Welcome!!
Traffic Control Supervisor
Training Course
Traffic Control Supervisor Training Course

- Two-day course
- Begins promptly at 8:00 AM
- Ends no later than 5:00 PM

Flexible schedule!!
Course Objectives

- Review concepts learned in TCT course
- Discuss additional standards and guidelines in the installation, maintenance and removal of traffic control devices
- Discuss the basic skills necessary to be an effective Traffic Control Supervisor
Course Objectives (cont.)

- Increase your ability to read, interpret and implement a Traffic Control Plan (TCP)
- Discuss the legal aspects of TTC and tips to minimize liability exposure
Course Materials

- Course notebook
- MUTCD (Parts 1, 5, 6)
- Quality Guidelines for Work Zone Traffic Control Devices
- Pencil
- Tent name sign

Yours to keep!
Course Notebook Content

- Title page
- ATSSA contact information
- Table of Contents
- Student Reference Guide
- Workshops
- Miscellaneous forms

Useful during the test!!
# Student Reference Guide

- 3-column table for each module

<table>
<thead>
<tr>
<th>LEFT</th>
<th>CENTER</th>
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<tbody>
<tr>
<td>Topic being discussed</td>
<td>Bulleted information</td>
<td>References to the MUTCD &amp; other sources of information</td>
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- Room for notes
# Course Schedule

<table>
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<th></th>
<th>Course Introduction</th>
<th>Standards and Guidelines</th>
<th>Traffic Control Devices</th>
<th>Human Factors</th>
<th>Component Parts of a TTC Zone</th>
<th>Plan Reading Concepts</th>
<th>Workshop 1: Plan Reading</th>
<th>The Typical Project</th>
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<td>Workshop 2: Lane Closures</td>
<td>Legal Aspects</td>
<td>Workshop 3: Enhancements</td>
<td>Night Work Considerations</td>
<td>Workshop 4: Six-lane Freeway</td>
<td>Flagging Operations</td>
<td>Workshop 5: Urban Streets</td>
<td>Supervisory Skills</td>
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### Course Schedule

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<th>Workshop 6: Problems/Solutions</th>
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<tr>
<td>Closing</td>
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<tr>
<td>Exam</td>
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<tr>
<td>Adjourn</td>
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</table>
Workshops

1. Plan Reading
2. Lane Closure at an Urban, Multi-Lane Roadway
3. Enhancements
4. Rural Six-Lane Interstate Freeway
5. Work on an Urban Multi-Access Roadway
6. Inspection of a Double Lane Closure on Rural Freeway

As time permits!
Exam

- 30 multiple choice questions
  - 2.5 points each = 75 points
  - Last 10 are Plan Reading questions

- 1 question similar to Workshop 6
  - 5 “problems” and “5 solutions”
  - 2.5 points each = 25 points

- 90 minutes to complete exam

- Passing grade = 80%
MODULE 1 - Introduction
Module Objectives

Discuss ATSSA’s TCS Certification Program
Discuss typical responsibilities of a Traffic Control Supervisor
"To Supervise"

- "To have the **direction and oversight** of the performance of others"
- "To watch over"
Responsibilities of a Traffic Control Supervisor

- Know/apply applicable TTC standards and guidelines
- Interpret and implement TCP in the field
- Field inspections
- Meet the requirements of the contract
- Supervise traffic control personnel

Lead by example!
MODULE 2 - Standards and Guidelines
National Standards and Guidelines

- Primary source is the Manual on Uniform Traffic Control Devices

MUTCD is a "Federal" document
MODULE 3 - Traffic Control Devices
Module Objectives

- Briefly review TCDs discussed in the TCT course and relate them to the MUTCD
- Discuss additional devices
- Discuss crash-testing requirements
Devices Discussed in TCT Course

- Signs
- Channelizing devices
- Arrow panels
- Warning lights
- Pavement markings
Additional Devices to be Reviewed

1. Portable Changeable Message Signs (PCMS)
2. Temporary traffic barriers
3. Crash cushions
4. Rumble strips
5. Glare screens
Clear Zone

Edge of travel lane

Clear Zone

Requirements vary by State!

ATSSA
SAFER ROADS SAVE LIVES

0-23
MODULE 4 - Human Factors
Module Objectives

- Discuss how human factors impact TTC design
- Discuss design keys
- Discuss the “Design Driver” concept
Factors Affecting Crashes

VEHICLE

HIGHWAY

DRIVER

>85%
MODULE 5 - Component Parts of a TTC Zone
Module Objectives

- Review the 4 component parts of a TTCZ discussed in TCT course
- Review tapers
- Discuss multiple tapers
- Review device spacing
What is the 85th Percentile Speed?

The speed at which at least 85 percent of the traffic is traveling, or below.

- Can be computed graphically.
- Often 8-10 mph above the posted speed.

85th what?
MODULE 6 - Plan Reading Concepts
Module Objectives

- Define a traffic control plan
- Discuss key plan-reading concepts
Legend and North Arrow

**Legend**

- Arrow Panel
- Arrow Panel Support
- Channelizing Device
- Direction of Traffic
- Sign (Shown Facing Left)
- Work Space
- Work Vehicle
- Flagger Station

*All signs are 48"x48" unless otherwise indicated.*

**North**

*Scale=100'*

**Typical Section**

- Shoulder: 3'
- Lane 1: 12'
- Lane 2: 12'
- Lane 3: 12'
- Lane 4: 12'

*Shoulder is 3' wide across bridge*
-MODULE 7-
The Typical Project
Module Objectives

- Discuss the typical steps associated with TTC projects
- Discuss “duration”
- Discuss inspection of TTC zones
- Discuss the importance of documentation
Typical Project Steps

1. Planning
2. Design
3. Pre-construction activities
4. Installation
5. Activities during construction
6. Removal
7. Evaluation
-MODULE 8-
Legal Aspects of Temporary Traffic Control
Module Objectives

- Discuss legal aspects of TTC
- Define litigation
- Define legal terms
- Explain the civil lawsuit process
- Provide tips to minimize liability exposure
What is Litigation?

A procedure for the settlement of civil claims, generally involving two or more parties.
Tips to Minimize Liability

- Avoid the problem in the first place
- Recognize & address problems immediately
- Have a TCP
- Follow standards, guidelines and specifications
Module 9 - Night Work Considerations
Module Objectives

- Discuss factors that influence the design and operation of nighttime work zones
- Discuss work zone lighting requirements
- Discuss nighttime “Typicals”
Controlling Glare

Tower-mounted luminaires should be aimed either parallel or perpendicular to the roadway.
MODULE 10 - Flagging Operations
Module Objectives

- Discuss
  - MUTCD flagger qualifications
  - Flagging equipment and procedures
  - Typical flagging operations
  - Other flagging considerations
STOP/SLOW Paddle

- 18 x 18 inches MIN!
- Better if larger
- 6-inch letters
- Rigid handle
- At least 5 ft. high

6E-1
Class 2 Apparel

- Required for daytime flagging operations
- Required for all workers working within the right-of-way

Required for daytime flagging!
MODULE 11-
Supervisory Skills
Module Objectives

- Discuss supervisory skills
- Communication
- Problem solving
- Partnering
- Others
- Discuss the ATSSA TCS Code of Ethics
Supervising Teammates

- Think as a team
- Encourage and value all input
- Be a good listener
- Document everything
- Lead by example!!