirement that a minimum of fifty (50%) percent of the total labor be performed by the Contractor's employees. The Contractor/Prime Contractor is the Company or Corporation listed on the Contract Award.

CONTRACTOR'S DRAWINGS. Items such as general drawings, detail drawings, graphs, diagrams, sketches, calculations, and catalog cuts which are prepared by the Contractor to detail his work.

COST ANALYSIS. A cost analysis is the process of examining and evaluating a prospective Proposal or change order through the evaluation of the cost of each element which comprises it.

COST PLUS. A form of contract for construction work in which the Contractor is reimbursed for the costs it incurs in performing the work plus a lump sum or percentage fee.

CRITICAL PATH. The series of activities that are crucial to the completion of the project within the

specified time.

DAMAGED. Any equipment, part or component, that is not in conformance with the original equipment manufacturer (OEM) requirement(s), and/or is impaired from its value and usefulness.

DAY(S). Unless otherwise designated, days as used in the Contract Documents will be understood to mean calendar days.

DAY(S), WORKING. Those calendar days during which regular business is conducted, excluding Saturdays and Sundays, and all locally observed Federal, State, and Municipal holidays.

DEFECT. The presence of an imperfection that impairs the functionality, usefulness, and/or value of an equipment, part, or component.

DEPARTMENT. General reference to the Connecticut Department of Transportation and its respective officers. For the purpose of this Proposal they are restricted to the Office of Rail Operations and the Division of Purchasing and Materials Management.

ASSISTANT DIRECTOR OF PURCHASING AND MATERIALS MANAGEMENT. The Department of Transportation's Assistant Director of the Division of Purchasing and Materials Management.

DUMMY ACTIVITY. An activity which has no active part in the project except for display or representation of another activity.

END PRODUCT.

- a. The Contract Item(s) to be delivered to ConnDOT in accordance with the Contract Documents.
- b. End Product(s) includes but is not limited to Locomotive Drawings, Specifications, Instruction Books, Education Programs, Spare Parts and Services.

ENGINEER. Personnel authorized by ConnDOT to represent ConnDOT on project-related matters.

ENGINEERING CHANGE. A ConnDOT initiated revision after the design is approved.

EQUIVALENT. An approved substitution similar in engineering, design, function, performance, and service life.

"F" END. The cab end of the cab car.

FAIL SAFE. A characteristic of a system which insures that any malfunction affecting safety shall cause the system to revert to a state that is known to be safe.

- a. To be considered "fail safe," the system shall also automatically furnish an acceptable indication in accordance with the specification that a failure has occurred.

FAILURE. In relation to Reliability Test it is an improper condition requiring the vehicle to be withheld from or removed from scheduled service for corrective action.

FIRST ARTICLE ACCEPTANCE. The physical examination, acceptance, and commercial testing of, and acceptance by ConnDOT of an initial part, major assembly, subassembly, system, subsystem, apparatus, or material, manufactured or assembled by either the Contractor or Subcontractors. Although the exercise of First Article Acceptance shall be at ConnDOT option, the Contractor shall assume that ConnDOT shall subject all of the above to First Article examination and acceptance.

FINAL ACCEPTANCE. The form accompanying the equipment and signed off by ConnDOT.

INSPECTION. The careful examination, measurement and testing of materials, tools, gauges, fixtures, apparatus, or other devices and services to ensure conformance with the specification and Contract requirements.

INSPECTOR. An authorized representative of the Engineer, assigned to make any and all necessary inspections of the work performed and materials furnished by the Contractor.

INTERFACE. The points where two or more physical subsystems or systems meet to transfer energy or information.

LAG. To fail to maintain a pre-established speed or pace.

LIKE NEW. Equivalent, in terms of warranty and projected service life, to new.

LOCAL TIME. Eastern Standard Time or Daylight Savings Time as it applies to Newington, Connecticut

LOCOMOTIVE. The base locomotive to be overhauled.

MANUFACTURER. Shall mean the original manufacturer supplying materials, components, or apparatus whatsoever for installation on the Locomotives. The word "Supplier" to have the same meaning.

MATERIAL, (SUPPLIES). Any substances specified for use in the construction and/or manufacture of the Procurement End Product(s); or to be furnished to ConnDOT as loose items as part of the Procurement.

MILESTONES. An event or group of events which designates the completion of predetermined number of activities in the remanufacturing process.

NETWORK. Any netlike combination of lines, vanes, passages or the like.

NEW. Component manufactured from raw material and has not been fabricated from salvaged, reconstructed or repaired material and has never known service.

NOTICE. Shall mean a written notice.

NOTICE TO PROCEED. A notice to the Contractor of the date on which he is to proceed with the Contract work, equivalent to the State's Purchase Order. The State's Purchase Order is issued by the Connecticut Department of Transportation.

OWNER OR PURCHASER. Connecticut Department of Transportation

PARTY, PARTIES. Organizations entering into the Contract.

PAYMENT BOND. The approved form of security furnished by the Contractor and his surety as a guaranty of good faith on the part of the Contractor to pay all debts pertaining to materials, rental of equipment, and labor used or employed in the execution of the Contract.

PERFORMANCE BOND. The approved form of surety furnished by the Contractor and his surety as a guaranty on the part of the Contractor to complete all work contained herein to the satisfaction of the State.

PROCUREMENT (WORK).

- a. The furnishing of all equipment, items, materials, parts, systems, data, design, services, incidentals, labor, and management and performance of the Contractual requirements defined in the Contract Documents, including changes thereto, in order to produce and deliver the purchased End Product(s).
- b. As used herein, the terms Work and Procurement are synonymous.

PROJECT. The total scope of work and the Suppliers' responsibilities as outlined in this Specification and as described in detail throughout all of the Contract Documents.

PROOF (used as a suffix). Apparatus is designated as splash proof, dust proof, etc., when so constructed, protected, or treated that its successful operation is not interfered with when subject to the specified material or condition.

PROPOSAL FORMS

- a. The approved form on which ConnDOT requires RFPs to be prepared and submitted for the work, and which is part of the RFP heretofore defined.
- b. When executed by the Proposer, it becomes his written offer to perform the work and furnish and deliver the equipment materials at the prices quoted.

PURCHASE ORDER. Equivalent to the Notice to Proceed (NTP), a notice to the Contractor of the date on which he is to proceed with the Contract work.

QUALIFY. As used in this Specification shall be the determination that an assembly, sub-assembly, or any part thereof is satisfactory for continued service under the Contractor's warranty, or that the item is suitable for repair or overhaul to restore it to warrantable service, or that the item must be replaced with a new (or warrantable rebuilt) part.

QUALITY ASSURANCE (QA) / QUALITY CONTROL (QC) PROGRAM. The Contractor's method of confirming the workmanship and materials used in the repair/overhaul of the locomotives are in conformance with the specification.

RECONDITION. Disassemble and clean sufficient for complete inspection, qualify for reuse and return to "like new" condition following OEM's maintenance instructions. Restore shall have the same meaning herein. Recondition also includes installation.

REQUALIFIED/QUALIFIED. Equipment, part or component is repaired or overhauled to like new OEM condition.

REQUEST FOR CHANGE ORDER. A document by which ConnDOT or the Contractor can request a change in the Contract language as to amend the Contract. (See Change Order)

REQUEST FOR CLARIFICATION. A document by which the Contractor can request further clarification of the intent of the specification relative to specific detail engineering or design situations that may from time to time arise.

REFERENCE. Where reference is made in the Contract Documents to publications or standards issued by associations or societies, the intent shall be to specify the current edition of such publications or standards in effect on the date of the Contract Advertisement, notwithstanding any reference to a particular date.

RELIABILITY. The probability of performing a specified function, without failure and within design parameters, for the period of time intended under actual operating conditions.

REMANUFACTURE. An original part, component, or locomotive that has been disassembled, qualified (mechanically, dimensionally, and nondestructively) and tested with all wear surfaces and material restored to limits established by latest OEM and/or ConnDOT standards. All parts that are condemned by OEM and/or ConnDOT standards shall be renewed. Remanufacture also includes the installation.

