



NATIONAL TRANSPORTATION SAFETY BOARD
Investigative Hearing

Washington Metropolitan Area Transit Authority Metrorail train 302 that encountered heavy smoke in the tunnel between the L'Enfant Plaza Station and the Potomac River Bridge on January 12, 2015

GROUP	H
EXHIBIT	
23	

Agency / Organization

Washington Metropolitan Area Transit Authority

Title

Maintenance and Material Management
System
Work Order Details



Washington Metropolitan Area Transit Authority

Maintenance and Material Management System

Work Order Details

11469307
Type: CM



Status: CLOSE
05/05/2015 07:44

Work Description: F2 071+00 - INVESTIGATE REPORT OF WATER SPOUTING OUT OF THE WALL & ONTO THE TRACK IN THE TUNNEL

Job Plan Description:

Work Information

Asset: TFS2 STRUCTURES OF TRACK 2 - PARENT LEVEL 000-550+00 Asset Tag: Location: F ORIM, F Line, Branch Avenue Work Location: Failure Class: TRSTSTRC TRST, STRUCTURES Problem Code: D48 LEAKING Requested By: MOC Chain Mark Start: 71	Owning Office: TRST Maintenance Office: TRST-STRC Labor Group: TRST-STRC-SOU Crew: GL Account: WMATA-02-33630-50499360-042-*****.*****-OPR** Supervisor: Requestor Phone: 21530 Chain Mark End: 72	Parent: Create Date: 01/13/2015 03:12 Actual Start: 01/13/2015 11:31 Actual Comp: 05/05/2015 07:40 Target Start: Target Comp: Scheduled Start:
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Task IDs

Task ID	Component:	Work Accomplishment:	Reason:	Status:	Position:	Warranty?:
10	Install Temporary Plate 215063/F03	INSTALLED	LEAKING	CLOSE	684	N
	Start Marker:	Start Offset:	Quantity:	Linear Footage:	Square Footage:	Actual Start: 01/13/2015
	End Marker:	End Offset:				Actual Finish: 01/13/2015
20	Fabricated materials for F03 L EnFant 215063	FABRICATED	LEAKING WATER	CLOSE		N
	Start Marker: 73	Start Offset: 0	Quantity:	Linear Footage:	Square Footage:	Actual Start: 01/13/2015
	End Marker:	End Offset:				Actual Finish: 01/14/2015
30	Pump Grout For F03 (CC 215063)	INSTALLED	LEAKING	CLOSE	684	N
	Start Marker:	Start Offset:	Quantity: 2 Bags	Linear Footage:	Square Footage:	Actual Start: 01/13/2015
	End Marker:	End Offset:				Actual Finish: 01/13/2015
40	JR02 to clean up mud and debris	CLEANED	DEBRIS PRESENT	CLOSE		N
	Start Marker: 72	Start Offset: 0	Quantity:	Linear Footage: 35	Square Footage:	Actual Start: 01/13/2015
	End Marker: 71	End Offset: 65				Actual Finish: 01/14/2015
50	Standing by at the access area F03 215063	SPECIAL PROJECT	NO TROUBLE FOUND	CLOSE		N



