Welcome!!

Traffic Control Supervisor

Training Course

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Traffic Control Supervisor Training Course

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

Flexible schedule!!

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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

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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

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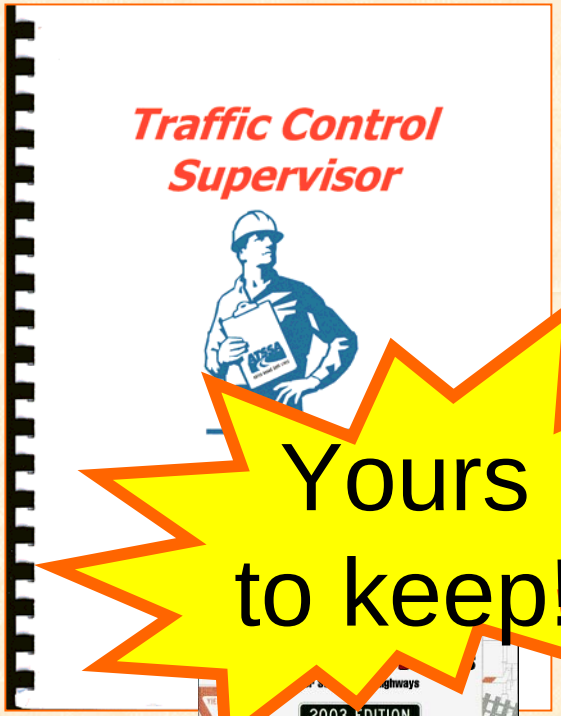
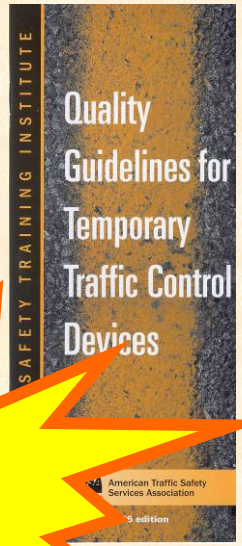
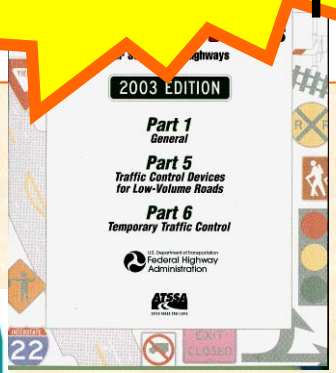
Course Materials





Yours to keep!



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

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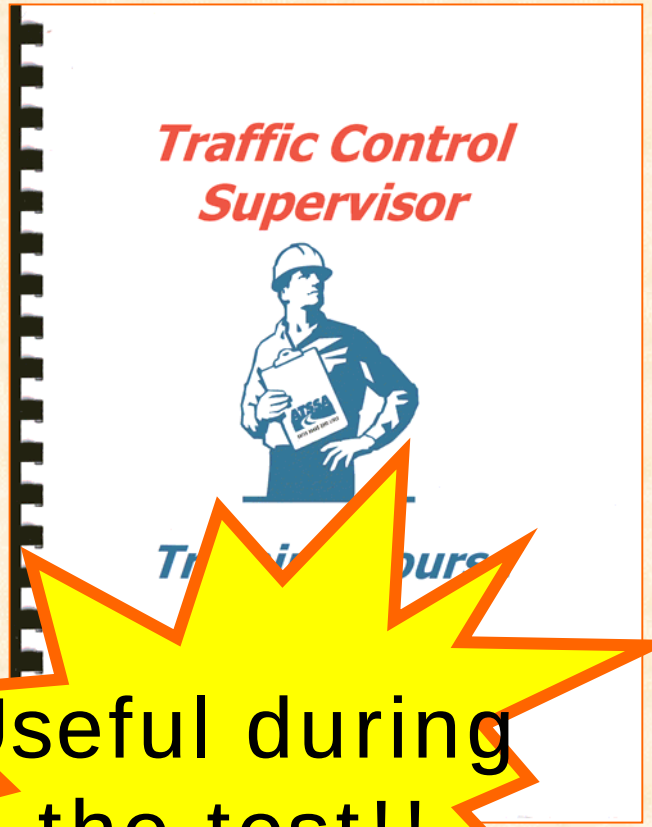
Course Notebook Content

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



Useful during the test!!

