ITD-2843 2-97 W

FALL PROTECTION PLAN

DATE	LOCATION (Bridge Key, Route and Milepost)	SUPERVISOR (Team Lead)

DESCRIPTION OF WORK

LEVEL 1 LEVEL 2 LEVEL 3 LEVEL 4 LEVEL 5

State Comm Notified of Inspection? YES NO
(Include Route, Milepost and Lane Closure Information)

Recognized Fall Hazards

- ☐ Ladders
- ☐ Forming
- ☐ Catwalks
- ☐ Sloped Access
- ☐ Work over Water
- ☐ Scaffold
- ☐ Pouring
- ☐ Welding at Height
- ☐ Set Girders
- ☐ Leading Edge
- ☐ Bridge Decks
- ☐ Excavations
- ☐ Drilling Shafts
- ☐ Connect Girders
- ☐ Perimeter Edge, Stairwell, Roof, Window Opening
- ☐ Work Decks
- ☐ Walkways / Ramps
- ☐ Stressing
- ☐ Tieback Strands

Personnel Hoisting

- ☐ Crane
- ☐ Boom Truck
- ☐ Forklift
- ☐ Other UBIT

Method of Protection

Circle one or both

Fall Restraint

Type of Harness: Rescue-style (dorsal, sternal and ventral attachments)
Type of Lanyard:
Anchorage: Approved by manufacturer or engineered
Control Zones / Warning Lines and Monitor: N/A
Guardrail ☐ Yes ☐ No
Nets ☐ Yes ☐ No
Other:

Fall Arrest

Type of Harness: Rescue-style (dorsal, sternal and ventral attachments)
Type of Lanyard:
Type of Life Line:
Anchorage: Approved by manufacturer or engineered
Deceleration Device ☐ Yes ☐ No
Other Type of Equipment Used:

Overhead Protection

(With Chin Strap) Hard Hats ☐
3 1/2-inch Toe Boards ☐
Warning Signs ☐
Debris Nets ☐
Other ☐ _____ Describe

Tool handling, Storage, and Securing

3 1/2-inch Toe Boards ☐
Debris Nets ☐
Tool Buckets ☐
Tool Belts ☐
Other ☐ _____ Describe

Procedure for Assembly, Maintenance, Inspection, and Disassembly of System

Assembly, disassembly, and maintenance of all equipment will be done according to manufacturer's recommended procedures. A visual inspection of all safety equipment will be done daily or before each use. Any defective equipment will be tagged and removed from service immediately.

A COPY OF THIS WORK PLAN MUST BE ON A JOB SITE

Emergency Action Plan

First Aid / CPR

NAMES OF TRAINED PERSONNEL ON SITE	

LOCATION OF FIRST-AID EQUIPMENT

Initiate Emergency Services (call or radio 911 if available) Primary contact is 911, secondary is state comm

State comm radio frequency:	State Comm phone: **1-888-575-2666**	Onsite radio frequency: **ITD-D9-MNTC-CC**

DESCRIBE PROCEDURE FOR REMOVAL OF INJURED EMPLOYEE (NOTE: no removal will be attempted without supervision of qualified emergency rescue personnel)

Crane ☐ Yes ☐ No _____ Location

Hoist ☐ Yes ☐ No _____ Location

Winch ☐ Yes ☐ No _____ Location

Block / Tackle ☐ Yes ☐ No _____ Location

Other (describe) ☐ Yes ☐ No

Refer to Safe Rescue Training and the Rescue Bag Contents document. Safe Rescue Bag to be carried in the UBIT bucket.

Communication Plan (Include method of communication, who will call State Comm, etc.):

Plan Reviewed at Job Site ☒ Yes ☐ No

Employee Signature (Print and Sign)	Employee Signature (Print and Sign)
Employee Signature (Print and Sign)	Employee Signature (Print and Sign)

This form to be filled out, reviewed and signed on-site. UBIT Equipment Specialist to file the signed form on the Y: drive.



Rescue bag containing all required rescue equipment.

-To be stored on the truck and placed in the working platform before deployment.

QTY: 1



Descender with carabiner attached (Located in front pocket of the rescue bag)

-Use for speed control while descending.

QTY: 1



Ascenders with carabiners and prusik attached. (Located in the front pocket o the rescue bag)

Used to ascend up a rope

(Orange used for hands,
Blue used for feet)

QTY: 1



Z-line with prusiks and carabiners (Located in the storage box on the UBIT)

Used for stabilization, transfer or evacuation of a suspended or incapacitated person during a rescue operation.