RENEW. Replace with new only, no seconds or reused material permitted. Item shall be latest type, design, or revision that is applicable in the context of "like new" warranty requirements. Replace shall have the same meaning herein unless otherwise specified. Renew also includes installation.

REPRESENTATIVE. Shall mean anyone duly authorized by ConnDOT to act in this capacity and as so defined elsewhere.

REPAIR. The restoration of damage to a sound, usable condition that will conform to Federal standards, making the locomotive usable for service.

REQUIRED Contract PROVISION. Statements covering the requirements of the Federal and State governments, such as but not limited to, employment, record of materials and supplies, subletting or assigning of the Contract, labor, certificates, taxes and related items.

RESTORE. Disassemble and clean sufficient for complete inspection, qualify for reuse and return to "like new" condition following OEM's maintenance instructions. Recondition shall have the same meaning herein. Restore also includes installation.

RFP DUE DATE. Date specified herein on which RFPs must be received by ConnDOT.

SECTION. Section refers to the indicated section of this Specification plus all subsections thereof (unless the context indicates otherwise)

SERVICE, as in SERVICE USE. The operation of the Locomotives under normal conditions in consists with occupied passenger coaches.

SERVICE OPERATOR. The company that operates the Service under Contract to ConnDOT, and recipient of the remanufacturer's warranty services on behalf of ConnDOT.

SHOP DRAWINGS. Items, such as drawings, calculations, and catalog cuts, which are prepared by the Contractor to supplement or detail Contract Drawings or Specifications, or are prepared at Contractor's option to detail his work; or which the Contractor is required to submit to the Engineer for review, information, or record, including electrical schematics and wiring diagrams, fabrication, erection, layout, assembly, installation, tests, maintenance, and repair drawings.

SLIDE, WHEEL. During braking, the condition existing when the rotational speed of the wheel is slower than that of pure rolling contact between tread and rail.

SLIP, WHEEL. Condition that occurs when the driving wheel of a locomotive rotates at a speed faster than that of the train itself decreasing the locomotive's tractive effort.

SPECIAL PROVISIONS. Additions and revisions to the General Requirements and Covenants for Equipment Procurement and to the Technical Requirements covering special directions, and not otherwise detailed or set forth in those documents. Special Provisions shall prevail over General Requirements and Covenants, and over Technical Requirements, whenever in conflict therewith.

SPECIFICATION. The general, commercial, technical and special requirements, including work scope.

SPIN, WHEEL. During acceleration, the condition existing when the rotational speed of the wheel is faster than that of pure rolling contact between tread and rail.

STANDARDS AND SPECIFICATIONS. When industry, government, association, or the Contractor's own standards or specifications are referred to, the latest issue shall be used.

STATE. The State of Connecticut.

SUBCONTRACTOR. Any supplier of services, materials, components, or apparatus to the Contractor.

SUPERVISOR. The Contractor's authorized responsible representative in charge of the work.

SUPPLIER (VENDOR). The persons, firm, or corporations who furnish materials to the Contractor.

SURETY. The corporate body which is bound with and for the Contractor, who is primarily liable to the State, and which engages to be responsible for the Contractor for his payment of all debts covering all materials and labor used or employed in the execution of the Contract, and for his acceptable performance of the work for which he has Contracted.

TIGHT (used as a suffix). Apparatus is designated as water tight, dust tight, etc., when so constructed that the enclosing case and seal will prevent entry of the stated foreign material.

TRAM. A condition of ideal truck geometry in which the axles are perfectly parallel and the wheels longitudinally in perfect alignment. The centers of the journal bearings represent the corners of a perfect rectangle. Tram is checked measuring the diagonal and longitudinal distances between reference points on the pedestal feet.

UNITED STATES DEPARTMENT OF TRANSPORTATION. United States Department of Transportation (DOT) means the Secretary of the (DOT) and other persons who may at the time be acting in the capacity of the Secretary, or authorized representative or any person otherwise authorized to perform the functions to be performed hereunder, including representatives of the Federal Transit Administration (FTA).

UPGRADE. To raise and improve the quality, classification and usefulness.

VENDOR – (SEE SUPPLIER).

WARRANTY BOND. Bonds equal to twenty-five percent of the amount of each locomotive to protect against faulty materials or workmanship for two years from the date of final acceptance of each locomotive.

WORK. (Repair/Overhaul). Any and all labor, supervision, services, materials, machinery, equipment, tools, supplies, and facilities called for by the Contract and necessary to the completion thereof.

WORK SCOPE.

- a. Specifications pertaining generally to the method and manner of performing the work and/or the qualities and quantities of equipment and materials and End Products(s) to be furnished under the Contract.
- b. The technical specifications may include provisions adopted and issued by ConnDOT or may include other standards incorporated in the Contract Documents by reference, all as set forth in the Special Provisions for each Contract.

1. Overview

ConnDOT will advertise, bid, and award a Contract for the overhaul of GP40-2H road locomotive units and P40 Genesis type locomotives, to include, but not be limited to:

1. Furnishing material, labor, delivery, testing and warranty, as well as transportation to and from the Contractor's facilities.
2. Furnishing integrated schematics, drawings, inserts for catalogs and manuals.
3. Deliverables referred to throughout the Specification.

GP-40:

There are a total of six (6) locomotives, identified by road numbers 6694, 6695, 6696, 6697, 6698, and 6699 which were originally manufactured by the Electro-Motive Division of General Motors Corp. and remanufactured by GEC Alstom in 1996.

The locomotives after overhaul shall be capable of providing a minimum of eight (8) years of reliable service without need of major overhaul or restoration.

P40:

There are a total of eight (8) locomotives, identified by road numbers 833, 834, 836, 838, 840, 841, 842, and 843 which were originally manufactured by the General Electric Company.

The locomotives after overhaul shall be capable of providing a minimum of twelve (12) to fifteen (15) years of reliable service without need of major overhaul or restoration.

GENERAL:

- No previous RFP's have been issued for this project
 - Proposals shall be in compliance with the specifications. Alternate proposals are not acceptable.
 - Options: Capital Spare Parts as noted in Section 3.16 may or may not be purchased, in whole or in part, at the sole discretion of the State.
-
- **NOTICE OF FEDERAL PARTICIPATION/FUNDING**
The anticipated funding breakdown for this procurement is as follows:

Federal Transit Administration (FTA): 80%

Catalog of Federal Domestic Assistance (CFDA) Number: 20500

Grant Number: CT-05-017

State: 20%

State Project Number: 0300 0159 RS

2. Scope of Services

2.1 Scope

- A. It is the intent of these specifications to provide for the procurement of end product(s) in accordance with the RFP Documents, equipment and material of first quality, and the workmanship must be the best obtainable in the various trades. The equipment and material which the Contractor proposes to furnish must be of substantial and durable construction in all respects. No advantage will be taken by the Contractor or vendor in the omission of any part or detail which goes to make the product complete and ready for use. All manner of workmanship and material used in the production of the product shall conform in material, design and workmanship to the best practices known in the industry.
- B. The Contractor will assume responsibility for all equipment, material and assembly used in the RFP item, whether the same is manufactured by the Contractor or purchased ready made from a source outside the Contractor's company. It is the sole responsibility of the Contractor to read the specifications and understand them.
- C. Where the RFP Documents describe portions of the end product(s) in general terms, but not in complete detail, only materials and workmanship free from defects shall be used.
- D. Unless otherwise specified, the Contractor shall furnish all labor, materials, tools, equipment, and incidentals which are necessary to complete the procurement.
- E. All labor, equipment, and materials shall be furnished in strict accordance with the delivery schedule and conditions of the Contract Documents. The Locomotives shall fulfill all the requirements of same and in particular, those defined in the Technical portion of this Specification, including any addenda thereto. The Prime Contractor shall be responsible for a minimum of fifty percent (50%) of the total labor costs for the Contract and must meet the requirements of "Contractor" delineated under Definitions.
- F. The locomotives shall be capable in all respects for operation at speeds up to one hundred three (103) mph on level, tangent track.
- G. The locomotives will be used in push-pull suburban commuter service.
- H. The base scope of overhaul work for each locomotive type is defined in the Technical Specification Sections (Exhibit A.2) for each locomotive type.
- I. It should be noted that changes to the scope of work for each locomotive may be required to accommodate conditions uncovered during the overhaul process.
- J. Changes which are determined to be hidden damage shall be addressed in accordance with the Change Order procedure below.
 - a. The Contractor shall submit to ConnDOT, his/her labor rate and material mark-up for changes pursuant to this Section.
 - b. The Contractor shall bring to the immediate attention of ConnDOT any conditions encountered during the overhaul process which involves hidden damage or missing material, for review and disposition by ConnDOT.
 - i. Notification shall be made in writing via email within twenty-four (24) hours, with copy of same to ConnDOT's resident inspector on-site.
 - ii. Notification shall be followed by a written statement containing the following information.
 - (a) A description of the deficiency and details of work to correct same.
 - (b) Detailed cost data including materials, labor and overhead, and profit.
 - (c) A statement of additional time, if any, required for completion of the Contract by reason of this change.
 - c. The Contractor shall not proceed with any work required by the change until written authorization is given by ConnDOT.