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Student Reference Guide

- 3-column table for each module

LEFT	CENTER	RIGHT
Topic being discussed	Bulleted information	References to the MUTCD & other sources of information

- Room for notes

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Course Schedule

1	Course Introduction
2	Standards and Guidelines
3	Traffic Control Devices
4	Human Factors
5	Component Parts of a TTC Zone
6	Plan Reading Concepts
	Workshop 1: Plan Reading
7	The Typical Project

Course Schedule

	Workshop 2: Lane Closures
8	Legal Aspects
	Workshop 3: Enhancements
9	Night Work Considerations
	Workshop 4: Six-lane Freeway
10	Flagging Operations
	Workshop 5: Urban Streets
11	Supervisory Skills

Course Schedule

	Workshop 6: Problems/Solutions
	Closing
	Exam
	Adjourn

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Workshops

As time permits!

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

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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"**

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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!

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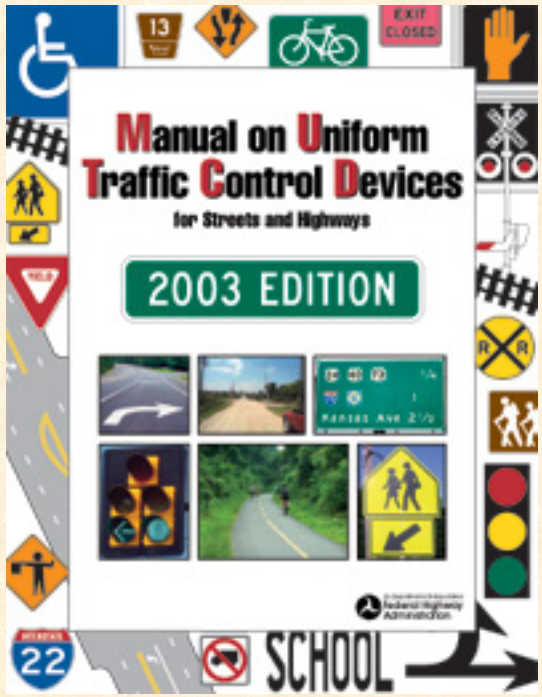
-MODULE 2-
Standards and Guidelines

National Standards and Guidelines

- Primary source is the ***Manual on Uniform Traffic Control Devices***



MUTCD is a "Federal" document

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-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

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Devices Discussed in TCT Course

- Signs
- Channelizing devices
- Arrow panels
- Warning lights
- Pavement markings

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Additional Devices to be Reviewed

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

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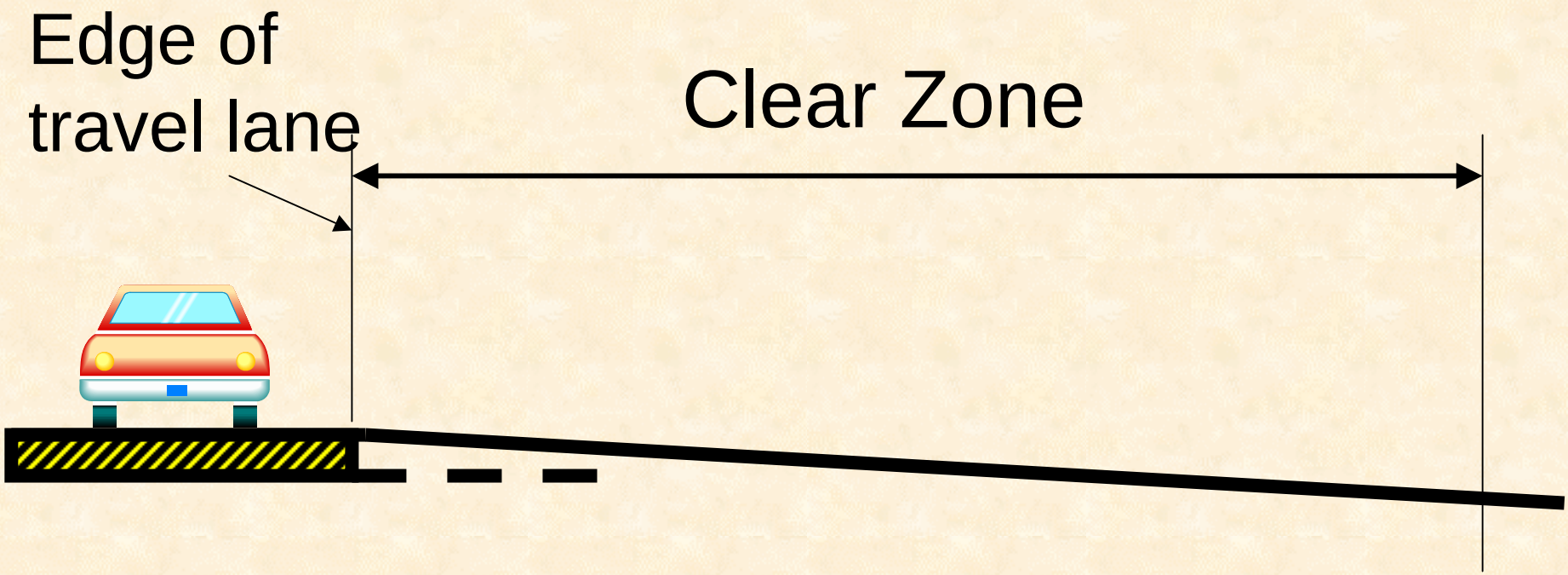
Clear Zone



