



RCA Name Near Miss - Asphalt Drop
 Report Number RCA 2012.314
 Report Date 3/2/2012
 RCA Owner Safety Manager

Root Cause Analysis Report

Problem Statement

Focal Point Near miss incident

When

Start Date	3/7/2012	End Date	3/7/2012
Start Time	9:00pm	End Time	9:00pm
Unique Timing	After partial bridge demolition		

Where

Location ABC bridge, Bothell, WA

Actual Impact

Safety	Near Miss due to falling object	Cost
Revenue		
Revenue		
Cost		

Actual Impact Total: \$0.00

Frequency 1 times overall

Frequency Notes N/A

Potential Impact

Safety	Serious injury/fatality
Revenue	Negative safety score could impact future bid qualifications
Revenue	Penalties for unsafe environment
Cost	Liability, property damage, medical

Solutions

ID	Label	Description		
3	Solution	Additional end of shift inspection from top side for all elevated road-decking demo jobs		
	Cause	Manlift inspection did not reveal the debris		
	Note	Cost is per day. This solution is intended for example purposes only.		
	Assigned	Chris Eckert	Criteria	Pass
	Due	3/12/2012	Status	Selected
	Term	Short	Cost	\$50.00
4	Solution	Equip crews with high powered lighting for inspections		
	Cause	Inadequate lighting?		
	Note	This solution is intended for example purposes only.		
	Assigned	Brian Hughes	Criteria	Pass
	Due	3/19/2012	Status	Selected
	Term	Short	Cost	\$1,000.00
5	Solution	Erect a protective tunnel for sidewalk and road on all bridge demo jobs		
	Cause	Large object fell		
	Note	This solution is intended for example purposes only.		
	Assigned	Choose	Criteria	Fail
	Due		Status	Identified
	Term	Choose	Cost	\$0.00
6	Solution	Install safety net at end of shift, under demo bridge to catch falling debris		
	Cause	Large object fell		
	Note	This solution is intended for example purposes only.		
	Assigned	Choose	Criteria	Pass
	Due		Status	Identified
	Term	Choose	Cost	\$0.00
7	Solution	Reroute vehicle and pedestrian traffic		
	Cause	Area access not restricted		
	Note	This solution is intended for example purposes only.		

Assigned	Choose	Criteria	Fail
Due		Status	Identified
Term	Choose	Cost	\$0.00

8	Solution	Install protective safety restraints over top of elevated roads to prevent asphalt movement after demo work		
	Cause	1800 lb asphalt chunk fell off of bridge		
	Note	This solution is intended for example purposes only.		
	Assigned	Cory Boisoineau	Criteria	Pass
	Due	3/23/2012	Status	Selected
	Term	Medium	Cost	\$5,000.00

9	Solution	Temporarily reroute large vehicles until demo work is complete		
	Cause	Traffic includes large vehicles		
	Note	This solution is intended for example purposes only.		
	Assigned	Choose	Criteria	Fail
	Due		Status	Identified
	Term	Choose	Cost	\$0.00

Team

ID	Label	Description	Label	Description
1	First Name	Cory	Last Name	Boisoneau
	Phone (1)		Phone (2)	
	Role	General Contractor	Group	
	Email	cory.boisoneau@sologic.com		
2	First Name	Brian	Last Name	Hughes
	Phone (1)		Phone (2)	
	Role	Demo subcontractor	Group	
	Email	brian.hughes@sologic.com		
3	First Name	Chris	Last Name	Eckert
	Phone (1)		Phone (2)	
	Role	Facilitator	Group	
	Email	chris.eckert@sologic.com		
4	First Name	John	Last Name	Thomas
	Phone (1)	1234567890	Phone (2)	
	Role	Job Safety Rep	Group	
	Email	john.thomas@safety.com		
5	First Name	Suzy	Last Name	Kramer
	Phone (1)	12221212112	Phone (2)	
	Role	DOT Rep	Group	
	Email	suzyk@dot.org		

Chart Type Legend

- ▶ Transitory
- Non-transitory
- ▶ Omission - Transitory
- Omission - Non-transitory
- ★ Focal Point
- ⦿ Solution Implemented