2.2 Technical Specifications

Please refer to "Exhibit A.2" for detailed description of project Scope of Work.

2.2.1 Locomotive Specific Requirements

2.2.1a. GP40-2H Locomotives

- A. Overhauled locomotives, as delivered to ConnDOT, shall be certified to meet the exhaust emission standards for Tier 0+ under 49 CFR 1033 regulations. The Contractor shall also provide an EPA certificate of compliance to ConnDOT.
- B. The Contractor shall be responsible for ensuring and demonstrating that the locomotive's prime mover is capable of producing a minimum of 3,195 Horsepower in a test to be proposed in accordance with Section 15 of the GP40-2H Technical Specification.
- C. The locomotive engines after overhaul shall be capable of providing a minimum of eight (8) years reliable service without need of major overhaul or restoration.
- D. Replacement parts for locomotive components, including main engine, generator, auxiliary generator, traction motors, and air compressor shall be ConnDOT approved.
 1. ConnDOT requires that all parts supplied or overhauled meet the requirements of the OEM of the locomotives in terms of durability, tolerances, and fitness of purpose.
 2. Replacement-parts shall be as manufactured by the OEM unless a request for an alternate supplier is submitted and approved by ConnDOT on a case-by-case basis, or is otherwise required by this specification.
 3. The burden of proof of quality of the parts supplied is the responsibility of the Contractor.

2.2.1b P40 Locomotives

- A. No additional specific requirements. All requirements for the P40 Locomotives are included in the P40 Technical Specification (Exhibit A.2) attached with this RFP.

3. Instructions to Proposers

3.1 Proposal Schedule

Release of RFP:	Date: August 12, 2013
Pre-Proposal Conference:	Date: September 10, 2013 at 10:30 a.m.
Receipt of Questions:	Date: October 15, 2013, by noon
Answers to Questions posted as Addendum:	Date: November 8, 2013
RFP Due Date:	Date: November 26, 2013, by 2:00 p.m.

ConnDOT reserves the right to modify any of the dates and/or times noted above. If it becomes necessary to adjust the Proposal Schedule, the change(s) will be provided via a written Addendum and posted on the DAS Bid and Contracting Portal.

3.2 Amendment or Cancellation of the RFP

ConnDOT reserves the right to cancel, amend, modify or otherwise change this RFP at any time if it deems it to be in its best interest to do so.

3.3 Internet Disclaimer

- A. Documents and other information obtained through the Internet, World Wide Web sites or sources other than the Department of Administrative State Contracting Portal are not to be construed as official information for the purposes of conducting other business with ConnDOT.
- B. Persons and/or entities that reproduce and/or make such information available by any means are not authorized by ConnDOT to do so and may be liable for claims resulting from the dissemination of unofficial, incomplete and/or inaccurate information.

3.4 Pre-Proposal Conference

A **mandatory** Proposer Conference/Site Inspection will be held for all interested Proposers at the New Haven Railroad Station, Union Avenue, 4th Floor West, New Haven, CT 06519, on **Tuesday, September 10, 2013, beginning at 10:30 a.m., Local Time**. Confirm your attendance by contacting Mr. James Fox at telephone number (203) 497-3363. A valid photo ID will be required to gain admittance.

ConnDOT reserves the right to postpone answers to any questions raised at this conference until a later date. Any oral explanations provided by ConnDOT during this conference will not be binding upon ConnDOT unless or until they are documented in a written Addendum issued by ConnDOT and posted on the DAS Contracting Portal. Proposers seeking a written response to their questions at the Pre-Bid Conference are required to submit their questions in writing as described herein.

At the conclusion of the morning session, which is anticipated to last approximately one (1) to one-and-a-half (1 ½) hours there will be a brief lunch break. Subsequently, prospective Proposers will examine a sample locomotive of each type at the Rail Maintenance Facility. In an effort to limit extra work claims, Proposers may inspect other locomotives as the schedule allows and may make arrangements to inspect any locomotives not immediately available.

3.5 Correspondence

During the period from your organization's receipt of this RFP until a contract is awarded, your organization shall not contact any employee of the State of Connecticut for additional information, except as follows:

- A. The Assistant Rail Administrator of the Department of Transportation, State of Connecticut, (or his/her designee) will be the contact for the prospective Proposers. However, written communication with ConnDOT during the RFP process should be forwarded to the attention of:

Mary Matuszak, Fiscal Administrative Supervisor; by e-mail to mary.matuszak@ct.gov or to the following address:

Connecticut Department of Transportation
Division of Purchasing & Materials Management, 2442 SW2
2800 Berlin Turnpike
Newington, CT 06111

Telephone: (203) 594-2342

- B. Each prospective Proposer shall designate one (1) individual or organization to function as an interface for contact with ConnDOT during the Pre-Proposal period. The contact shall be for purpose of communications between the Proposer and ConnDOT and for receipt of the RFP Documents and Addenda.

3.6 Questions

Questions for the purpose of clarifying the RFP must be submitted in writing and must be received in the Division of Purchasing & Materials Management no later than **Tuesday, October 15, 2013 at noon, Local Time**, in the State of Connecticut.

Only questions that ConnDOT considers to be in ConnDOT's best interest will be answered. ConnDOT is the only party who will determine its best interest.

- A. All questions, including, but not limited to: requests for approval, exception, or clarification to the RFP Documents and the Technical Specifications should be sent simultaneously to:

Connecticut Department of Transportation
Division of Purchasing & Materials Management, 2442 SW2
2800 Berlin Turnpike
Newington, CT 06111
Attn.: Mary Matuszak
(RFP 13DOT7000)

Or e-mailed to: mary.matuszak@ct.gov

AND

Connecticut Department of Transportation
Office of Rail Operations
Union Station
50 Union Avenue
New Haven, Connecticut, 06519
Attn: Ms. Marci Petterson

Or e-mailed to: marci.petterson@ct.gov

- B. If any prospective Proposer is in doubt as to the meaning or interpretation of this RFP, drawings, specifications and other solicitation documents, he must submit to ConnDOT a written request for an interpretation thereof on the appropriate form. (Form D-6 entitled "Request for Approval, Exception or Clarification" which is attached hereto).
- C. If the prospective Proposer, by virtue of his review of the complete RFP Documents expects to take any exception to, or needs clarification of the Documents, he shall so advise ConnDOT.
- D. The prospective Proposer should submit for review, a written list of his exceptions to the Technical Specifications. He shall state the reason for his exception, and the compatibility and interchangeability of his proposed substitution with existing equipment and components. Written request for review shall be submitted on the form noted in Section 3.6 B.

3.7 Amendments

- A. Revisions issued by Amendment may require that the date set for receipt of Proposals be postponed by such number of days as in the opinion of ConnDOT which will enable prospective Proposers to revise their Proposals. In such cases, the Addendum will include an announcement of the new date for receipt of RFPs.
- B. Prospective Proposers are required to acknowledge receipt of all Addenda to this solicitation by returning a signed copy of each Addendum with their RFP.

