

Job Hazard Analysis

(Always Wear Proper PPE)

Project:	Superintendent:
Task: Work In A Travel Way	Date:

Step	Potential Hazards	Safe Procedures/ Crew Responsibilities
Preparation		<ul style="list-style-type: none"> • Designate a Competent Person or persons • Review P3 (Preparation planning Procedures) and Hazard Analysis with crew* • Complete and review STA (Safety Task Assesment) daily
Determine traffic control requirements		<ul style="list-style-type: none"> • Assess traffic conditions • Review MUTCD (Manual of Uniform Traffic Control Devices) • Prepare Traffic Control Plan
Set up traffic control devices: 1) Signs first; then 2) Cones, barrels, barricades 3) Position flaggers	Personnel struck by traffic	<ul style="list-style-type: none"> • Use strobe lights or flashers • Wear new (or like-new condition) safety vests and hard hats • Work in teams - keep an eye on on-coming traffic • Be sure flaggers are positioned where they will be highly visible to traffic and have a good escape route • Use only certified trained flaggers
Perform work in roadway with traffic controls in place	Personnel struck by trucks or equipment	<ul style="list-style-type: none"> • Ensure back up & travel alarms are working and loud enough • Keep spectators out of the work area • All employees wear high-visibility vests at all times • Maintain eye contact with operators and drivers • Give machines and trucks the right of way
	Traffic vehicle veers into work area	<ul style="list-style-type: none"> • Use Jersey or vehicle barriers where feasible* • Shout warning to others

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Step	Potential Hazards	Safe Procedures/ Crew Responsibilities
Perform work in roadway with traffic controls in place continued	Hit by vehicle outside work area	<ul style="list-style-type: none"> • Position tools and supplies inside the work area – plan to stay in work area most of the time • Always be aware of traffic
	Equipment or excavated materials hits vehicle or pedestrian	<ul style="list-style-type: none"> • All personnel are always aware of vehicles and pedestrians • Make sure the delineated work area is large enough for equipment and excavation to stay inside the work space • Stop traffic when it is necessary to bring trucks or equipment into the work area
	Cave-ins due to vehicle vibrations	<ul style="list-style-type: none"> • Use trench shoring at 4’ or less if conditions warrant
	Impaired visibility due to dusty conditions	<ul style="list-style-type: none"> • Use water and calcium as needed to control dust in work area and haul roads
	Poor visibility due to line of sight or other blind spots	<ul style="list-style-type: none"> • Use trained flaggers, spotters, and radio communication as needed
	Impaired visibility during night work	<ul style="list-style-type: none"> • Use lighting plants to help with visibility at night time
	Remove traffic control devices	Hit by traffic
Other Steps (if any):	Other Hazards:	<p>Other Safe Procedures:</p> <p>* When jersey barriers are part of the traffic control system, refer to Jersey Barrier Installation Job Hazard Assessment</p>