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ATSSA/FHWA
Work Zone
Safety Grant
focus
Spring 2008

ATSSA's Work Zone Safety Grant Newsletter

Cathi Witt: BIO



Ms. Witt originally started in the traffic safety industry with SAFE-T-FLARE Rental Services in KC, MO. responsibilities included installation, on site design, maintenance, and removal of traffic control devices in accordance with the Federal MUTCD.

After leaving SAFE-T-FLARE Rental Services, she went to the Traffic Engineering Division for the City of Overland Park, KS. Responsibilities included design, plan review, inspection, technical writing and the training of the street maintenance crews.

"I simply fell in love with training while at the City of Overland Park, KS. This is a very serious topic and one that is so important to peoples' safety", states Ms. Witt.

From the City of Overland Park, KS Ms. Witt left to become an instructor for American Traffic Safety Services Association (ATSSA). She is currently a Master Instructor for ATSSA training several thousand Designers, DOT personnel, City and other local gov't agency, and contractors nationwide every year.

TCT VIDEO TELECONFERENCE!

Under the grant, ATSSA presented one Traffic Control Technician (TCT) level training course via video teleconference in partnership with the ND LTAP. The video teleconference took place March 03, 2008 and 360 students were trained . The video teleconference was deemed a huge success!

NEW!!

Emergency Traffic Control for Emergency Responders-Grant course

was renamed to:

Incident Traffic Control for Responders-Grant

Because the course is directed to all responding incident management personnel, the name needed to reflect the audience. Below, please see the updated description of this course.

Incident Traffic Control for Responders- Grant Course Description

ATSSA's Incident Traffic Control for Responders course is aimed at traffic incident responders, such as police, fire rescue, emergency traffic patrols and tow-truck operators and other personnel responding to highway emergencies.

The 4-hour course presents a basic overview of temporary traffic control (TTC) standards and guidelines for incident responders. It provides essential information to make traffic incident areas safer for emergency management personnel, motorists, pedestrians and bicyclists.

Specifically, it discusses principles and concepts of temporary traffic control presented in the Manual on Uniform Traffic Control Devices (MUTCD) Section 6I, a Federal standard which now specifically addresses traffic incident management areas. The MUTCD divides traffic incidents into three general classes of duration, each with unique traffic control characteristics and needs. These classes are:

- A. Major – expected duration of more than 2 hours
- B. Intermediate – expected duration of 30 minutes to 2 hours; and
- C. Minor – expected duration under 30 minutes.

The course discusses the unique traffic control characteristics of each class and their traffic control needs to meet

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Work Zone Safety Grant Information



OBJECTIVES

The objective of the Work Zone Safety Grant Program is to develop guidelines and provide training to improve highway work zone safety.

STATEMENT OF WORK

ATSSA shall perform tasks within the following work areas: Highway Work Zone Worker Safety Training; Highway Work Zone Safety Guidelines Development; and Highway Work Zone Safety Guidelines Training.

Grant Course

Continued from page 1

the MUTCD guidelines. Also discussed are basic principles of temporary traffic control applicable in traffic incident management areas and their component parts, such as advance warning areas, tapers and buffers. Device requirements are also discussed and a typical ETC equipment kit is recommended. Emergency flagging operations and National Fire Protection Association (NFPA) standards are also discussed.

This course is a must for all first responders. ATSSA is a charter organization with the **National Traffic Incident Management Coalition (NTIMC)**.

Course Outline

1. Introduction
 - Definitions
 - Typical responsibilities
2. Standards and Guidelines
 - MUTCD
 - MUTCD Section 6I
 - NFPA 1500/1561
3. The basics of "major" incidents
 - Component Parts of a Temporary Traffic Control Zone
 - Concepts and terminology
 - Device requirements
 - Recommended ETC equipment kit
4. "Intermediate" and "minor" incidents
 - MUTCD guidelines
 - Guidelines for the use of emergency vehicle lighting
 - Safe-positioning of vehicles
5. Emergency Flagging Operations
 - Flagger qualifications
 - Emergency flagging procedures
 - Flagging equipment
6. Typical Applications
 - Examples of the application of ITC guidelines