3.8 General

- A. This Contract will be a firm fixed-price Contract (including negotiated prices – If any), except for those items specified as cost-plus.
 1. The Proposal price shall be for complete repair/overhaul, testing, delivery and warranty support of the locomotives ready for ConnDOT revenue service use, and shall include all applicable freight and installation charges.
 2. For cost-plus work, the Proposal shall include certified payroll rates for all labor to be used, certified overhead rates, and the Proposer's profit which shall not exceed 10%. Labor rates shall be at least the minimum rate established for the Project by the State Labor Department or the U.S. Department of Labor. Cost-plus work is subject to the requirements of Exhibit A - Section A40.
- B. Prices shall be quoted in U.S. Dollars.
- C. All deliveries shall be FOB to Connecticut Commuter Rail Maintenance Facility, 54 Hallock Ave, New Haven CT., 06519 at the Contractor's expense.

3.9 Preparation of Proposals

- A. The Proposer shall submit one (1) original and five (5) copies of the RFP.
- B. Proposal Prices
 1. The Proposer shall specify a unit price, in both words and figures in even United States dollars, for each item for which a quantity is given, and shall show the products of the respective unit prices and quantities, written in figures in the column provided for that purpose, and the total amount of the Proposal obtained by adding the amounts of the several items.
 2. All words and figures shall be in black ink or be typewritten. In case of a discrepancy between the unit prices written in words and unit prices written in figures, the written words shall govern.
 3. The prices for any item, proposed and contracted for, unless otherwise noted or specified, shall include full compensation for all materials, equipment, tools, labor and incidental work, necessary to complete the items to the satisfaction of ConnDOT and be in conformance with the Contract Documents.
 4. The prices, without exception, shall be net, not subject to discount, and shall include all royalties and costs arising from patents, trademarks, and copyrights in any way involved in the work.
 5. Sales to the Connecticut Department of Transportation are exempt from payment of Federal Excise and Transportation Tax, and the Connecticut Sales Excise and Use Tax. Proposers will not include these taxes in their price(s).
 6. Erasures, use of white-out, or other changes which appear on the Proposal Forms must be initialed by the person signing the RFP. The RFP will be rejected if such changes are not initialed.

In the event of a discrepancy between the unit price and the extension, the unit price shall govern. Any discrepancy between the copies of the Proposal Schedule submitted shall result

in the rejection of Proposals so affected except in the event of Proposals awarded on a total basis. In that case, the lower total price will be considered in making the award.

C. Signatures

1. All RFPs shall be signed correctly with ink in the proper place provided, on the appropriate form (DOT-26) as follows:
2. Refer to the attached "**GUIDANCE FOR VENDOR AUTHORIZATIONS**" for signature requirements.

D. Identification of Proposal Envelope

The signed RFP shall be submitted in a separate envelope or package, sealed and identified as follows:

SEALED RFP NO. 13DOT7000

NOT TO BE OPENED UNTIL 2:00 p.m.

E. Delivery of Proposals. ConnDOT shall not be held responsible for Proposals that are lost in transit by commercial carrier, the United States Postal Service (USPS), hand-carried, or by any other means.

1. RFPs may be mailed or delivered in person prior to the latest date stipulated for receipt of RFPs as follows:

If the RFP is sent via A COMMERCIAL EXPRESS CARRIER, please address RFP as follows:

Connecticut Department of Transportation
Attn: Mary Matuszak
Division of Purchasing & Materials Management, 2442 SW2
2800 Berlin Turnpike
Newington, CT 06111

If the RFP is sent via U.S. MAIL, please address RFP as follows:

Connecticut Department of Transportation
Attn: Mary Matuszak
P.O. Box 317546
Newington, CT 06131-7546

If the RFP is being HAND CARRIED, please deliver to:

Connecticut Department of Transportation
Division of Purchasing & Materials Management
2800 Berlin Turnpike
Newington, CT
Room 2442

2. Receipt of hand delivered Proposals, prior to RFP Due Date, can be made between 8:00 a.m. and 3:00 p.m. Local Time, Monday through Friday excluding State Holidays. In the event that the Proposal is delivered on the RFP Due Date, it must be received prior to 2:00 p.m., Local Time.

F. Late Proposals

Any Proposal or modification of a Proposal received at the State office designated in the solicitation after the exact time specified for RFP Due Date will not be considered.

G. Withdrawal of Proposals Prior to RFP Due Date

A Proposal may be withdrawn in person by a Proposer or their authorized representative, provided their identity is made known and a receipt is signed for the Proposal, but only if the withdrawal is made no later than forty-eight (48) hours prior to the RFP Due Date/Time.

H. **Proposal Modifications**

No additions or changes to any proposal will be allowed after the proposal due date, unless such modification is specifically requested by ConnDOT. ConnDOT, at its option, may seek proposer retraction and/or clarification of any discrepancy or contradiction found during its review of proposals.

3.10 Brand Name Specifications and/or References

The use of the name of a manufacturer or of any particular make, model or brand in describing an item does not restrict Proposers to that manufacturer or specific article unless limited by the term "no substitute". However, the article being offered must be of such character and quality so that it will serve the purpose for which it is to be used equally as well as that specified, and the Proposer shall warrant to ConnDOT that it is fit for that purpose. Proposals on comparable items must clearly state the exact article being offered including any and all applicable options and the Proposer shall furnish such other information concerning the article being offered as will be helpful in evaluating its acceptability for the purpose intended. If the Proposer does not indicate that the article offered is other than as specified, it will be understood that the Proposer is offering the article exactly as specified. Proposers must submit complete documentation on the specifications and quality levels of the proposed products. Proposals submitted that do not contain this documentation are subject to rejection.

- A. It is not the intent of this Specification to have the Contractor seek acceptance from ConnDOT for the various interchangeable items of different manufacture that are normally stocked and used by the Contractor. It is the intent of this Specification that alternative material for major items of equipment, herein specified, be acceptable to ConnDOT.
- B. The burden of proof as to the quality and suitability of alternatives shall be upon the Contractor and he shall furnish all information necessary as required by ConnDOT at no additional cost to ConnDOT.
- C. If potential Proposers believe that their product is an equivalent to the product specified, they must submit a written request to ConnDOT. There shall be no substitution for any accepted material, component, design, or fabrication unless and until the proposed substitute has received written acceptance of ConnDOT. ConnDOT may require the removal of any substitute or unaccepted item which is installed without the written acceptance of ConnDOT, removal will be at the Contractor's expense.
- D. Where use of an alternative material involves redesign of or changes to other parts of the work, the cost and the time required to affect such redesign or changes shall be considered in evaluating the suitability of the alternative material. No additional cost will be paid by ConnDOT as a result of the use of an alternative material.
- E. No test or action relating to the acceptance of substitute materials shall be made until the request for substitutions is made in writing by the Proposer, accompanied by the complete data as to the equality of the materials proposed. Such request shall be in ample time to permit approval without delaying the work. Requests for approved equivalent must be fully supported with catalog information, specifications, illustration and Engineer approved drawings or other pertinent information as evidence that the substitute offered is equivalent to or better than the specification. Where an approved equivalent is requested, the Proposer must demonstrate the equality of this product to ConnDOT to determine whether the Proposer's product is or is not equivalent to that specified.
- F. Whenever classification, rating, or other certification by a body, such as UL, NEMA, or AAR, is part of the Specification for any material, proposals for use of alternative material shall be accompanied by reports from the listed or equivalent independent testing laboratory indicating compliance with Specification requirements.
- G. The Proposer shall reasonably demonstrate that an adequate supply of materials, repair parts, and specialties of his own design and manufacture, as well as materials, repair parts, and specialties of the Subcontractors will be available promptly as the need by ConnDOT may arise.
- H. The cost of all testing required to provide quality of the material proposed shall be borne by the Proposer.
- I. It shall be understood that specifying a brand name, components, and/or equipment in this Specification shall not relieve the Proposer from his responsibility to produce the product in

accordance with the Contractual requirements.

- J. The Proposer is responsible for notifying ConnDOT of any unsuitable brand name, component and/or equipment that may be called for in the Specification, and to propose a suitable substitute for consideration.