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Task ID	Start Marker:	Start Offset:	Quantity:	Linear Footage:	Square Footage:	Actual Start: 01/14/2015
	End Marker:	End Offset:				Actual Finish: 01/14/2015
60	Standby @ F03 and Fabrication of Plate F03 215063					
Component:			Work Accomp: FABRICATED	Reason: LEAKING WATER	Status: CLOSE	Position:
						Warranty?: N
	Start Marker:	Start Offset:	Quantity:	Linear Footage:	Square Footage:	Actual Start: 01/15/2015
	End Marker:	End Offset:				Actual Finish: 01/15/2015
70	Standby, support of Fabrication Plate/ F03 trk2 / 215063					
Component:	200-L02 TUNNEL-LEAKS		Work Accomp: INSPECTED	Reason: LEAKING WATER	Status: CLOSE	Position: 232
						Warranty?: N
	Start Marker:	Start Offset:	Quantity:	Linear Footage:	Square Footage:	Actual Start: 01/15/2015
	End Marker:	End Offset:				Actual Finish: 01/16/2015
80	Standby, support of Fabrication Plate/ F03 trk2 / 215063					
Component:	200-L02 TUNNEL-LEAKS		Work Accomp: INSPECTED	Reason: LEAKING WATER	Status: CLOSE	Position: 232
						Warranty?: N
	Start Marker:	Start Offset:	Quantity:	Linear Footage:	Square Footage:	Actual Start: 01/14/2015
	End Marker:	End Offset:				Actual Finish: 01/15/2015
90	Standby, support of Fabrication Plate/ F03 trk2 / 215063					
Component:	200-L02 TUNNEL-LEAKS		Work Accomp: INSPECTED	Reason: LEAKING WATER	Status: CLOSE	Position: R
						Warranty?: N
	Start Marker:	Start Offset:	Quantity:	Linear Footage:	Square Footage:	Actual Start: 01/16/2015
	End Marker:	End Offset:				Actual Finish: 01/17/2015
100	Fabricated material for F03 L Enfant 215063					
Component:			Work Accomp: FABRICATED	Reason: LEAKING WATER	Status: CLOSE	Position:
						Warranty?: N
	Start Marker:	Start Offset:	Quantity:	Linear Footage:	Square Footage:	Actual Start: 01/16/2015
	End Marker:	End Offset:				Actual Finish: 01/16/2015
110	Standby, support of Fabrication Plate/ F03 trk2 / 215063					
Component:	200-L02 TUNNEL-LEAKS		Work Accomp: INSPECTED	Reason: LEAKING WATER	Status: CLOSE	Position: R
						Warranty?: N
	Start Marker:	Start Offset:	Quantity:	Linear Footage:	Square Footage:	Actual Start: 01/17/2015
	End Marker:	End Offset:				Actual Finish: 01/18/2015
120	Standby, support of Fabrication Plate/ F03 Trk 2 215063					
Component:	200-L02 TUNNEL-LEAKS		Work Accomp: INSPECTED	Reason: LEAKING WATER	Status: CLOSE	Position: 1018
						Warranty?: N



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130	removed temporary plate and installed new plate L2-215063 Crew removed the temporary steel plate at L2 070+50 that was installed last week. Chipped away all the grout that was behind the plate. Cut the 2 old bolts out of the steel liner. Fit the new plate and marked the 2 bolt holes. Mag drilled the two holes in the new steel plate. Installed the new steel plate with 2 new stud bolt. Piggybacked with Power unit 1100.					Actual Start: 05/05/2015 Actual Finish: 05/05/2015
Component:	200-B03 STRUCTURE-TUNNEL	Work Accomp:	INSTALLED	Reason:	LEAKING WATER	Status: CLOSE Position: Warranty?: N
Start Marker:	70	Start Offset:	50	Quantity:	1	Linear Footage:
End Marker:	70	End Offset:	50			Square Footage:
						Actual Start: 01/20/2015 Actual Finish: 01/21/2015
140	Completed welding fabricated plate F03 800021					
Component:		Work Accomp:	FABRICATED	Reason:	LEAKING WATER	Status: CLOSE Position: Warranty?: N
Start Marker:		Start Offset:		Quantity:		Linear Footage:
End Marker:		End Offset:				Square Footage:
						Actual Start: 01/20/2015 Actual Finish: 01/21/2015
150	drilled holes in liner rib and plate- L line 215063 Crew mag drilled a new hole through each rib on steel liner to install the bottom 2 bolts at l2 70+50. Marked the holes on the steel plate. Removed the steel plate and mag drilled the 2 holes in the plate. Crew reinstalled the plate with 4 studs. Piggybacked with power unit 1100					
Component:	200-B03 STRUCTURE-TUNNEL	Work Accomp:	DRILLED	Reason:	DAMAGED	Status: CLOSE Position: Warranty?: N
Start Marker:	70	Start Offset:	50	Quantity:	2	Linear Footage:
End Marker:	70	End Offset:	50			Square Footage:
						Actual Start: 01/21/2015 Actual Finish: 01/22/2015
160	injected port in steel plate L2- 215063 Crew removed steel plate at L2 070+50. Installed seal to the back of plate and mag drilled a hole in the plate for the injection port. Installed the injection. Reinstalled steel plate and injected the port. The chemical was out of date and didn't work. Chinked the rib by the plate to slow down the water.					
Component:	200-B03 STRUCTURE-TUNNEL	Work Accomp:	INSTALLED	Reason:	LEAKING WATER	Status: CLOSE Position: Warranty?: N
Start Marker:	70	Start Offset:	50	Quantity:	1	Linear Footage:
End Marker:	70	End Offset:	50			Square Footage:
						Actual Start: 01/22/2015 Actual Finish: 01/23/2015
170	Drilled and inject 2 locations and trk bed cleaning/F03 800027					
Component:	200-B00 TUNNEL	Work Accomp:	DRILLED	Reason:	LEAKING WATER	Status: CLOSE Position: 232 Warranty?: N
Start Marker:	0	Start Offset:	0	Quantity:	8	Linear Footage: 100
End Marker:	0	End Offset:	0			Square Footage:
						Actual Start: 02/07/2015 Actual Finish: 02/07/2015
175	Installation of plates / Bolt loosened F03 Shaft 800027					
Component:		Work Accomp:	INSTALLED	Reason:	LEAKING WATER	Status: CLOSE Position: Warranty?: N



