

Asphalt chunk
elevated 50ft

Large object fell



Asphalt was part of elevated roadway

END

Terminated because:
Desired state

Vibration

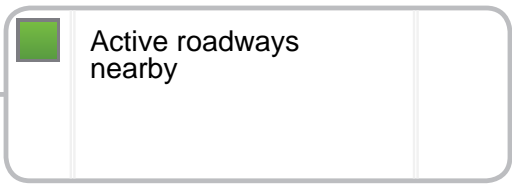
Vehicle traffic moving nearby

Traffic includes large vehicles

Large vehicles generate significant vibration

Asphalt chunk moved over the edge of bridge





END

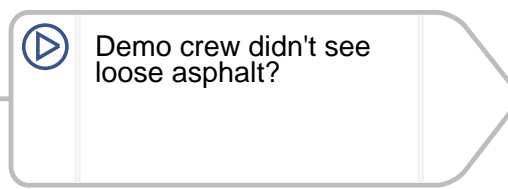
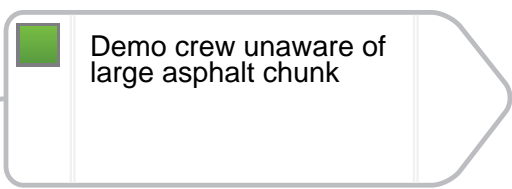
Terminated because:
Other causal paths more productive

END

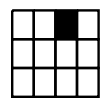
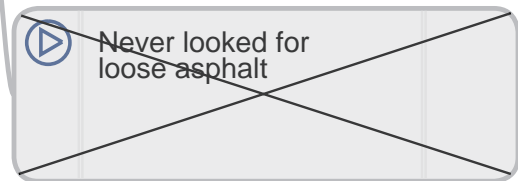
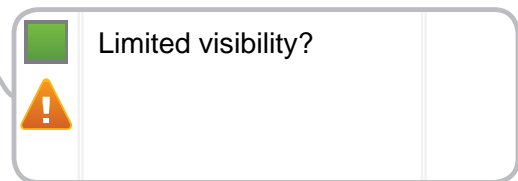
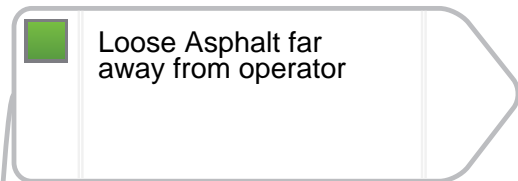
Terminated because:
Other causal paths more productive

END

Terminated because:
Other causal paths more productive

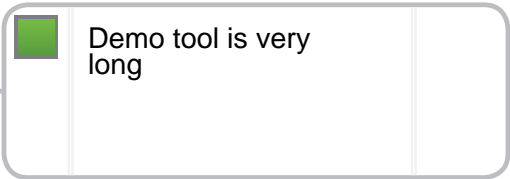


and/or

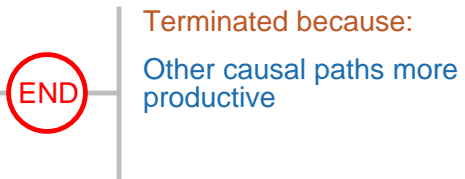




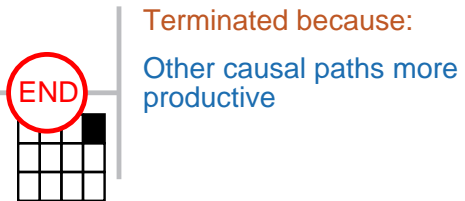
Terminated because:
Other causal paths more productive



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Terminated because:
Other causal paths more productive

★ Near miss incident

🎯 1800 lb asphalt chunk fell off of bridge



■ Gravity

END

Terminated because:
Other causal paths more productive

~~▶ Work crew accidentally pushed asphalt chunk over edge~~

END

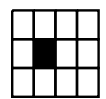
Terminated because:
Other causal paths more productive