QTY: 1



Pulley kit with carabiners Located int eh main compartment of the rescue bag)

Used for mechanical advantage while moving heavy objects

QTY: 1



Pick-off strap with shears (Located in the front pocket of the rescue bag)

Used to securely connect a rescuer to a suspended worker.

QTY: 1



Anchor strap with D-rings (Located in the front pocket of the rescue bag)

Used to create a temporary anchor, a tie off point or a load transfer.

QTY: 1



Rescue poll (Will be located in the inspection platform when two or more people are present)

Used to safely reach and assist people in distress from a distance

QTY: 1

ITD-2842 2-99 W
(Cover Sheet)

Idaho Transportation Department

JOB SAFETY ANALYSIS

JSA Number NA

1. Job Operation

Bridge Inspection (Level 1-4)

2. Job Location

State/Local Bridge

3. Employee Classification

Inspector(s), UBIT operator

4. Physical Exam Required ☐ Yes ☒ No

Respirator Exam Required ☐ Yes ☒ No

5. Protective Apparel (X)

☒ hard hat	☒ safety glasses	☒ gloves	☐ coveralls
☐ face shield	☒ hearing protection	☐ chaps	☒ safety vest
☐ goggles	☒ lanyard/life line	☐ rubber apron	☐ foot protection
☐		☐	

6. Available Training Materials — Location of Materials

7. Equipment/Tools/Machinery Used

UBIT, Tools required for bridge inspection, Attenuator truck (if applicable)

8. Products/Chemicals Used — MSDS #

NA

9. Waste Generated — Quantity — Hazardous

NA		☐ Yes ☐ No
		☐ Yes ☐ No
		☐ Yes ☐ No
		☐ Yes ☐ No

10. Waste Disposal Method

NA

Prepared By: V. Babiychuk.

Reviewed By:

Employee Name — Signature

Employee Safety Coordinator — Distribution Date

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Sequence of Basic Job Steps	Potential Accidents or Hazards	Recommended Safe Job Procedure
Position equipment on site for bridge inspection ***All personnel on site must be properly trained, certified, and fit for the operation*** *** All injuries must be reported and documented***	Equipment failure Miscommunication Traffic Unaware/irresponsible drivers and pedestrians Weather Obstracted visibility	Complete required pre-start equipment inspection, and required maintenance. Plan ahead. Communicate with State Comm, traffic control and inspection team. Utilize barriers and warning devices if needed. Suspend all UBIT operations if winds exceed 30mph. Use a spotter.

Sequence of Basic Job Steps	Potential Accidents or Hazards	Recommended Safe Job Procedure
2. Bridge Inspection	Falling from heights Falling objects Equipment failure High winds Noise levels Working over water Extreme heat or cold Powerline clearance Pinch Points Moving/Rotating parts Sharp edges Working Surface (slips/trips/ falls)	Administer a Safety (tailgate) meeting to discuss potential hazards during the operation. Stay clear from moving traffic. All personnel on site must be properly trained, certified, and deemed fit for duty; Utilize appropriate PPE (Fall Arrest System and (or) PFD). Keep up with equipment maintenance, have certified operators. Stay alert and aware of changing conditions. Keep eyes on walking path. Suspend operation if deemed unsafe; Utilize "**Stop Work Authority**" when necessary. **Keep a clearance of at least 10ft from the power lines.** Stay hydrated. Dress accordingly for the current weather conditions. Refer to decals attached onto the UBIT for proper equipment positioning when working near power lines. Stay clear of moving/rotating parts of the UBIT. Proper traffic control measures; When applicable, utilize attenuator vehicle to insure protection from possibly being struck by a moving vehicle.

Sequence of Basic Job Steps	Potential Accidents or Hazards	Recommended Safe Job Procedure
3. Completion of inspection operation	Miscommunication Traffic Noise Pinch points Uneven walking surface Slip/Trip/Falls Falling from equipment deck/ladders. Low clearance/overhead hazard	Communicate with traffic control crew and inspection team. Stay alert and clear from moving traffic. Use proper PPE (hand/eye/hearing protection), Eyes on walking path. Use three points of contact while climbing on/ off equipment. Complete walk around check before moving vehicle. Use extra caution when merging into traffic. Ensure sufficient clearance overheard; watch your head.

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