REGISTRATION FEE

Free- Federal Employees
\$25.00 Public Officials
\$50.00 Other



AREA 1: Highway Work Zone Worker Safety Training

The FHWA Work Zone Safety Grant is providing many people across the nation with the opportunity to take high quality ATSSA training at reduced rates. To date, the following courses have been held:

- What Everyone Should Know About Temporary Traffic Control Training – 26 courses held with 513 students trained
- Traffic Control Technician – 43 courses held with 1,426 students trained
- Traffic Control Supervisor – 43 courses held with 1,183 students trained
- Flagger Instructor Training – 20 courses held with 202 students trained
- Florida Advanced Training – 3 courses held with 108 students trained
- Florida Intermediate Training – 2 courses held with 32 students trained
- Incident Traffic Control for Responders – 1 course held with 18 students
- Nighttime Traffic Control for Work Zones – 11 courses held with 193 students
- Utility Training for Tree Care – 1 course held with 18 students
- Traffic Control Technician Video Teleconference – 1 video teleconference held with 360 students trained

You can visit www.atssa.com for a course schedule through September 2008.

The ATSSA staff will be working on the October 2008 through September 2009 training schedule in the next few months. If you have suggestions for dates and locations or if you can offer a training facility, please contact Tammy Loving at tammyl@atssa.com.

John Jay Jordan: BIO

College: University of Maine

Career: FHWA – 25 years

Training – 25 years

ATSSA – 20+ years



Other training for university of Kansas and University of Missouri.

Jay likes to dabble in real estate development. He has served at the University of Missouri as an Adjunct Professor.

Personal: wife – Carolyn. 5 kids and stepkids and 7 grandkids.

Jay likes to travel, play golf and cook.

Jay says he loves to train people in the construction industry because they are such an interesting group and because “maybe I can do something to improve their safety.”

“ATSSA helps me realize that our work is important. I also like the scheduling since it allows me lots of time in the summer to play golf.”

- Checklist and Supporting Materials on Consideration of Pedestrians in Work Zones
- Fact Sheet on Guidelines for Maintaining Sidewalks within Work Zones
- Fact Sheet on Safety Performance Measures and Appropriate Data Collection Techniques
- Fact Sheet on Guidelines for Analysis of Operational Strategies that can Reduce Back of Queue Safety Hazards
- Brochure on Highlights of Impacts Assessment Guide Section 2.3
- Pocket Guide on Proper Installation and Removal of Temporary Traffic Control Devices
- Brochure on Typical Applications for Maintenance Operations
- Pocket Guide on Typical Applications for Maintenance Operations.



AREA 3: Highway Work Zone Safety Guidelines Training

Course Descriptions

Traffic Control Design Specialist – 2 day course * *This is an ATSSA Copyrighted course

This course is for individuals charged with the evaluation, development and implementation of a traffic control plan (TCP). The intended audiences are engineers and/or anyone responsible for designing a TCP. Previous work zone experience is not required. Topics include introduction to work zone safety, applicable standards and guidelines, fundamental principles of temporary traffic control, human factors, the component parts of a traffic control zone, traffic control devices, constructability, and development of a transportation management plan (TMP). Students will breakout into small groups for hands-on exercises. A certification program is available for this course.

For those individuals, who are already TCS certified, a one-day TCDS course is available.*

***This is an ATSSA Copyrighted course.**

All materials for both of these courses will be finalized June 2008.

Urban Work Zone Design – 2 day course*

*This is an ATSSA Copyrighted Course

This course addresses “urban” work zones, particularly the enhancements and considerations (“substantive safety”) necessary to address work zones in urban environments. These environments may involve restricted spaces, lack of space for buffer spaces, parking issues, limited sight distance, business access and pedestrians and bicyclist considerations, etc. The course will address instances when standards cannot be met and how to address these situations. Freeways will not be covered in this course. This course is intended for work zone designers and traffic control supervisors who may work in urban environments.



AREA 2: The Highway Work Zone Safety Guidelines Development

The ATSSA Area 2 Team has been busy drafting and revising work zone safety guideline products. We have drafted all 13 products that we will be producing under Area 2, and these products are in various stages of review and revision. We sincerely thank all of the ATSSA Team, FHWA, and Practitioner Working Group personnel who are committing their time to provide valuable review and insight for these products.

