pennsylvania

# INTRODUCTION TO TRAFFIC ENGINEERING STUDIES TRAINING COURSE

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### TRAFFIC TRAINING PROGRAM

#### Mission:

To ensure that appropriate traffic-related training programs are provided for employees and other stakeholders to possess the technical knowledge and skills necessary to perform and understand their assigned highway safety and traffic operations tasks, today and in the future.



# **TRAFFIC TRAINING SUBCOMMITTEES**

Traffic Engineering & Studies Signing & Pavement Markings

Highway Occupancy Permits

Heavy Hauling Permits

TSMO Planning and Design

Traffic Signals and ITS

Systems Engineering

Highway Safety

Traffic Management Centers

Temp. Traffic Control

### **TRAFFIC TRAINING COURSES**

Content Revisited Annually by Committees

Virtual and In-Person Format

Consultant and PennDOT-Led Instruction

Attendees from 11 Engineering Districts, Central Office and consultant partners (select courses)

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### **COURSE OUTLINE**

#### **Day One**

- Part 1: Course Introduction
- Part 2: Manuals and References
- Part 3: Basic Concepts
- Part 4: Methods
- Part 5: Applications
- Workshop #1: Sight-Distance
- Workshop #2: Intersection Safety

#### **Day Two**

- Part 6: Overview of Traffic Engineering Studies
- Workshop #3: Speed Restrictions
- Workshop #4: Midblock Crossings
- Workshop #5: Curve Advisory Study







# STUDY REQUIREMENTS

Title 67, Chapter 212 § 212.4

- Police Officers
- Roadmasters
- Maintenance Supervisors
- Traffic Technicians





### TE Forms

#### **Traffic Engineering Studies Covered:**

- 1. **TE-100:** Stopping, Standing, or Parking Restriction
- 2. TE-101: Speed Restrictions
- 3. TE-102: Multiway Stop Control at Intersections
- 4. TE-103: No Passing Zone
- 5. TE-104: Engine Retarder Restriction
- 6. TE-105: Angle Parking
- 7. TE-106: One-Way Streets
- 8. TE-107: Through Highway
- 9. TE-108: Stop or Yield Control at Intersections
- **10. TE-109**: Restrictions as to Weight & Size Based on Conditions of Highway or Bridge
- 11. TE-110: Turn Restrictions
- 12. TE-111: Hazardous Walking Route

- 13. TE-112: School Zone Speed Limit
- 14. TE-113: Midblock Crosswalk
- **15. TE-114**: Designation of Alternate Routes for Restricted Vehicles
- **16. TE-115**: Special Speeds on Bridges & Elevated Structures
- 17. TE-116: Hazardous-Grade Speed Limits
- **18. TE-117**: Stop & Yield Controls at Locations Other Than Intersections
- 19. TE-119: Removal of Traffic Hazards
- **20. TE-122**: Solicitation Permit First Responder Organization
- 21. TE-300: Special Event Permit
- 22. TE-500 / TE-502: Ped. Channelizing Device
- 23. TE-501: Crosswalk Compliance

# **IMPORTANCE OF TE STUDIES**



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# THANK YOU!

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