3.11 Competency of Proposers

- A. All Proposers shall submit with their Proposal, a statement outlining in detail his locomotive repair and/or overhaul experience including on the attached "Statement of Qualifications", Form DAS-14:
1. A tabulation by year of build of the numbers of locomotives of each type, which were overhauled in the last five (5) years.
 2. The entity for whom the overhaul work was performed.
 3. The locations and descriptions of the facilities where the above work was performed including the percent of labor performed by the prime Contractor.
 4. The location and description of the facility where the work to be done under this Contract will be performed, and have necessary technical capability to perform the work as described.
 5. Statement of financial resources.
 6. Statement that Proposer has the capacity to overhaul the locomotives specified in this document within the time specified.
 7. Statement of all locomotive repair, overhaul, manufacture or remanufacturing Contracts which the Proposer has been awarded or on which the Proposer is apparent low type of vehicles and the delivery dates for same. Refusal to provide requested information may cause rejection of the RFP.
 8. ConnDOT reserves the right to verify any and all information supplied by the Proposers in conjunction to this RFP.
 9. ConnDOT reserves the right to inspect the Proposer's facility(ies) that will be utilized in the overhaul of the locomotives, prior to the awarding of this RFP.
 10. ConnDOT reserves the right to determine as non-conforming a Proposer whose competency and/or qualifications in ConnDOT's judgment and in the State's best interests do not meet the intent of this section and may refuse to award a Contract to any individual, partnership, firm or corporation based upon, but not limited to, one or more of the above facts. When in ConnDOT's judgment the sworn statement indicates that the Proposer does not have the required experience in the class of work to be bid on, fails to have the proper labor and equipment to prosecute the work within the time allowed, or fails to have sufficient capital and quick assets to finance the work.
 11. Doubt as to technical ability, production capacity, or financial strength which cannot be resolved affirmatively shall require a determination of non-responsiveness by ConnDOT.
- B. A Proposer who fails to comply with Section 3.11A of this document will not be considered for award of the Contract.

3.12 Validation of Proposals

The Proposals shall be binding commitments which ConnDOT may include, by reference or otherwise, into any contract with a Proposer. The Proposals must provide the names, titles, addresses and telephone numbers of those individuals with authority to negotiate a contract with ConnDOT and contractually bind the Proposer. The Proposal must also include evidence that it has been duly delivered on the part of the Proposer, that the persons submitting the Proposal have the requisite corporate power and authority to structure, compile, draft, submit and deliver the Proposal and

subsequently to enter into, execute and deliver and perform on behalf of the Proposer any contract contemplated in this RFP.

3.13 Insurance

Insurance requirements are noted in the attached "Agency Contract Document" (DAS-50A), Section 37, "Insurance".

3.14 Bonds

A. Evidence of Surety

Include evidence from a surety or insurance company stating that the Bidder is capable of obtaining the required insurance and bonds referenced in this RFP. The evidence of surety shall clearly state the financial rating categorization and reference the contract value in a manner similar to the notation provided below: "As surety for [the above named Contractor], [XYZ Company] with A.M. Best Financial Strength Rating [rating] and Financial Size Category [Size Category] will furnish a \$2,500,000 Performance Bond, a \$2,500,000 Payment Bond and a \$2,500,000 Warranty Bond in the stated amounts, and said bonds will cover the Project and any warranty periods on behalf of the Contractor, in the event that such firm be the successful Proposer and enter into a contract for this project."

B. Bid Guarantee

A Bid Bond will be required in the amount of 5% of the total contract price proposal, excluding options. Such bond must accompany the Proposer's RFP submission. Failure to submit a Bid Bond on a form acceptable to the State shall result in the rejection of the Proposer's RFP. Other offers of surety will be reviewed on a case by case basis.

- a. A Bid Bond must be issued by a fully qualified surety company acceptable to the State and listed as a company currently authorized under 31 CFR, Part 223 as possessing a Certificate of Authority as described thereunder.
- b. Rights Reserved
In submitting this Proposal, it is understood and agreed by the Proposer that the right is reserved by The State to reject any and all Proposals, or part of any Proposal, and it is agreed that the Proposal may not be withdrawn for a period of one hundred eighty (180) days subsequent to the opening of Proposals, without the written consent of the State.
- c. It is also understood and agreed that if the undersigned Proposer should withdraw any part or all of his Proposal within one hundred eighty (180) days after the RFP due date without the written consent of the State, shall refuse or be unable to enter into this Contract, as provided above, or refuse or be unable to furnish adequate and acceptable Performance and Payment Bonds, or refuse or be unable to furnish adequate and acceptable insurance, he shall forfeit his bid security to the extent of the State damages occasioned by such withdrawal, or refusal, or inability to enter into an agreement, or provide adequate security therefor.
- d. It is further understood and agreed that to the extent the defaulting Proposer's Bid Bond, Certified Check, Cashier's Check, Treasurer's Check, and/or Official Bank Check (excluding any income generated thereby which has been retained by the State) shall prove inadequate to fully recompense the State for the damages occasioned by default, then the Proposer agrees to indemnify the State and pay over to the State the difference between the bid security and the State's total damages, so as to make the State whole.

C. Performance Bond

A Performance Bond will be required in the amount of Two Million Five Hundred Thousand Dollars (\$2,500,000.00). Such bond must be received within twenty (20) days of request. Failure to submit a Performance Bond on a form acceptable to the State shall result in the State either re-awarding the contract to the next highest scoring Proposer or re-bidding the contract. Other offers of surety will be reviewed on a case by case basis. It is the responsibility of the Contractor to ensure that its bond is updated as required.

D. Payment Bond

A Payment Bond will be required in the amount of Two Million Five Hundred Thousand Dollars (\$2,500,000.00). Such bond must be received within twenty days of request. Failure to submit a Payment Bond on a form acceptable to State shall result in the State either re-awarding the contract to the next highest scoring Proposer or re-bidding the contract. Other offers of surety will be reviewed on a case by case basis. It is the responsibility of the Contractor to ensure that its bond is updated as required.

E. Warranty Bond:

The Contractor shall, prior to the issuance by the Department of written Final Acceptance, furnish a separate Warranty Bond in a form acceptable to the State in an amount equal to the total negotiated contract amount for the initial minimum Technical Support and Warranty Period.

The bond shall secure the Contractor's obligation to provide required technical support and warranty services and replace or repair defective materials and faulty workmanship for a minimum period of two (2) years after issuance of Final Acceptance.

F. All such bonds shall be:

1. Corporation: The Bond must be signed by an official of the Corporation above his official title and the corporate seal must be affixed over his signature.
2. Firm or Partnership: The Bond must be signed by all the partners and indicate they are "Doing Business As (name of firm)".
3. Individual: The Bond must be signed by the individual owning the business and indicated "Owner".
4. The Surety Company executing the Bond must be licensed to do business in the State of Connecticut, or Bond must be countersigned by a company so licensed.
5. The Bond must be signed by an official of the Surety Company and the corporate seal must be affixed over his signature.
6. Signature of two witnesses for both principal and the Surety must appear on the Bond.

3.15 Price Proposal

See Exhibit B, Price Proposal Template for use when responding to this RFP.

- A. Proposer's base proposal shall be for the overhaul of either eight (8) GE P-40 locomotives or six (6) GP-40 locomotives, or both; in accordance with the technical and contractual requirements of this Specification.
- B. This Contract will be a firm fixed-price (including negotiated prices – If any), Contract except for those items specified as cost-plus.
 1. The Proposal price shall be for complete overhaul, testing, delivery and warranty support of the locomotives ready for ConnDOT revenue service use, and shall include all applicable freight and installation charges.
 2. For cost-plus work, the Proposal shall include certified payroll rates for all labor to be used, certified overhead rates, and the Proposer's profit which shall not exceed 10%. Labor rates shall be at least the minimum rate established for the Project by the State Labor Department or the U.S. Department of Labor. Cost-plus work is subject to the requirements of Exhibit A - Section A40.
- C. Prices shall be quoted in U.S. Dollars.

- D. All deliveries are to be delivered FOB to Connecticut Commuter Rail Maintenance Facility, 54 Hallock Ave, New Haven CT., 06519 at the Proposer's expense.
- E. This Proposal shall be binding upon the Proposer for one hundred eighty (180) calendar days following the RFP due date. Any RFP on which the Proposer shortens the acceptance period may be rejected (see Section 3.18).