As the products are completed and approved (spring, summer, and early fall of this year), we will be placing them on the ATSSA website (www.ATSSA.com) as well as the FHWA website and the Work Zone Clearinghouse. The 13 Area 2 products include:

- Guidelines for When to Use Positive Protection
- Shadow Vehicle Placement Guide
- Work Zone Positive Protection Toolbox - Formerly Toolbox for Other Intrusion Countermeasures
- Simple Field Guide on Selecting High Visibility Apparel
- Brochure on Decommissioning High Visibility Apparel

AREA 3: Highway Work Zone Safety Guidelines Training Continued from page 3

All materials for this course will be finalized July 2008.

Work Zone Strategies – 2 day course

This course will discuss non-typical strategies available to work zone designers. It will focus on strategies specifically designed to improve work zone safety and mobility, such as work zone full closures, variable speed limits, impact analysis, and enforcement. The FHWA Work Zone Safety and Mobility Final Rule will be discussed. The intended audiences are engineers and/or anyone responsible for planning and designing a traffic control plan (TCP). All materials for this course will be finalized July 2008.

Analytical Tools for Work Zone Planning – 1 to 1.5 day course depending on final course content and number of tools included

This course will focus on federal funded microcomputer tools available to assist in the planning and design of work zone layouts. For each tool, an overview will be given including its strengths and weaknesses so that participants assess the effectiveness of each tool. Real-time demonstrations will be conducted. This course is intended for

work zone planners and designers looking for effective ways to plan and design work zone layouts. All materials for this course will be finalized September 2008.

Maintenance and Short Duration Activities Course – 1 day course

This course covers typical applications that apply to short duration activities including utility operations, moving operations, and other short duration maintenance operations. Emphasis will be placed on the use of simplified procedures and worker protection. The intended audience for this course is anyone involved in short duration activities within the roadway's right-of-way. All materials for this course will be finalized September 2008.

Delivery of these courses will begin October 2008. ATSSA's training department will start the scheduling process in April. If you have suggestions for locations and dates or if you can provide a meeting facility, please forward that information to [Tammy Loving at tammyl@atssa.com](mailto:tammyl@atssa.com).

As we get the courses scheduled, we will post the schedule at www.atssa.com. Please check the website periodically. As soon as you see the course schedule, you can register for these courses.

June 01–September 30, 2008					
ATSSA FHWA GRANT SPONSORED COURSES					
Delivery of these courses is supported by the Federal Highway Administration under grant agreement No #DTPH61-G-00004.					
Course #	Course Name	Dates	Time	Last Registration Date	
LITTLE ROCK, AR					
Little Rock Wastewater Utility 5300 S. Shackelford Rd					
12939	Utility Traffic Control-Grant	06/02/08	8 a.m.-5 p.m.	05/02/08	
13990	Incident Traffic Control -Grant	09/12/08	8 a.m.-Noon	08/12/08	
13991	Law Enforcement Course-Grant	09/12/08	Noon - 5 p.m.	08/12/08	
FLAGSTAFF, AZ					
Holiday Inn, Flagstaff, 2320 E. Lucky Ln.					
12828	Traffic Control Technician-Grant	09/09/08	8 a.m.-5 p.m.	08/08/08	
12829	Traffic Control Supervisor-Grant	09/10-09/11/08	8 a.m.-5 p.m.	08/08/08	
PHOENIX, AZ					
Best Western Airport Inn, 2425 S 24th St.					
14114	Utility Traffic Control-Grant	07/29/08	8 a.m.-5 p.m.	06/29/08	
SACRAMENTO, CA					
Hilton Garden, 2540 Venture Oaks Way					
14028	Incident Traffic Control -Grant	08/11/08	8 a.m.-Noon	07/11/08	
14029	Law Enforcement Course-Grant	08/11/08	Noon - 5 p.m.	07/11/08	
COLORADO SPRINGS, CO					
Crowne Plaza, 2886 S. Circle Dr					
13194	Traffic Control Technician-Grant	06/03/08	8 a.m.-5 p.m.	04/02/08	
13195	Traffic Control Supervisor-Grant	06/04-06/05/08	8 a.m.-5 p.m.	04/02/08	
CLEARWATER, FL					
Suncoast Safety Council, 1145 Court St					
12923	Florida Intermediate-Grant	06/16-06/17/08	8 a.m.-5 p.m.	06/02/08	
12924	Florida Advanced-Grant	06/18-06/20/08	8 a.m.-5 p.m./8 a.m.- Noon	06/02/08	