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Task IDs						
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180	Installation of Ball Valve					
Component:		Work Accomp: INSTALLED	Reason: LEAKING WATER	Status: CLOSE	Position:	Warranty?: N
Start Marker:	Start Offset:	Quantity:	Linear Footage:	Square Footage:	Actual Start: 02/24/2015	
End Marker:	End Offset:				Actual Finish: 02/25/2015	
190	Reinforced Plates and Injected F03 Shaft 800021					
Component:		Work Accomp: INSTALLED	Reason: LEAKING WATER	Status: CLOSE	Position:	Warranty?: N
Start Marker: 70	Start Offset: 0	Quantity:	Linear Footage:	Square Footage:	Actual Start: 02/26/2015	
End Marker:	End Offset:				Actual Finish: 02/27/2015	
200	Inject leak location F03 Shaft Area Trk #2 800021					
Component:		Work Accomp: DRILLED	Reason: LEAKING WATER	Status: CLOSE	Position:	Warranty?: N
Start Marker: 69	Start Offset: 90	Quantity:	Linear Footage:	Square Footage:	Actual Start: 03/03/2015	
End Marker:	End Offset:				Actual Finish: 03/04/2015	
205	Installed Panels and injected F03 800021					
Component:		Work Accomp: INSTALLED	Reason: LEAKING WATER	Status: CLOSE	Position:	Warranty?: N
Start Marker:	Start Offset:	Quantity:	Linear Footage:	Square Footage:	Actual Start: 03/10/2015	
End Marker:	End Offset:				Actual Finish: 03/11/2015	
210	Injected location and installed plates F03 Shaft 800021					
Component:		Work Accomp: INSTALLED	Reason: LEAKING WATER	Status: CLOSE	Position:	Warranty?: N
Start Marker: 69	Start Offset: 80	Quantity:	Linear Footage:	Square Footage:	Actual Start: 03/11/2015	
End Marker:	End Offset:				Actual Finish: 03/12/2015	
220	Installed new plates and Injected F03 800021					
Component:		Work Accomp: INSTALLED	Reason: LEAKING WATER	Status: CLOSE	Position:	Warranty?: N
Start Marker: 69	Start Offset: 80	Quantity:	Linear Footage:	Square Footage:	Actual Start: 05/05/2015	
End Marker:	End Offset:				Actual Finish: 05/05/2015	
230	Installed panels at leaking areas F03 800021					
Component:		Work Accomp: INSTALLED	Reason: LEAKING WATER	Status: CLOSE	Position:	Warranty?: N