3.16 Spare Parts

- A. The Proposer shall furnish prices for Optional Spare Parts (Form D-25).
- B. The Proposer shall submit, as part of his Proposal, a list of recommended non-consumable spare parts and a list of recommended consumable spare parts.
 - 1. These lists are for informational purposes only and will not be used in RFP Evaluation.

3.17 Stability of Proposed Prices

Any price offerings from Proposers must be valid for a period of one hundred eighty (180) days from the RFP due date. An RFP for which the Proposer shortens the acceptance period may be rejected.

3.18 Rejection of Proposals

- A. Proposals which fail to meet the requirements stated herein, or which are incomplete, conditional or obscure, or which contain additions not called for, erasures, alterations, white-out or irregularities of any kind or in which errors occur, or which contain abnormally high or abnormally low prices for any class or item of work, may be rejected as invalid, at the discretion of the State.
- B. More than one Proposal from the same Proposer, whether or not the same or different names appear on the signature page, shall not be considered.
- C. Any Proposer that has an interest in more than one Proposal for the work contemplated will cause the rejection of all Proposals made by him directly or indirectly.
- D. All Proposals shall be rejected if there is reason for believing that collusion exists among the Proposers.

3.19 Withdrawal of Proposals after RFP Due Date

- A. Withdrawal of Proposal Due to Error
 - 1. A Proposer may withdraw his RFP from consideration if the proposal price was substantially lower than the other RFPs due solely to a mistake therein, provided the RFP was submitted in good faith, and the mistake was a clerical mistake as opposed to a judgment mistake, and was actually due to an unintentional arithmetic error or an unintentional omission of a quantity of work, labor or material made directly in the compilation of a Proposal with unintentional arithmetic error or unintentional omission which can be clearly shown by objective evidence drawn from inspection of original work papers, documents and materials used in the preparation of the RFP sought to be withdrawn.
 - 2. The Proposer shall give notice in writing of his claim of right to withdraw his Proposal along with his original work papers, documents, and materials used in the preparation of the Proposal to the Bureau of Finance and Administration, Division of Purchasing and Materials Management within two (2) days of the conclusion of the RFP Due Date.
 - 3. If the Bureau of Finance and Administration, Division of Purchasing and Materials Management denies the withdrawal of a Proposal within ten (10) days after receiving notice from the Proposer under the provisions of this section, ConnDOT shall notify the Proposer in writing stating the reasons for its decision and award the Contract to such Proposer at the Proposal price, provided such Proposer is a responsible and responsive Proposer.
 - 4. If the Bureau of Finance and Administration, Division of Purchasing and Materials Management allows a Proposal to be withdrawn by the authority of this Section, the second highest-scoring Proposer shall be deemed the Awarded Proposer (see Section 3.23).

3.20 Contract Award

The State reserves the right to award this Contract in a manner deemed to be in the best interest of the State and may include, but not be limited to:

- A. by item, group of items, or in its entirety
- B. Multiple Vendor Award

The successful Proposer will be notified in writing by mail or otherwise that his Proposal has been accepted and that he has been awarded the Contract (pending negotiations -- if any).

3.21 Exercise of Options

- A. ConnDOT will exercise this option or not exercise the option, either as a total package or on an individual item basis, whichever ConnDOT determines to be in its best interest, within one (1) year of awarding the contract. All quantities are estimated. The State reserves the right to add or delete quantities at the unit per Proposal price. Proposers will quote firm unit prices for this Option.
- B. Shipment of Spare Parts shall commence within ten (10) months after awarding the option.

3.22 Erroneous Awards

ConnDOT reserves the right to correct inaccurate awards. This may include, in extreme circumstances, revoking the awarding of a contract already made to a proposer and subsequently awarding the contract to another proposer.

Such action on the part of ConnDOT shall not constitute a breach of contract on the part of ConnDOT since the contract with the initial proposer is deemed to be void and of no effect as if no contract ever existed between ConnDOT and such proposer.

3.23 Failure to Accept Award

- A. Should the successful Proposer fail to accept an Award within ten (10) days of said notice and submit the surety and insurance required within twenty (20) days from the date of notice, ConnDOT may, at its option, determine that the Proposer has abandoned the RFP and thereupon the Proposal and acceptance shall be null and void. The Contract may be awarded to the next highest-scoring responsive and responsible qualified Proposer, and so on until such Contract is awarded and accepted.
- B. The guarantee accompanying the Proposal shall be retained or collected by ConnDOT as liquidated damages for the delay and expense caused by the abandonment of the Contract.
- C. It is agreed that the foregoing paragraph shall be construed and treated by the parties to the Contract not as imposing a penalty upon said Contractor for failure to fully execute the Contact as agreed on or before the time specified in the RFP, but as liquidated damages to compensate ConnDOT because of the failure of the Contractor to fully execute the Contract on or before the date specified in the RFP.

4. Proposal Requirements

4.1 Validation of Proposals

- A. The Proposals shall be binding commitments which ConnDOT may include, by reference or otherwise, into any contract with a Proposer. The Proposals must provide the names, titles, addresses and telephone numbers of those individuals with authority to negotiate a contract with ConnDOT and contractually bind the Proposer.
- B. The Proposal must also include evidence that it has been duly delivered on the part of the Proposer, that the persons submitting the Proposal have the requisite corporate power and authority to structure, compile, draft, submit and deliver the Proposal and subsequently to enter into, execute and deliver and perform on behalf of the Proposer any contract contemplated in this RFP.

4.2 Ineligible Contractors

By submitting a Proposal, the Proposer certifies that he and his Subcontractors are not currently debarred from submitting Proposals on Contracts by any agency of the State of Connecticut, nor is he an agent of any person or entity that is currently debarred from submitting proposals on Contracts by any agency of the State of Connecticut pursuant to 29 CFR 215, 315, 325 (c) and 415 latest issue.

4.3 Proposer Presentation of Supporting Evidence

Proposers must be prepared to provide any evidence of experience, performance, ability, and/or financial surety that ConnDOT deems to be necessary or appropriate to fully establish the performance capabilities represented in their proposals.

4.4 Proposer Demonstration of Proposed Services and or Products

At the discretion of ConnDOT, proposers must be able to confirm their ability to provide all proposed services. Any required confirmation must be provided at a site approved by ConnDOT and without cost to the State.

4.5 Proposal Expenses

Proposers are responsible for all costs and expenses incurred in the preparation of proposals and for any subsequent work on the proposal that is required by ConnDOT.

4.6 Ownership of Proposals

All proposals shall become the sole property of the State and will not be returned.

4.7 Ownership of Subsequent Products

Any product, whether acceptable or unacceptable, developed under a contract awarded as a result of this RFP shall be the sole property of the State unless otherwise stated in the contract.

4.8 Pre-Award Audit

- A. After the RFP Due Date and prior to Contract award, ConnDOT shall have reviewed and evaluated all data submitted by the Proposer.
- B. The State reserves the right to perform or have performed a financial review of the successful Contractor's resources, and to require the submission of a statement of work in progress by the Contractor.
- C. The cost for performing the above audits or reviews shall be the sole responsibility of ConnDOT. Contractor shall not include any such related costs in his Proposal.

4.9 Cost/Price Analysis

A cost/price analysis and evaluation and/or audit may be performed of the cost proposal in order to determine if the price is fair and reasonable. A detailed cost proposal and analysis of up to four (4) Bids awarded to the Proposer within the past two (2) years may be requested.

- A. A price analysis is the process of examining and evaluating a prospective price without evaluation of the separate cost elements.
 - 1. It should be recognized that a price analysis through comparison to other similar Contracts shall be based on an established or competitive price of the elements used in the comparison.
 - 2. The comparison shall be made to the purchase of similar quantity and involving similar specifications.
- B. A cost analysis is the process of examining and evaluating a prospective Proposal through the evaluation of the cost of each element which comprise the Proposal Price.

