

Note: When this report refers to the videos/DVDs being included in the state library, it is referring to the Labor and Industries Safety and Health Video Library.

Work Zone Flagger Safety Video
2008 XB 00096
3/27/09 – 9/15/09

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Evergreen Safety Council & Northwest Laborers-Employers Training Trust

12/2/09

Star Conrad, Director of Operations, Evergreen Safety Council



Washington State Department of
Labor & Industries
Division of Occupational Safety and Health

Funding and support for this project has been provided by the State of Washington, Department of Labor & Industries, Safety & Health Investment Projects.

Evergreen Safety Council is solely responsible for the content of and views expressed in this report and related materials unless they have been formally endorsed by the Washington State Department of Labor and Industries.

PART I

Final Report Narrative

Organization Profile

For awarded organizations, to include partners and collaborators, provide a brief description of each organization. Mission, vision, and purpose of the organizations may be valuable to include.

Evergreen Safety Council's mission is to prevent accidental deaths and injuries by being a resource for safety training, consulting and information for businesses and citizens of Washington State and the Greater Northwest. To support related programs and legislative action that would improve safety in the workplace, on the highway, at home, and at play.

Evergreen Safety Council is a private, non-profit, non-governmental organization located in Seattle, Washington but ESC has a dedicated contract instructor corps which allows us to train almost anywhere our clients and members need us.

Evergreen serves the businesses, governmental entities, and communities of the States of Washington, Oregon, Idaho and Alaska through the dissemination of safety and health information and the provision of safety and health training. We work very closely with Region X of the Federal Department of Labor/OSHA, whose service area is identical to that of the Safety Council as well as the National Highway Traffic Safety Administration's (NHTSA) Pacific Northwest Region. We also have a strong relationship with the staffs of Washington's Division of Occupational Safety & Health (DOSH) and Oregon's OR-OSHA as well as the Departments of Transportation in Washington, Oregon, and Idaho.

Evergreen Safety Council is a member of the **National Safety Council** and is a Founding Member of the **American Association of Safety Councils**.

Northwest Laborers-Employers Training Trust Fund mission is to provide state-of-the-art construction training to the men and women in our region. The northwest region is 14,000 Union Laborers strong.

Their instructors are dedicated to giving top-notch training in everything from General Construction to Concrete Placement to Hazardous Waste Removal and Asbestos Abatement. NWLETT trained more than 6,000 Union Laborers last year alone.

The apprenticeship program continues to attract men and women who are interested in a career as a Construction Craft Laborer with all the advantages of the Laborers' Union...good wages, great health and retirement benefits and lots of advancement opportunities.

Abstract	Present a short overview of the nature and scope of the project and major findings (less than half a page)
<p>More than 25,000 individuals are trained in Washington each year as flaggers. This project was designed to provide trainers a video/DVD that depicts Washington State rules and regulations regarding work zone safety. This video/DVD will reinforce proper safety procedures and set-up emphasizing flagger and other work zone workers safety on Washington roads. Trainers will integrate the new video/DVD into the existing training program to underscore the issue being discussed, which in turn will add the touch of realism that flagger students need to "drive home" the safe way to perform flagger responsibilities.</p> <p>After a review by several experienced instructors as well as the WSDOT Traffic Control Oversight Committee we found that this DVD has provided a better understanding of the Washington State flagger codes and rules.</p>	

Purpose of Project	Describe what the project was intended to accomplish.
<p>Since hands-on flagger training is often unavailable due to liability concerns, and even on-the-job training can pose a great risk for beginning flaggers; providing practical, real-life scenarios and visual cues prior to having a worker directing traffic is essential. Prior to this project, the only work zone videos in existence were non-Washington specific flagging activities. This project improved the existing training by producing a safety video that accurately depicts "real life" work zone/flagging scenarios.</p>	

Statement of the Results	Provide a clear statement of the results of the project include major findings and outcomes
<p>This project has provided a clearer understanding of Washington State flagging rules. It has also made available a media to show real life best practices in flagging. All instructors and subject matter experts who have viewed the video are concluding that this project has afforded students a better understanding of how to perform flagging duties.</p>	

Evidence of the results	Demonstrate evidence of how well the results met or fulfilled the intended objectives of the project.
<p>Review by subject matter experts (flagger instructors as well as DOT and L&I representatives) find that this project provides the first and best Washington State specific flagger training video.</p>	

Project's promotion of prevention	Explain how the results or outcomes of this project promote the prevention of workplace injuries, illnesses, and
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fatalities?