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Job Plan Description:

Task IDs

Task ID	Start Marker:	Start Offset:	Quantity:	Linear Footage:	Square Footage:	Actual Start:
240	Installation of plates F03 Vent Shaft 800021					03/20/2015
Component:			Work Accomp: INSTALLED	Reason: LEAKING WATER	Status: CLOSE	Position:
						Warranty?: N
	Start Marker:	Start Offset:	Quantity:	Linear Footage:	Square Footage:	Actual Start: 03/18/2015
	End Marker:	End Offset:				Actual Finish: 03/19/2015
250	Injected 4 Locations Replaced 3 Ports F03 L nfante 800021					
Component:			Work Accomp: SERVICED	Reason: LEAKING WATER	Status: CLOSE	Position:
						Warranty?: N
	Start Marker: 69	Start Offset: 80	Quantity:	Linear Footage:	Square Footage:	Actual Start: 04/01/2015
	End Marker:	End Offset:				Actual Finish: 04/02/2015
260	No Work - No Radio Communications					
Component:			Work Accomp: SERVICED	Reason: LEAKING WATER	Status: CLOSE	Position:
						Warranty?: N
	Start Marker: 69	Start Offset: 80	Quantity:	Linear Footage:	Square Footage:	Actual Start: 04/02/2015
	End Marker:	End Offset:				Actual Finish: 04/03/2015
270	Injected 4 locations @ F03 Vent Shaft 800021					
Component:			Work Accomp: LUBRICATED	Reason: LEAKING WATER	Status: CLOSE	Position:
						Warranty?: N
	Start Marker: 69	Start Offset: 80	Quantity:	Linear Footage:	Square Footage:	Actual Start: 04/08/2015
	End Marker:	End Offset:				Actual Finish: 04/08/2015
280	Injected 4ea. Location @ F03 Vent Shaft 800021					
Component:			Work Accomp: ADDED FLUIDS	Reason: LEAKING WATER	Status: CLOSE	Position:
						Warranty?: N
	Start Marker: 69	Start Offset: 80	Quantity:	Linear Footage:	Square Footage:	Actual Start: 04/09/2015
	End Marker:	End Offset:				Actual Finish: 04/10/2015

Actual Labor

Task ID	Labor	Start Date	End Date	Start Time	End Time	Regular Hours	Regular Line Cost	Premium Hours	Premium Line Cost	Total Line Cost
10	E011594	01/13/2015	01/13/2015	06:00	16:00	8.00	\$249.84	2.00	\$93.69	\$343.52
10	E031906	01/13/2015	01/14/2015	06:00	14:30	8.00	\$295.93	0.00	\$0.00	\$295.93
10	E008920	01/13/2015	01/13/2015	06:00	14:30	8.00	\$249.84	0.00	\$0.00	\$249.84



