# PAVING ROADS/PARKING LOTS WITH HOT ASHPHALT

## Job Safety Analysis

<table>
<thead>
<tr>
<th>JSA Title : Paving with Hot Asphalt</th>
<th>Job/Work Task: Crack Repair &amp; Sealcoating Parking Lots</th>
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<tbody>
<tr>
<td>JSA Control No: 2015-0001</td>
<td>Revision #: 1</td>
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<tr>
<td>Department: Civil Construction</td>
<td>Complex: Parking Lots/Roads</td>
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<tr>
<td>Equipment Type: Road/parking area</td>
<td>Last Approval Date:</td>
</tr>
<tr>
<td></td>
<td>Original Date: 7/31/15</td>
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<tr>
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<td>Last Approval Date:</td>
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### Tools, Equipment, Interfaces, or Job Aids needed to perform this Job/Work Task

- Paving equipment, Bobcat, Dump Truck, Shovel

### Upgraded PPE needed to address Potential Risks identified in this JSA

<table>
<thead>
<tr>
<th>Reviewers</th>
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<tbody>
<tr>
<td>Reviewer Name</td>
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<tr>
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</tr>
<tr>
<td>Dave Ruzich</td>
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<tr>
<td>Sean Erlenbeck</td>
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<td>Dale McWilliams</td>
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### Development Team

<table>
<thead>
<tr>
<th>Development Team Member Name</th>
<th>Primary Contact</th>
<th>Position</th>
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<tbody>
<tr>
<td>Dave Ruzich</td>
<td>X</td>
<td>Safety Coordinator</td>
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<tr>
<td>Sean Erlenbeck</td>
<td></td>
<td>Director Safety &amp; Health</td>
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<tr>
<td>Aron Yakima</td>
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<td>Project Manager</td>
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</tbody>
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# PAVING ROADS/PARKING LOTS WITH HOT ASHPHALT

<table>
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<th>#</th>
<th>Job Steps</th>
<th>Potential Risks</th>
<th>Critical Actions</th>
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</table>
| 1  | Walk down job, sign permit, flag off work area | 1a. Slips and trips resulting in a lost time injury.  
1b. Workers not understanding permit could lead to performing wrong task resulting in rework or injury.  
1c. Non-workers entering area without permission during work activity could get hit by equipment or debris resulting in an injury. | 1a. Housekeeping, avoid potholes, distractions, etc. Perform LPSA (Loss Prevention Self Assessment) aka: 2 minute drill  
1b. Use well lit area so workers can read and sign it  
1c. Use danger tape and clearly written tages-permission |
| 2  | Clean surface/pavement using high powered blowers. |  |  |
| 2  | Applying Sealcoating/Fill Cracked pavement | 2a. Workers burned by hot asphalt resulting in minor burns or a lost time injury.  
2b. Worker hit by equipment while its moving could result in minor injury or death.  
2c. Could back equipment into other moving equipment in area, causing property damage. | 2a. Body positioning, be aware of other activities, wear proper PPE, and communication  
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.  
2c. Operator will pay attention to spotter. The spotter will maintain good vision of surroundings while equipment is moving. |
# PAVING ROADS/PARKING LOTS WITH HOT ASHPHALT

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