Requirements vary by State!

-MODULE 4-
Human Factors

Module Objectives

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

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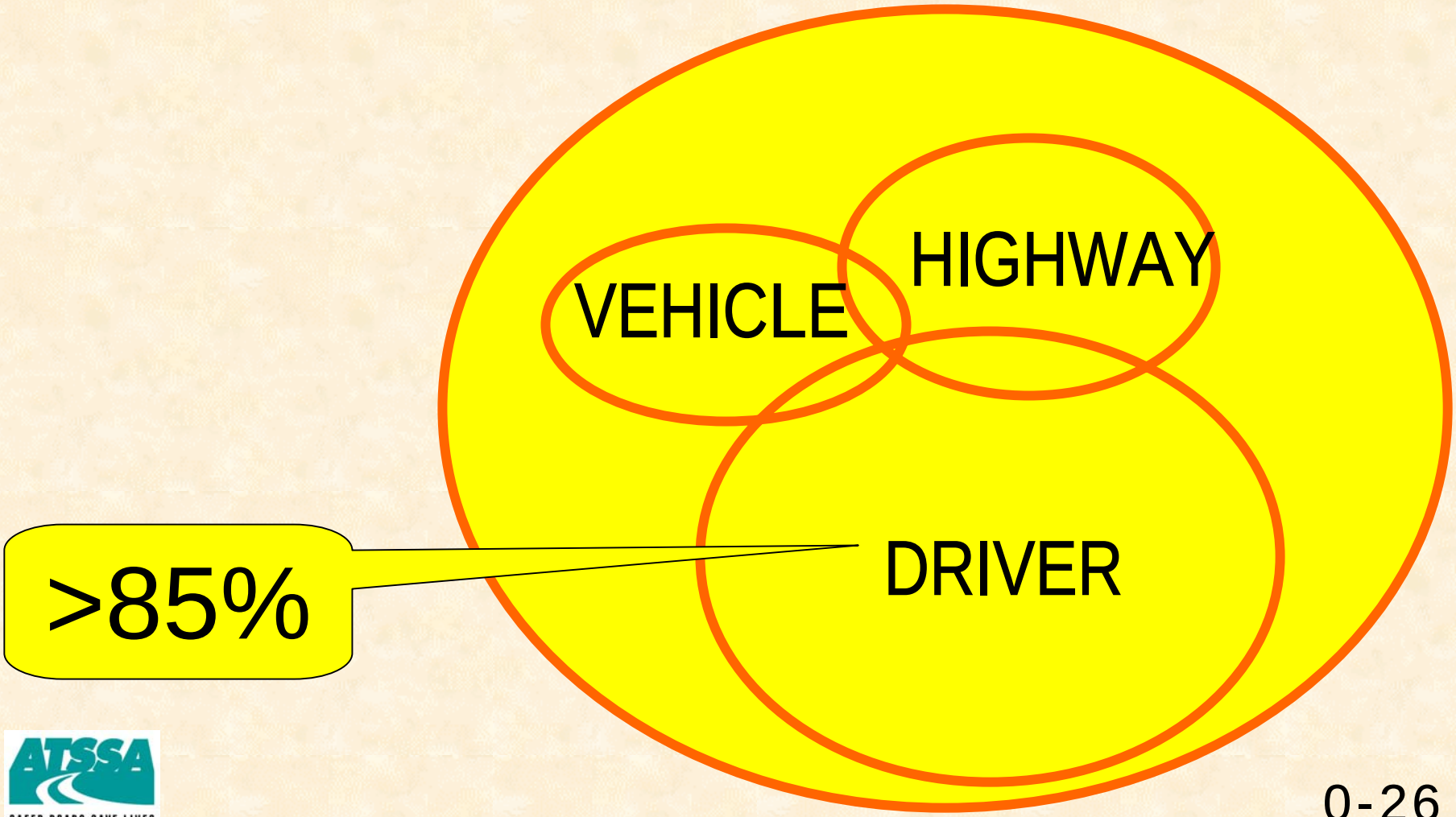
Factors Affecting Crashes