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Task ID	Labor	Start Date	End Date	Start Time	End Time	Regular Hours	Regular Line Cost	Premium Hours	Premium Line Cost	Total Line Cost
10	E012037	01/13/2015	01/14/2015	06:00	14:30	8.00	\$249.84	0.00	\$0.00	\$249.84
10	E012549	01/13/2015	01/14/2015	06:00	14:30	8.00	\$249.84	0.00	\$0.00	\$249.84
10	E003864	01/13/2015	01/13/2015	06:00	14:30	8.00	\$225.95	0.00	\$0.00	\$225.95
10	E007623	01/13/2015	01/13/2015	06:00	14:30	8.00	\$240.23	0.00	\$0.00	\$240.23
10	E913491	01/13/2015	01/13/2015	06:00	16:00	8.00	\$298.71	2.00	\$112.01	\$410.72
10	E011982	01/13/2015	01/13/2015	06:00	16:00	8.00	\$243.74	2.00	\$91.40	\$335.15
10	E002361	01/13/2015	01/13/2015	06:00	16:00	8.00	\$269.88	2.00	\$101.20	\$371.08
20	E015934	01/13/2015	01/13/2015	08:00	15:00	4.00	\$121.87	3.00	\$137.11	\$258.98
20	E005274	01/13/2015	01/13/2015	04:00	15:00	8.00	\$283.42	3.00	\$159.43	\$442.85
20	E992146	01/13/2015	01/13/2015	08:00	15:00	4.00	\$149.35	3.00	\$168.02	\$317.38
20	E014648	01/13/2015	01/13/2015	08:00	15:00	4.00	\$121.87	3.00	\$137.11	\$258.98
20	E016294	01/13/2015	01/13/2015	04:00	15:00	8.00	\$219.37	3.00	\$123.39	\$342.76
20	E005393	01/13/2015	01/13/2015	04:00	15:00	8.00	\$206.32	3.00	\$116.05	\$322.38
30	E015933	01/13/2015	01/13/2015	07:00	15:00	8.00	\$243.74	0.00	\$0.00	\$243.74
30	E004288	01/13/2015	01/13/2015	07:00	15:00	8.00	\$284.81	0.00	\$0.00	\$284.81
30	E009534	01/13/2015	01/13/2015	07:00	15:00	8.00	\$277.87	0.00	\$0.00	\$277.87
40	E705418	01/14/2015	01/16/2015	22:00	06:00	8.00	\$304.68	0.00	\$0.00	\$304.68
40	E012042	01/13/2015	01/14/2015	22:00	06:00	8.00	\$249.84	0.00	\$0.00	\$249.84
40	E188516	01/13/2015	01/14/2015	22:00	06:00	8.00	\$235.82	0.00	\$0.00	\$235.82
40	E005392	01/13/2015	01/14/2015	22:00	06:00	8.00	\$254.83	0.00	\$0.00	\$254.83
40	E212134	01/13/2015	01/14/2015	22:00	06:00	8.00	\$268.57	0.00	\$0.00	\$268.57
40	E011388	01/13/2015	01/14/2015	22:00	06:00	8.00	\$249.84	0.00	\$0.00	\$249.84
40	E009657	01/13/2015	01/14/2015	22:00	06:00	8.00	\$249.84	0.00	\$0.00	\$249.84
40	E012554	01/13/2015	01/14/2015	22:00	06:00	8.00	\$249.84	0.00	\$0.00	\$249.84
40	E705418	01/13/2015	01/14/2015	22:00	06:00	8.00	\$304.68	0.00	\$0.00	\$304.68
40	E212134	01/14/2015	01/16/2015	22:00	06:00	8.00	\$268.57	0.00	\$0.00	\$268.57
40	E011388	01/14/2015	01/16/2015	22:00	06:00	8.00	\$249.84	0.00	\$0.00	\$249.84
40	E012042	01/14/2015	01/15/2015	22:00	06:00	8.00	\$249.84	0.00	\$0.00	\$249.84
40	E011982	01/14/2015	01/15/2015	22:00	06:00	8.00	\$243.74	0.00	\$0.00	\$243.74
50	E014648	01/14/2015	01/15/2015	14:00	24:00	8.00	\$243.74	2.00	\$91.40	\$335.15