5. SPECIAL PROVISIONS

5.1 Laws to be Observed

- A. The Contractor at all times shall observe and comply with all Federal and State laws and local bylaws, ordinances and regulations in any manner affecting the conduct of the work, and all such orders or decrees as exist at present and those which may be enacted later, of bodies or tribunals having any jurisdiction or authority over the work. He shall indemnify and save harmless the State and all of its officers, agents and servants against any claim or liability arising from or based on the violation of any such law, bylaw, ordinance, regulation, order or decree, whether by himself or his employees.
- B. If any discrepancy or inconsistency is discovered in the Contract for the work in relation to any law, ordinance, regulations, order or decree; the Contractor shall forthwith report the same to ConnDOT in writing.
- C. The Contractor shall at all times observe and comply with and shall cause all his agents, employees and Subcontractors to observe and comply with, all existing laws, ordinances, regulations, orders, and decrees.

5.2 Wage Rates

PREVAILING WAGES:

This RFP package contains Federal Wage Rates. The Federal provisions contained herein describe the Federal requirements. All provisions outlined in these regulations will prevail throughout the life of the contract and any extensions thereto, including submission of certified payrolls at the end of each workweek, as noted below. This provision will be strictly enforced by ConnDOT.

Information regarding Federal Wage Rates, including contact information, is available on the following website:

<http://www.dol.gov/compliance/laws/comp-dbra.htm>

Information regarding Wage Rates will be forthcoming.

5.3 Motor Carrier Safety Review

If the performance of the Contract requires the use and operation of any commercial motor vehicle, as defined in section 14-1 of the Connecticut General Statutes, or other motor vehicle with a gross vehicle weight rating (GVWR) of 18,000 pounds or more, each Proposer will be the subject of an evaluation, conducted by the Connecticut Department of Motor Vehicles (CTDMV) of its motor carrier safety fitness. The primary factor in the evaluation is the current SAFESTAT score, calculated by the U.S. Federal Motor Carrier Safety Administration (FMCSA) in accordance with the provisions of Title 49, Section 385.1, et seq., of the Code of Federal Regulations.

To be deemed qualified, the Proposer must have an overall SAFESTAT category rating of "D" or better, on the date of evaluation. In addition, the proposer's driver and vehicle out-of-service rates will be consulted. The rates are determined by the number of out-of-service violations cited to the motor carrier in the course of all official, reported vehicle and/or driver inspections conducted during the preceding thirty (30) months. To be deemed qualified, the proposer must not have either a vehicle or driver out-of-service rate, by percentage of out-of-service violations per the total number of inspections reported, that is more than twice the national average. In addition, the proposer must have a current federal safety management practices rating of "Satisfactory," as defined in 49 CFR section 385.3, as amended.

Further information concerning the motor carrier safety evaluation, to which a proposer is subject, may be obtained from CTDMV, at <http://www.ct.gov/dmv/cwp/view.asp?a=798&q=413206&dmvPNavCtr=1#49068>. All official inspection and rating data that is used in the performance of each evaluation is available to any motor carrier through the federal SAFESTAT website, at <http://www.ai.volpe.dot.gov/>.

5.4 DBE Certification

Pursuant to Title 49, Code of Federal Regulations, part 23.67, a Proposer, as a condition of being authorized to bid this procurement, must certify by completing "DBE APPROVAL CERTIFICATION", that it has on file with the FTA an approved or not disapproved annual DBE subcontracting participation goal.

The approved DBE subcontracting participation goal for this project is 0% of the total contract cost.

5.5 Interest of Member of, or Delegates to, Congress

No member of, or delegate to, the Congress of the United States will be admitted to any share or part of this Contract or to any benefit arising there from. (41U.S.C.§ 22.)

5.6 Prohibited Interest

No member officer or employee of ConnDOT or of a local public body during his tenure or one (1) year thereafter will have any interest, direct or indirect, in this Contract or the proceeds thereof.

5.7 Compliance with CT Gen. Statutes Sections 33-922, 33-636 and 33-953

Prior to the award of any contract, corporations which are incorporated in states other than Connecticut (foreign corporations) must have on file with the Connecticut Secretary of State's Office, an approved Certificate of Authority and corporations incorporated in Connecticut (domestic corporations) must have on file an approved Certificate of Incorporation. All required annual reports for both types of corporations, including the organizational report for domestic corporations must also be on file with the Connecticut Secretary of State's Office. See Conn. General Statutes Sections 33-922, 33-636 and 33-953. Any questions regarding these filing requirements may be directed to the Connecticut Secretary of State's Office at (860) 509-6002. You may also review information on the Secretary of State's Office website at <http://www.sots.ct.gov>.

5.8 Rail Safety Improvement Act of 1988

- A. The Contractor shall comply with the Rail Safety Improvement Act of 1988 – Public Law 100-342 dated June 22, 1988, or as amended.
- B. This Act mandates that the U.S. Department of Transportation (DOT) revise the Code of Federal Regulations (CFR) Title 49 Parts 200 through 268 to include the intent of the law.
- C. The Contractor shall be aware of developments in the FRA rule making procedures and advise ConnDOT in writing of any changes to the locomotive or locomotive borne equipment that might be required as a result of the rule revisions.

5.9 Roadway Worker Protection

All Contractor personnel working in the vicinity of the railroad or on railroad property must receive Roadway Worker Protection (RWP) training. The Contractor is responsible for all costs of RWP Training. All Contractor personnel working in the vicinity of the railroad or on railroad property must wear a hard hat, an approved fluorescent safety vest, OSHA approved safety glasses and proper work boots, provided by the Contractor, at all times. The Contractor shall provide their personnel with a photo identification badge, which shall include the employee's full name and the name of the Contractor.

5.10 AMTRAK Railroad Operations:

The Contractor shall coordinate his activities with Amtrak, and shall receive permission for all operations that are in proximity of the railroad tracks. Work within 15 feet of the tracks shall be avoided, and the contractor is prohibited from performing any work that could interfere with Amtrak Railroad operations or the protection of railroad crossings.

5.11 Americans with Disabilities Act of 1990

This clause applies to those contractors who are or will be responsible for compliance with the terms of the Americans with Disabilities Act of 1990, (42 U.S.C. 12101 *et seq.*), (Act), during the term of the contract. The contractor represents that it is familiar with the terms of the Act and that it is in compliance with the Act. Failure of the contractor to satisfy this standard as the same applies to performance under this contract, either now or during the term of the contract as it may be amended, will render the contract voidable at the option of the State upon notice to the contractor. The contractor warrants that it will hold the State harmless and indemnify the State from any liability which may be imposed upon the State as a result of any failure of the contractor to be in compliance with this Act, as the same applies to performance under this contract.

5.12 Appendix CR

That the Contractor shall comply with the Regulations of the United States Department of Transportation (Title 49, Code of Federal Regulations, Part 21) issued in implementation of Title VI of the Civil Rights Act of 1964, 78 Stat. 252, 42 U.S.C. 2000d to 2000d-4, and Appendix CR attached hereto, and made a part hereof.

5.13 Quality Assurance Program

- A. The Contractor shall establish and maintain an effective Quality Assurance Program and staff to ensure that the locomotive(s) meet(s) all Specification requirements. **Proposers shall submit a detailed outline of their Quality Assurance Program with their RFP documents.**

5.14 Liquidation of Indebtedness

The State may refuse at any time to make payments under this contract, if (a) the Contractor has failed to comply with the terms of the contract or any applicable state law or regulation, or (b) the contractor is indebted to the State of Connecticut and the collection of the indebtedness will not impair accomplishment of the objectives of this contract. Under such conditions, the State will inform the Contractor, in writing, that payment will not be made after a specified date until the noncompliance described in such is corrected, or the indebtedness is liquidated.

5.15 Conformity with Plans and Specifications

- A. No willful and substantial deviation from the Plans and Specifications shall be made unless authorized in writing by ConnDOT.
- B. Any change which can affect the amount of, or time for completion of, the Contract shall be handled by Change Order to the Contract in accordance with Exhibit A Section A23

6. Selection Criteria

A selection committee will review and score all proposals. This is a competitively negotiated, best-value procurement. Award will be made to the Proposer who is deemed responsible, possesses the management, financial, and technical capabilities necessary to fulfill the requirements of the contract, whose proposal conforms to the submittal requirements stated herein, and who is judged by an integrated assessment of the general considerations and specific criteria (defined as the Selection Criteria) to be most advantageous to ConnDOT, with price and other factors considered.