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-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

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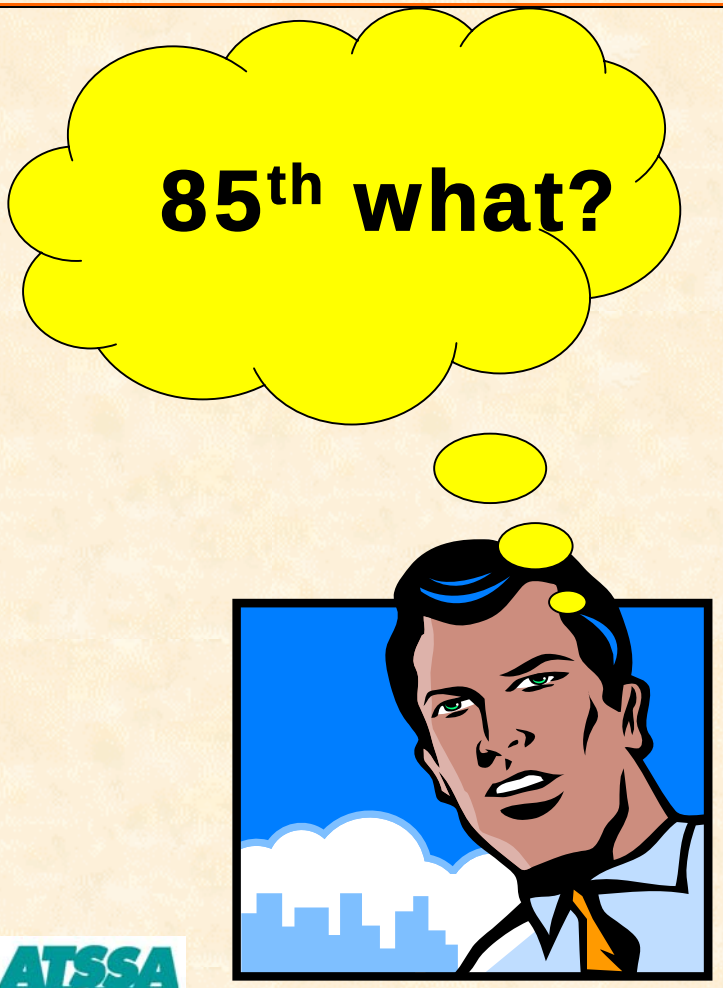
What is the 85th Percentile Speed?