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50	E012042	01/18/2015	01/18/2015	06:00	12:00	0.00	\$0.00	6.00	\$281.07	\$281.07
50	E005274	01/18/2015	01/19/2015	18:00	06:00	0.00	\$0.00	12.00	\$637.70	\$637.70
50	E005393	01/17/2015	01/17/2015	16:00	20:00	4.00	\$103.16	0.00	\$0.00	\$103.16
50	E014648	01/17/2015	01/18/2015	18:00	02:00	4.00	\$121.87	4.00	\$182.81	\$304.68
50	E015934	01/14/2015	01/14/2015	14:00	22:00	8.00	\$243.74	0.00	\$0.00	\$243.74
50	E016294	01/14/2015	01/14/2015	18:00	22:00	4.00	\$109.68	0.00	\$0.00	\$109.68
50	E005393	01/14/2015	01/15/2015	14:00	01:00	8.00	\$206.32	3.00	\$116.05	\$322.38
60	E005393	01/15/2015	01/15/2015	14:00	22:00	8.00	\$206.32	0.00	\$0.00	\$206.32
60	E005274	01/15/2015	01/15/2015	14:00	22:00	8.00	\$283.42	0.00	\$0.00	\$283.42
60	E014648	01/15/2015	01/16/2015	14:00	24:00	8.00	\$243.74	2.00	\$91.40	\$335.15
60	E015934	01/15/2015	01/15/2015	14:00	22:00	8.00	\$243.74	0.00	\$0.00	\$243.74
60	E016294	01/15/2015	01/15/2015	14:00	22:00	8.00	\$219.37	0.00	\$0.00	\$219.37
70	E013619	01/15/2015	01/16/2015	22:00	08:00	8.00	\$249.84	2.00	\$93.69	\$343.52
80	E013619	01/14/2015	01/15/2015	22:00	08:00	8.00	\$249.84	2.00	\$93.69	\$343.52
90	E013619	01/16/2015	01/17/2015	22:00	12:00	8.00	\$249.84	6.00	\$281.07	\$530.90
100	E005274	01/16/2015	01/17/2015	14:00	01:00	8.00	\$283.42	3.00	\$159.43	\$442.85
100	E014648	01/16/2015	01/17/2015	14:00	24:00	8.00	\$243.74	2.00	\$91.40	\$335.15



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100	E015934	01/16/2015	01/16/2015	14:00	22:00	8.00	\$243.74	0.00	\$0.00	\$243.74
100	E016294	01/16/2015	01/16/2015	14:00	22:00	8.00	\$219.37	0.00	\$0.00	\$219.37
100	E005393	01/16/2015	01/16/2015	14:00	22:00	8.00	\$206.32	0.00	\$0.00	\$206.32
110	E013619	01/17/2015	01/18/2015	22:00	06:00	8.00	\$249.84	0.00	\$0.00	\$249.84
120	E008496	01/17/2015	01/17/2015	07:00	19:00	0.00	\$0.00	12.00	\$628.33	\$628.33
130	E913491	01/20/2015	01/21/2015	22:00	06:00	8.00	\$298.71	0.00	\$0.00	\$298.71
130	E011982	01/20/2015	01/21/2015	22:00	06:00	8.00	\$243.74	0.00	\$0.00	\$243.74
130	E012554	01/20/2015	01/21/2015	22:00	06:00	8.00	\$249.84	0.00	\$0.00	\$249.84
130	E002361	01/20/2015	01/21/2015	22:00	06:00	8.00	\$269.88	0.00	\$0.00	\$269.88
140	E005274	01/20/2015	01/20/2015	14:00	22:00	8.00	\$283.42	0.00	\$0.00	\$283.42
150	E002361	01/21/2015	01/22/2015	22:00	06:00	8.00	\$269.88	0.00	\$0.00	\$269.88
150	E913491	01/21/2015	01/22/2015	22:00	06:00	8.00	\$298.71	0.00	\$0.00	\$298.71
150	E003345	01/21/2015	01/22/2015	22:00	06:00	8.00	\$286.20	0.00	\$0.00	\$286.20
150	E011982	01/21/2015	01/22/2015	22:00	06:00	8.00	\$243.74	0.00	\$0.00	\$243.74
150	E011594	01/21/2015	01/22/2015	22:00	06:00	8.00	\$249.84	0.00	\$0.00	\$249.84
160	E011594	01/22/2015	01/23/2015	22:00	06:00	8.00	\$249.84	0.00	\$0.00	\$249.84
160	E003345	01/22/2015	01/23/2015	22:00	06:00	8.00	\$286.20	0.00	\$0.00	\$286.20
160	E011982	01/22/2015	01/23/2015	22:00	06:00	8.00	\$243.74	0.00	\$0.00	\$243.74
160	E012554	01/22/2015	01/23/2015	22:00	06:00	8.00	\$249.84	0.00	\$0.00	\$249.84
160	E913491	01/22/2015	01/23/2015	22:00	06:00	8.00	\$298.71	0.00	\$0.00	\$298.71
160	E002361	01/22/2015	01/23/2015	22:00	06:00	8.00	\$269.88	0.00	\$0.00	\$269.88
170	E002683	02/07/2015	02/07/2015	06:00	18:00	0.00	\$0.00	12.00	\$672.09	\$672.09
170	E206813	02/07/2015	02/07/2015	06:00	18:00	0.00	\$0.00	12.00	\$672.09	\$672.09
170	E012081	02/07/2015	02/07/2015	06:00	18:00	0.00	\$0.00	12.00	\$562.13	\$562.13
170	E013316	02/07/2015	02/07/2015	06:00	18:00	0.00	\$0.00	12.00	\$548.42	\$548.42
170	E524959	02/07/2015	02/07/2015	06:00	18:00	0.00	\$0.00	12.00	\$615.75	\$615.75
175	E005393	02/28/2015	03/01/2015	22:00	24:00	0.00	\$0.00	2.00	\$77.37	\$77.37
175	E014648	02/28/2015	03/01/2015	22:00	06:00	8.00	\$243.74	0.00	\$0.00	\$243.74
175	E016294	02/24/2015	02/25/2015	22:00	04:00	0.00	\$0.00	6.00	\$246.79	\$246.79
175	E016294	02/28/2015	03/01/2015	22:00	24:00	0.00	\$0.00	2.00	\$82.26	\$82.26