ATSSA FHWA GRANT SPONSORED COURSES . . . Continued from page 4

Course #	Course Name	Dates	Time	Last Registration Date
KISSIMMEE, FL				
Ramada Plaza Hotel & Gateway, 7470 Highway 192 West 14155	Florida Intermediate-Grant	07/29-07/30/08	8 a.m.-5 p.m.	06/29/08
TALLAHASSEE, FL				
Wingate Inn, 2516 W Lakeshore Dr 13986	Incident Traffic Control -Grant	07/18/08	8 a.m.-Noon	06/18/08
TAMPA, FL				
P.R.E.P. 1209 Tech Blvd., Ste 102 12925	Florida Intermediate-Grant	09/08-09/09/08	8 a.m.-5 p.m.	08/25/08
12926	Florida Advanced-Grant	09/10-09/12/08	8 a.m.-5 p.m./8 a.m.- Noon	08/25/08
WEST PALM BEACH, FL				
Holiday Inn, 1301Belvedere Rd. 14141	Nighttime Traffic Control-Grant	09/23/08	8 a.m.-5 p.m.	08/23/08
ATLANTA, GA				
The Grenada Suite Hotel, 1302 West Peachtree St. 13915	Incident Traffic Control -Grant	06/23/08	8 a.m.-Noon	05/23/08
13916	Law Enforcement Course-Grant	06/23/08	Noon - 5 p.m.	05/23/08
ARLINGTON HEIGHTS, IL				
Doubletree, 75 West Algonquin Rd. 14179	Utility Traffic Control for Tree Care-Grant	09/18/08	8 a.m.-5 p.m.	08/18/08
14180	Incident Traffic Control -Grant	09/19/08	8 a.m.-Noon	08/19/08
14181	Law Enforcement Course-Grant	09/19/08	1 p.m.-5 p.m.	08/19/08
WORCESTER, MA				
Marriott, 503 Plantation St.. 13988	Incident Traffic Control -Grant	06/09/08	8 a.m.-Noon	07/09/08
13989	Law Enforcement Course-Grant	06/09/08	1 p.m.-5 p.m.	07/09/08
ROCKVILLE, MD				
Best Western-Washington Gateway, 1251 W Montgomery Ave. 13994	Incident Traffic Control -Grant	09/26/08	8 a.m.-Noon	08/26/08
13995	Law Enforcement Course-Grant	09/26/08	1 p.m.-5 p.m.	08/26/08
ROSEVILLE , MO				
Radisson Hotel Roseville, 2540 North Cleveland Ave. 13902	Incident Traffic Control -Grant	06/13/08	8 a.m.-Noon	05/13/08
13903	Law Enforcement Course-Grant	06/13/08	1 p.m.-5 p.m.	05/13/08
KANSAS CITY, MO				
Radisson, 11828 NW Plaza Cr. 13697	Utility Traffic Control-Grant	06/11/08	8a.m.-5 p.m.	05/11/08
13908	Incident Traffic Control -Grant	06/12/08	8a.m.-Noon	05/12/08
13909	Law Enforcement Course-Grant	06/12/08	1p.m.-5 p.m.	05/12/08
RALEIGH, NC				
Holiday Inn, NorthRaleigh, 2805 Highwoods Blvd. 13729	Utility Traffic Control-Grant	08/27/08	8a.m.-5 p.m.	07/27/08
13906	Incident Traffic Control -Grant	08/27/08	8a.m.-Noon	07/28/08
13907	Law Enforcement Course-Grant	08/27/08	1p.m.-5 p.m.	
EGG HARBOR TOWNSHIP, NJ				
Clarion Hotel and Convention Center, 6821 Black Horse Pike 13996	Incident Traffic Control -Grant	08/08/08	8 a.m.-Noon	07/08/08
13997	Law Enforcement Course-Grant	08/08/08	1 p.m.-5 p.m.	07/08/08
COLUMBUS, OH				
Best Western Columbus North, 888 E. Dublin Granville, Rd. 14136	Traffic Control Technician-Grant	08/11/08	8 a.m.-5 p.m.	07/11/08
14137	Traffic Control Supervisor-Grant	08/12-08/13/08	8 a.m.-5 p.m.	07/11/08
14138	Flagger Instructor Training-Grant	08/14-08/15/08	8 a.m.-5 p.m.	07/11/08
14063	Utility Traffic Control for Tree Care-Grant	09/09/08	8 a.m.-5 p.m.	08/09/08