Prior to evaluating any proposal, ConnDOT may take into consideration several general criteria to determine the completeness and responsiveness of the submission. These general considerations include:

- The Proposer has submitted a complete proposal, with all required forms and information as requested by the deadline established by ConnDOT.
- The Proposer has agreed to abide by the terms and conditions of the State's typical contract agreement, or has clearly identified proposed exceptions to these terms and conditions in its submittal.
- The Proposer demonstrates sufficient financial stability to undertake a project of this size and scope.
- The Proposer meets any and all Disadvantaged Business Enterprise (DBE) and Affirmative Action requirements specified by the State.
- The Proposer agrees to abide by all Federal, state, and local rules, requirements, and regulations.

The following information, in addition to the requirements identified throughout this RFP Document, will be considered as part of the Selection process and are listed in order of relative importance.

1. Price

- a. Proposal Prices

2. Schedule:

- a. Anticipated Shop Availability (in days from Notice to Proceed (NTP))
- b. Delivery of First P-40 Locomotive (in days from NTP)
- c. Anticipated schedule/duration for eight (8) P-40 Locomotives
- d. Delivery of First GP-40 Locomotive (in days from NTP)
- e. Anticipated schedule/duration for six (6) GP-40 Locomotives

3. Services / Warranty:

- a. Equipment Warranty
- b. Response Time
- c. Warranty Staff Location
- d. Warranty Staff Experience

4. Contractual or Technical Exceptions

5. Personnel

- a. Number of Qualified Technicians
- b. Certifications
- c. Number of Laborers (Non-Technical)

6. References:

- a. Services Provided to Other States or Railroads
- b. Services Provided to CT State Agencies
- c. Services Provided to Private Sector

7. Technology

- a. Shop Facilities (in house)
- b. Major Vendors utilized by Contractor

8. Business Information

- a. Brief History
- b. Annual Report/Financial Statement
- c. Length of Time in Business
- d. State Contracts (similar type of work)
- e. Affiliated Businesses

7. Submittal Requirements

7.1 Transmittal Letter Format

The Proposer's submission shall include a transmittal letter showing the Proposer's name, post office address, telephone number, fax number, and name, title, telephone number, email address, and signature of the person submitting the proposal. This person identified in the cover letter will be considered by the State as the contact person for the Proposer. The transmittal letter should also clearly identify the prime contractor and any and all sub-contractors and sub-consultants, as well as proposed teaming arrangements.

7.2 Selection Criteria Submittals:

Prospective Proposers must submit, in writing, a detailed narrative addressing each of the Selection Criteria for each locomotive type with RFP documents, to enable comparison with other Proposals received. Please number and letter your responses to correspond with each item listed above for identification purposes. Failure to submit Selection Criteria Submittals with RFP package will be reflected in the scoring of your RFP.

1. Criteria: Price
 - a. Proposal Prices

Submittals: **Exhibit B – Price Schedule**

2. Criteria: Schedule
 - a. Anticipated Shop Availability (in days from Notice to Proceed (NTP))
 - b. Delivery of First P-40 Locomotive (in days from NTP)
 - c. Anticipated schedule/duration for 8 P-40 Locomotives
 - d. Delivery of First GP-40 Locomotive (in days from NTP)
 - e. Anticipated schedule/duration for 6 GP-40 Locomotives

Submittals: Proposers shall provide a work plan and preliminary schedule for accomplishing the work proposed. Proposers should include a clear, concise narrative incorporating Gantt charts or equivalent tables that documents work plan responsibilities, the duration of each task, proposed implementation milestones, and sufficient time for the State reviews, approvals, and testing. Proposers should develop a relative timetable based on a Notice to Proceed (NTP); and a Statement affirming that Proposer has the capacity to overhaul the locomotives specified in this document within the time specified.

3. Criteria: Services / Warranty:
 - a. Equipment Warranty
 - b. Response Time
 - c. Warranty Staff Location
 - d. Warranty Staff Experience

Submittals: Provide a narrative addressing each of the items above

4. Criteria: Contractual or Technical Exceptions

Submittals: **Form D-6 - “Request for Approval, Exception or Clarification” (Make additional copies, if needed)**

5. Criteria: Personnel
 - a. Number of Qualified Technicians
 - b. Certifications
 - c. Number of Laborers (Non-Technical)

Submittals:	To determine that Proposer has the necessary technical capability to perform the work as described, provide a list of number and types of personnel; brief resumes for key staff, and a list and/or copies of applicable certifications held by company/personnel. Proposers shall also identify any Subcontractors, or third party participants as part of their proposed project team and provide similar background information for them.
6. Criteria	<p>References</p> <ul style="list-style-type: none"> a. Services Provided to Other States or Railroads b. Services Provided to CT State Agencies c. Services Provided to Private Sector
Submittals:	For each of the items above, provide the following: <ul style="list-style-type: none"> • A tabulation by year of build of the numbers of locomotives of each type, which were overhauled in the last five (5) years. • The entity for whom the overhaul work was performed, with the name of a contact person, contact person's title, entity address, telephone number, email address, and the role of the contact person in the referenced work. • The locations and descriptions of the facilities where the above work was performed including the percent of labor performed by the prime Contractor. • Statement of all locomotive repair, overhaul, manufacture or remanufacturing Contracts which the Proposer has been awarded, or on which the Proposer is apparent low, type of vehicles, and the delivery dates for same.
7. Criteria:	<p>Technology</p> <ul style="list-style-type: none"> a. Shop Facilities (in house) b. Major Vendors utilized by Contractor
Submittals:	Provide the location and description of the facility where the work to be done under this Contract will be performed,
8. Criteria:	<p>Business Information</p> <ul style="list-style-type: none"> a. Brief History b. Annual Report/Financial Statement c. Length of Time in Business d. Affiliated Businesses
Submittals:	In addition to a brief narrative identifying each of the above, Proposers shall provide a statement of financial resources in a separately sealed envelope, in the form of audited annual income statements for the last two years available.

8. CONTRACT

This RFP is not a contract and, alone, shall not be interpreted as such. Rather, this RFP only serves as the instrument through which proposals are solicited.

ConnDOT will pursue negotiations with the highest scoring Proposer. Once the evaluation of the Proposals is complete and a Proposer is selected, the selected Proposal and this RFP will then serve as the basis for a contract that will be negotiated and executed between ConnDOT and the selected Proposer. This RFP and the Proposal will be attached to the contract as exhibits.

If, for some reason, ConnDOT and the initial Proposer fail to reach consensus on the issues relative to a contract, then ConnDOT may commence contract negotiations with other proposers. ConnDOT may decide at any time to start the RFP process again.

Thereafter, Proposers will be required to sign a formal contract as identified in "Contract".

A. A Contract comprises the following elements:

1. ConnDOT under its statutory authority shall select the successful Proposer and make notification of their selection in writing to the Proposer. The successful Proposer shall notify ConnDOT in writing within ten (10) days of receipt of award, of their receipt and acceptance of the award.
 2. ConnDOT, at its sole discretion, may elect to enter into negotiations with the selected Proposer. Negotiation Items may include, but are not limited to the following: price, delivery, work to be performed, etc. The final negotiated pricing and terms will be issued by ConnDOT in the form of a Contract Award.
 3. After notification of award, the successful Proposer will receive the State's approved Performance and Payment Bonds and Insurance forms. These forms with the required bonding and insurance must be completed and returned to the State within twenty (20) days after receipt of the same.
 4. The State's Purchase Order, when issued, shall constitute the Notice To Proceed (NTP). When received by the Proposer it shall serve as the Proposer's authority to proceed to furnish the equipment, material and services described herein; the State has thirty (30) days from the date of award to issue the Purchase Order.
- B. Any variations to the aforementioned elements shall be considered by ConnDOT as unresponsive and shall be cause to consider that the Proposer has abandoned the Contract.