

SEALCOATING /CRACK REPAIR PARKING LOTS

 Brieser CONSTRUCTION	<h2>Job Safety Analysis</h2>
---	------------------------------

JSA Title : Paving with Hot Asphalt		Job/Work Task: Crack Repair & Sealcoating Parking Lots
JSA Control No: 2015-0001	Revision #: 1	Original Date: 7/31/15
Department: Civil Construction	Complex: Parking Lots/Roads	Last Approval Date:
Equipment Type: Road/parking area		Safety Director Reviewer/Approver:

Tools, Equipment, Interfaces, or Job Aids needed to perform this Job/Work Task	Upgraded PPE needed to address Potential Risks identified in this JSA
Paving equipment, Bobcat, Dump Truck, Shovel	

Reviewers

Reviewer Name	Position	Date Approved
Dave Ruzich	Safety Coordinator	7/31/15
Sean Erlenbeck	Director Safety & Health	7/31/15
Dale McWilliams	Contractor/Superintendent	

Development Team

Development Team Member Name	Primary Contact	Position
Dave Ruzich	X	Safety Coordinator
Sean Erlenbeck		Director Safety & Health
Aron Yakima		Project Manager

SEALCOATING /CRACK REPAIR PARKING LOTS

Dale McWilliams		Contractor Superintendent
-----------------	--	---------------------------

#	Job Steps <i>List key and critical job steps</i>	Potential Risks <i>Identify potential risks (safety, process safety, environmental, reliability, and business Inefficiencies).</i>	Critical Actions <i>Explain critical actions to prevent/ manage potential risks.</i>
1	Walk down job, sign permit, flag off work area	<p>1a. Slips and trips resulting in a lost time injury.</p> <p>1b. Workers not understanding permit could lead to performing wrong task resulting in rework or injury.</p> <p>1c. Non-workers entering area without permission during work activity could get hit by equipment or debris resulting in an injury.</p>	<p>1a. Housekeeping, avoid potholes, distractions, etc. Perform LPSA (Loss Prevention Self Assessment) aka: 2 minute drill</p> <p>1b. Use well lit area so workers can read and sign it</p> <p>1c. Use danger tape and clearly written tages-permission</p>
2	Clean surface/pavement using high powered blowers.		
2	Applying Sealcoating/Fill Cracked pavement	<p>2a. Workers burned by hot asphalt resulting in minor burns or a lost time injury.</p> <p>2b. Worker hit by equipment while its moving could result in minor injury or death.</p> <p>2c. Could back equipment into other moving equipment in area, causing property damage.</p>	<p>2a. Body positioning, be aware of other activities, wear proper PPE, and communication</p> <p>2b. Pat attention to spotter, check equipment before use, body positioning, avoid pinch points, be aware of other activities, communication with spotter. Workers to wear orange vests.</p> <p>2c. Operator will pay attention to spotter. The spotter will maintain good vision of surroundings while equipment is moving.</p>

SEALCOATING /CRACK REPAIR PARKING LOTS

3	Using shovels and hand tools	<p>3a. Potential for muscle or back strain resulting in lost time injury.</p> <p>3b. Workers burned by hot asphalt, resulting in minor burns or a lost time injury.</p> <p>3c. Workers could experience hearing loss while working around or with power tools.</p>	<p>3a. Maintain proper body positioning, breaks as necessary, proper use of tools. Get assistance for large chunks.</p> <p>3b. Body positioning, be aware of other activities, wear proper PPE, communication.</p> <p>3c. Use ear plugs and double hearing protection if required.</p>
4	Loading asphalt and debris into truck for out-haul	<p>4a. Could back into other moving equipment in area.</p> <p>4b. Workers in line of fire hit by debris resulting in a lost time injury.</p>	<p>4a. Operator will pay attention to spotter. The spotter will maintain good vision of surroundings while equipment is moving.</p> <p>4b. Body positioning, be aware of other activities, wear proper PPE, communication.</p>