Instructors utilizing this video/DVD in their training creates a much safer work environment, reducing the number of injuries and deaths sustained by flaggers, other workers, and the traveling public by providing enhanced flagger instruction in how to safely perform flagging duties by providing visual instruction in proper procedures; creating a safer work zone thereby preventing fatalities and injuries.

Relevant processes

Specify all relevant processes, impact or other evaluation information which would be useful to others seeking to replicate, implement, or build on previous work.

Other organizations interested in implementing a similar project would want to insure they had access to high quality subject matter experts, developed a detailed story board, and secured the services of a professional production company familiar with this type of project.

Lessons Learned

Provide information on lessons learned through the implementation of your project. Include both positive and negative lessons. This may be helpful to other organizations interested in implementing a similar project.

Lessons outlined should not relate to SHIP grant processes.

Positives:

Experienced, knowledgeable and articulate subject matter experts who can work as a cohesive team and in a variety of mediums is a must in any project of this scope.

It is a must to have a good project manager on staff who can keep the individuals and pieces of the project organized and moving forward.

Working with a professional production company was invaluable to completing this project. Jones Advertising's knowledge and professionalism allowed this project to be completed within a very aggressively scheduled milestone timeline.

Negative:

Having multiple subject matter experts, even within a single discipline, created an interesting dynamic at times. Each had a unique way of interpreting certain flagger rules and individual presentation styles.

Road closure permitting processes, coordinating actors and the technicalities of voice over scripting could not have been handled by ESC or NWLETT. We were thankful for a professional team to take on these duties.

Measures to judge success

If relevant, state what measures or procedures were taken to judge whether/how well the objectives were met and whether the project or some other qualified outside specialist conducted an evaluation.

Not relevant to this project.

Uses

How might the products of your project be used within the target industry at the end of your project?

Is there potential for the products of the project to be used in other industries or with different target audiences?

ESC's 320 Washington flagger instructors will use the video/DVD as a training tool when training the over 25,000 flagger students who are certified through the program each year.

The Department of Labor & Industries received video/DVDs for inclusion in the state library and a full electronic copy which will be added to their website. Both of these sources will allow any interest citizen to review this informative work.

Flagger instructors in others states, Idaho and Oregon specifically so far, have expressed interest in reviewing the video for use in their flagger training programs.

Product Dissemination

Outline of how the products of the project have been shared or made transferrable.

The video/DVD was distributed to over 320 Washington flagger instructors. Twenty video/DVDs were provided to NWLETT for use in their training programs. Another five video/DVDs were provided to North Star Enterprises who volunteered equipment and personnel during the filming. In addition, the Department of Labor & Industries received 14 video/DVDs for inclusion in the state library and a full electronic copy which can be added to their website. The remaining copies will be distributed through ESC's Flagger Instructor training classes and as requested by other parties interested in work zone safety.

Feedback

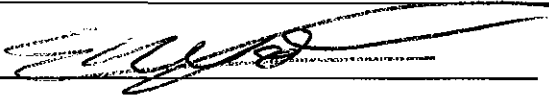
Provide feedback from relevant professionals, stakeholder groups, participants, and/or independent evaluator on the project.