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ATSSA FHWA GRANT SPONSORED COURSES . . . Continued from page 5

Course #	Course Name	Dates	Time	Last Registration Date
TULSA, OK				
Tulsa County Sheriffs Office, 303 W 1st.				
13218	Incident Traffic Control-Grant	07/21/08	8 a.m.-Noon	06/21/08
13220	Law Enforcement Course-Grant	07/21/08	1 p.m.-5 p.m.	06/21/08
PITTSBURGH, PA				
Holiday Inn Green Tree, 401 Holiday Dr.				
13982	Incident Traffic Control-Grant	07/25/08	8 a.m.-Noon	06/25/08
13983	Law Enforcement Course-Grant	07/25/08	1 p.m.-5 p.m.	06/25/08
STATE COLLEGE, PA				
Comfort Suites, 132 Village Dr.				
14045	Traffic Control Technician-Grant	09/10/08	8 a.m.-5 p.m.	08/10/08
COLUMBIA, SC				
Ramada Inn, 7510 Two Notch Rd.				
14045	Traffic Control Technician-Grant	09/22/09	8 a.m.-5 p.m.	08/22/08
14046	Traffic Control Supervisor-Grant	09/23-09/24/08	8 a.m.-5 p.m.	08/22/08
14047	Flagger Instructor Training-Grant	09/25-09/26/08	8 a.m.-5 p.m.	08/22/08
GREENVILLE, SC				
Crowne Plaza, 851 Congaree Rd				
13984	Incident Traffic Control-Grant	06/23/08	8a.m.-Noon	05/23/08
13985	Law Enforcement Course-Grant	06/23/08	1p.m.-5p.m.	05/23/08
MEMPHIS, TN				
Holiday Inn, Mt. Moriah, 2490 Mt. Moriah				
13992	Incident Traffic Control-Grant	08/27/08	8 a.m.-Noon	07/07/08
13993	Law Enforcement Course-Grant	08/27/08	1 p.m.-5 p.m.	07/07/08
12221	Traffic Control Technician-Grant	09/09/08	8 a.m.-5 p.m.	08/25/08
12222	Traffic Control Supervisor-Grant	09/10-09/11/08	8 a.m.-5 p.m.	08/25/08
NASHVILLE, TN				
Doubletree Guest Suites, 2424 Atrium Way				
13730	Nighttime Traffic Control-Grant	06/24/08	8 a.m.-5 p.m.	05/24/08
13711	Traffic Control Technician-Grant	07/07/08	8 a.m.-5 p.m.	06/07/08
13712	Traffic Control Supervisor-Grant	07/08-07/09/08	8 a.m.-5 p.m.	06/07/08
13713	Flagger Instructor Training-Grant	07/10-07/11/08	8 a.m.-5 p.m.	06/07/08
13713	Utility Traffic Control-Grant	08/07/08	8 a.m.-5 p.m.	07/07/08
DALLAS, TX				
Crowne Plaza Dallas Market Center, 7050 Stemmons Freeway				
14156	Nighttime Work Zones-Grant	09/18/08	8 a.m.-5 p.m.	08/18/08
SAN ANTONIO, TX				
La Quinta Inn & Suites, 303 Blum				
14033	Utility Traffic Control-Grant	06/30/08	8 a.m.-5 p.m.	05/30/08
RICHLAND, WA				
Hampton Inn Richland, 486 Bradley Blvd.				
14138	Traffic Control Supervisor-Grant Washington State Specific	06/24/08	8 a.m.-5 p.m.	06/10/08

Additional listings may have been added after this printing.

For complete course descriptions, pricing, certification requirements and the latest course schedule, please visit ATSSA's Roadway Safety Training Institute or call: 1-877-642-4637.