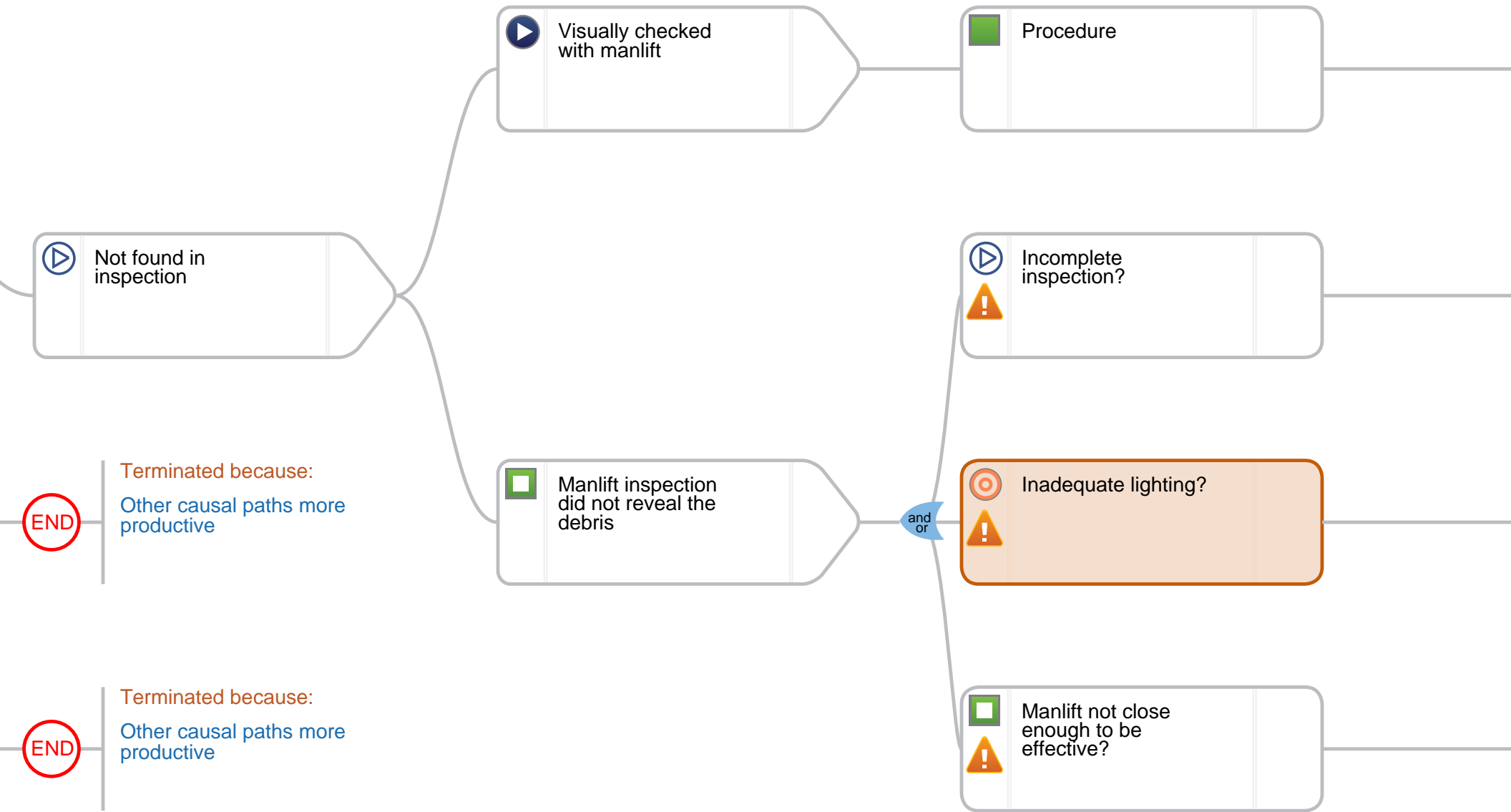
■ Asphalt chunk close to edge

▶ Large asphalt chunk not removed

■ Asphalt being removed was near open edge of bridge

■ Asphalt is on bridge





END

Terminated because:
Other causal paths more
productive

END

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Other causal paths more
productive

END

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END

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productive



Potential for people to be under falling object

and/or

General public has access to area

Construction crews working in area



1800 lb asphalt chunk existed

▶ Loosened by bridge demolition

▶ Bridge section being demolished

Located on public roadway

END

Terminated because:
Other causal paths more productive

Area access not restricted

OR

○ Not enough space to reroute
⚠

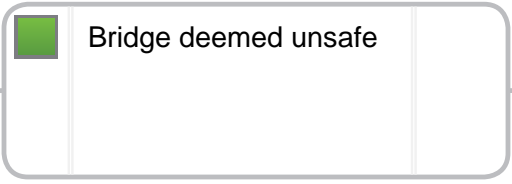
○ Not economical to reroute?
⚠

▶ Rebuilding bridge & roadway

END

Terminated because:
Desired state





END

Terminated because:
Other causal paths more productive



END

Terminated because:
Other causal paths more productive