- 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

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-MODULE 6-
Plan Reading Concepts

Module Objectives

- Define a traffic control plan
- Discuss key plan-reading concepts

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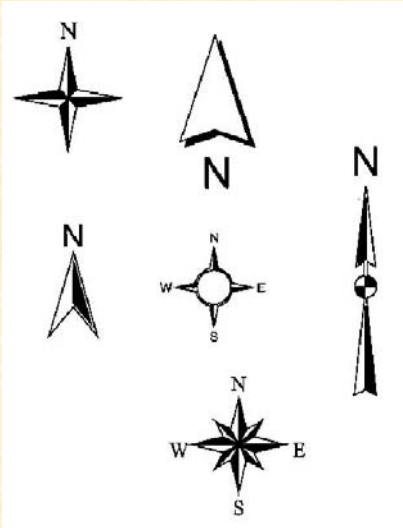
Legend and North Arrow



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 IS 3' WIDE ACROSS BRIDGE

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-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

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Typical Project Steps

1. Planning
2. Design
3. Pre-construction activities
4. Installation
5. Activities during construction
6. Removal
7. Evaluation

TCS Role

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-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

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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

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-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”

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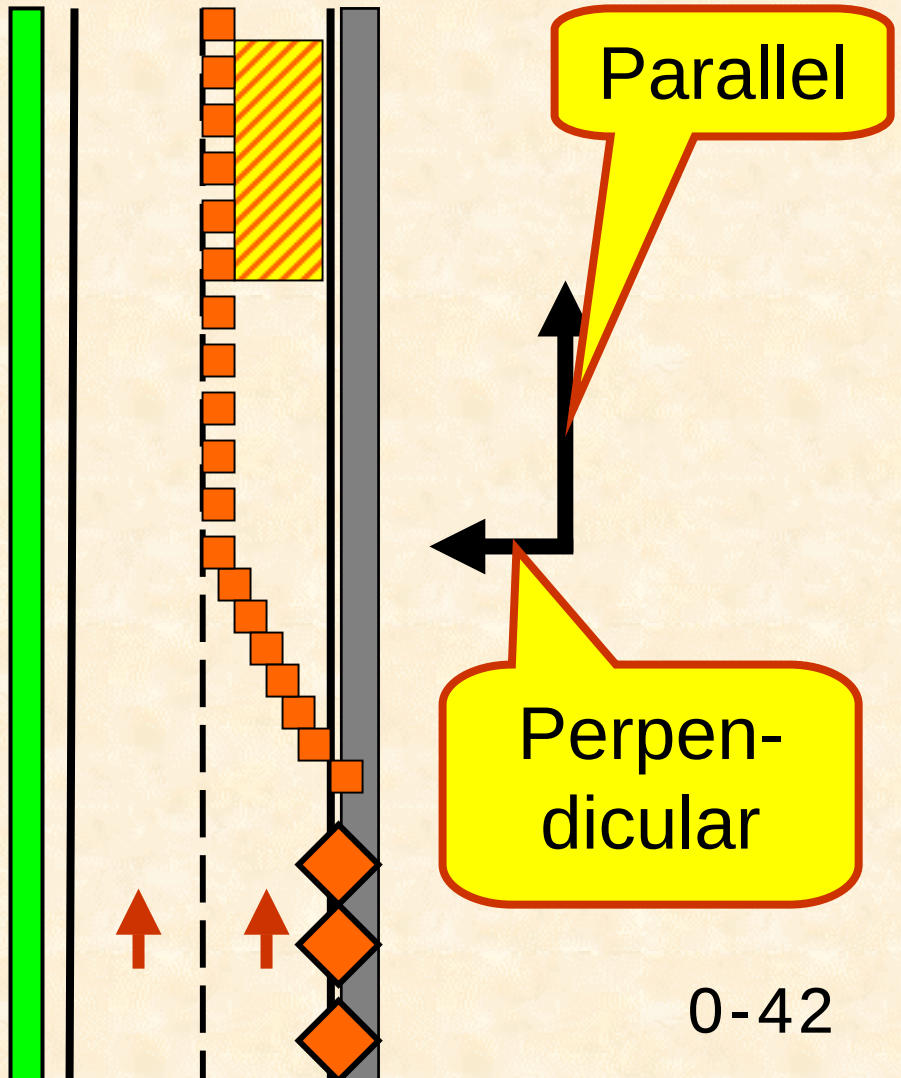
Controlling Glare

- 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

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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!

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-MODULE 11-
Supervisory Skills

Module Objectives

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

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Supervising Teammates

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

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