"Just had the chance to view your new video. You did a really nice job...Thanks," Rich Bunker, Flagger Instructor

"This is a good well planned video. As an instructor I especially like the individual segments focusing on specific areas at a time. The review questions at the end of each segment really reinforce important information...I plan on using the video this Saturday, at a college flagging class, just before my traffic control plan design segment." Glen Puterbaugh, Flagger Instructor

"Work Zone Safety Depends on You, recently received Honorable Mention from the International MarCom Awards. We are so pleased with the quality and usefulness of this training video and are proud that it was recognized for these qualities. Our thanks to you, everyone at the Evergreen Safety Council and its partners for your assistance and guidance on this project. We hope we can continue to provide you and your partners with great communication tools. Thank you," Mark, David, Brandy and the entire Jones Advertising team

Signature



Date

12/4/09

PART II

SAFETY AND HEALTH INVESTMENT PROJECTS SHIP Final Expenditure Report Budget Summary

Project Title:	Work Zone Flagger Safety Video		
Project #:	2008 XB 00096	Report Date:	12/2/09
Contact Person:	Eric Tofte	Contact #:	206-382-4090
Start Date:	3/27/09	Project Completion Date:	6/15/09

1.	Total budget for the project		\$130,698
2.	Total SHIP Grant Award		\$120,698
3.	Total of SHIP Funds Used		\$120,698
4.	Budget Modifications (if applicable)		
5.	Total In-kind contributions		\$10,000
6.	Total Expenditures (Lines 3 + 4 + 5)		\$130,698

Instructions:

- Complete the Supplemental Schedule (Budget) form first (on the next page).
- The final report must include all expenditures from date of completion of interim report through termination date of grant
- Indicate period covered by report by specifying the inclusive dates
- Report and itemize all expenditures during specified reporting period per the attached supplemental schedules
- Forms must be signed by authorized persons (see last page)
- Forward one copy of the report to (Name), SHIP Project Manager, PO Box 44612, Olympia, WA 98504-4612.

SAFETY AND HEALTH INVESTMENT PROJECTS
SHIP Final Expenditure Report
Supplemental Schedules (Budget)

Project Title:	Work Zone Flagger Safety Video	Report Date:	12/2/09
Project #:	2008 XB 00096	Contact #:	206-382-4090
Contact Person:	Eric Tofte		
Total Award \$:	\$120,698.00		

ITEMIZED BUDGET -- How were SHIP award funds used to achieve the purpose or your project?

	Budgeted for Project	Amount Paid Out	Difference
A. PERSONNEL	\$28,194	\$28,194	\$0

Explanation for Difference and other relevant information:

	Budgeted for Project	Amount Paid Out	Difference
B. SUBCONTRACTOR	\$78,064	\$78,064	\$0

Explanation for Difference and other relevant information:

	Budgeted for Project	Amount Paid Out	Difference
C. TRAVEL	\$1,621	\$1,621	\$0

Explanation for Difference and other relevant information:

	Budgeted for Project	Amount Paid Out	Difference
D. SUPPLIES	\$1,846	\$1,846	\$0

Explanation for Difference and other relevant information:

	Budgeted for Project	Amount Paid Out	Difference
E. PUBLICATIONS	\$0	\$0	\$0

Explanation for Difference and other relevant information:

	Budgeted for Project	Amount Paid Out	Difference
TOTAL DIRECT COSTS	\$109,725	\$109,725	\$0

	Budgeted for Project	Amount Paid Out	Difference
INDIRECT COSTS	\$10,973	\$10,973	\$0

	Budgeted for Project	Amount Paid Out	Difference
TOTAL SHIP BUDGET	\$120,698	\$120,698	\$0

	Budgeted for Project	Amount Paid Out	Difference
F. IN-KIND	\$10,000	\$10,000	\$0

Explanation for Difference:

PART III

Attachments:

Provide resources such as written material, training packages, or video/audio tapes, curriculum information, etc produced under the grant.

Also include copies of publications, papers given at conferences, etc.

This information should also be provided on a **CD or DVD** for inclusion in the file.

Response:

In August, ESC provided the Department of Labor & Industries with 14 video/DVDs for inclusion in the state library and a full electronic copy which has been added to the website.

REMINDER!!: All products produced, whether by the grantee or a subcontractor to the grantee, as a result of a SHIP grant are in the public domain and can not be copyrighted, patented, claimed as trade secrets, or otherwise restricted in any way.