Washington Metropolitan Area Transit Authority

Maintenance and Material Management System

Work Order Details

11469307
Type: CM



Status: CLOSE
05/05/2015 07:44

Work Description: F2 071+00 - INVESTIGATE REPORT OF WATER SPOUTING OUT OF THE WALL & ONTO THE TRACK IN THE TUNNEL

Job Plan Description:

Actual Labor

Task ID	Labor	Start Date	End Date	Start Time	End Time	Regular Hours	Regular Line Cost	Premium Hours	Premium Line Cost	Total Line Cost
175	E005393	02/24/2015	02/25/2015	22:00	04:00	0.00	\$0.00	6.00	\$232.11	\$232.11
180	E016294	02/25/2015	02/26/2015	22:00	06:00	8.00	\$219.37	0.00	\$0.00	\$219.37
180	E012042	02/25/2015	02/26/2015	22:00	06:00	8.00	\$249.84	0.00	\$0.00	\$249.84
180	E014648	02/25/2015	02/26/2015	22:00	06:00	8.00	\$243.74	0.00	\$0.00	\$243.74
190	E012042	02/26/2015	02/27/2015	22:00	06:00	8.00	\$249.84	0.00	\$0.00	\$249.84
190	E014648	02/26/2015	02/27/2015	22:00	06:00	8.00	\$243.74	0.00	\$0.00	\$243.74
190	E016294	02/26/2015	02/27/2015	22:00	06:00	8.00	\$219.37	0.00	\$0.00	\$219.37
190	E005393	02/26/2015	02/27/2015	22:00	06:00	8.00	\$206.32	0.00	\$0.00	\$206.32
200	E016294	03/03/2015	03/04/2015	22:00	06:00	8.00	\$219.37	0.00	\$0.00	\$219.37
200	E014648	03/03/2015	03/04/2015	22:00	06:00	8.00	\$243.74	0.00	\$0.00	\$243.74
205	E016294	03/10/2015	03/11/2015	22:00	06:00	8.00	\$219.37	0.00	\$0.00	\$219.37
205	E014648	03/10/2015	03/11/2015	22:00	06:00	8.00	\$243.74	0.00	\$0.00	\$243.74
210	E005393	03/11/2015	03/12/2015	22:00	06:00	8.00	\$206.32	0.00	\$0.00	\$206.32
210	E014648	03/11/2015	03/12/2015	22:00	06:00	8.00	\$243.74	0.00	\$0.00	\$243.74
210	E016294	03/11/2015	03/12/2015	22:00	06:00	8.00	\$219.37	0.00	\$0.00	\$219.37
220	E016294	03/12/2015	03/13/2015	22:00	06:00	8.00	\$219.37	0.00	\$0.00	\$219.37
220	E014648	03/12/2015	03/13/2015	22:00	06:00	8.00	\$243.74	0.00	\$0.00	\$243.74
230	E016294	03/19/2015	03/20/2015	22:00	06:00	8.00	\$219.37	0.00	\$0.00	\$219.37
230	E014648	03/19/2015	03/20/2015	22:00	06:00	8.00	\$243.74	0.00	\$0.00	\$243.74
240	E016294	03/18/2015	03/19/2015	22:00	06:00	8.00	\$219.37	0.00	\$0.00	\$219.37



Washington Metropolitan Area Transit Authority

Maintenance and Material Management System

Work Order Details

11469307
Type: CM



Status: CLOSE
05/05/2015 07:44

Work Description: F2 071+00 - INVESTIGATE REPORT OF WATER SPOUTING OUT OF THE WALL & ONTO THE TRACK IN THE TUNNEL

Job Plan Description:

Actual Labor

Task ID	Labor	Start Date	End Date	Start Time	End Time	Regular Hours	Regular Line Cost	Premium Hours	Premium Line Cost	Total Line Cost
240	E014648	03/18/2015	03/19/2015	22:00	06:00	8.00	\$243.74	0.00	\$0.00	\$243.74
250	E005393	04/01/2015	04/02/2015	22:00	06:00	8.00	\$206.32	0.00	\$0.00	\$206.32
250	E014648	04/01/2015	04/02/2015	22:00	06:00	8.00	\$243.74	0.00	\$0.00	\$243.74
250	E016294	04/01/2015	04/02/2015	22:00	06:00	8.00	\$219.37	0.00	\$0.00	\$219.37
260	E014648	04/02/2015	04/03/2015	22:00	03:00	5.00	\$152.34	0.00	\$0.00	\$152.34
260	E016294	04/02/2015	04/03/2015	22:00	03:00	5.00	\$137.11	0.00	\$0.00	\$137.11
260	E005393	04/02/2015	04/03/2015	22:00	06:00	8.00	\$206.32	0.00	\$0.00	\$206.32
270	E005393	04/08/2015	04/09/2015	22:00	06:00	8.00	\$206.32	0.00	\$0.00	\$206.32
270	E014648	04/08/2015	04/09/2015	22:00	06:00	8.00	\$243.74	0.00	\$0.00	\$243.74
270	E016294	04/08/2015	04/09/2015	22:00	06:00	8.00	\$219.37	0.00	\$0.00	\$219.37
280	E005393	04/09/2015	04/10/2015	22:00	06:00	8.00	\$206.32	0.00	\$0.00	\$206.32
280	E016294	04/09/2015	04/10/2015	22:00	06:00	8.00	\$219.37	0.00	\$0.00	\$219.37
280	E015934	04/09/2015	04/10/2015	22:00	06:00	8.00	\$243.74	0.00	\$0.00	\$243.74
280	E014648	04/09/2015	04/10/2015	22:00	06:00	8.00	\$243.74	0.00	\$0.00	\$243.74
	E015032	01/14/2015	01/15/2015	07:00	24:00	5.00	\$204.89	12.00	\$737.61	\$942.51
	E011982	01/12/2015				3.00	\$91.40	0.00	\$0.00	\$91.40
	E011594	01/12/2015				3.00	\$93.69	0.00	\$0.00	\$93.69
	E913491	01/12/2015				3.00	\$112.01	0.00	\$0.00	\$112.01
	E002361	01/12/2015				3.00	\$101.20	0.00	\$0.00	\$101.20

Total Actual Labor: [REDACTED]

Failure Reporting

Cause	Remedy	Supervisor	Remark Date
Remarks:			

Wonum	Description	Asset	Failure Class	Problem Code	Start Marker	Start Offset	End Marker	End Offset
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