

# ADTIP

Army Dams and  
Transportation  
Infrastructure Program



## RAILROAD TRACK STANDARDS AND MAINTENANCE 09 – 18 JAN 2024

### STUDENT INFORMATION PACKAGE

**COURSE DESCRIPTION:** The Railroad Track Standards and Maintenance Course is offered by the Joint Munitions Command (JMC) under the Army Dams & Transportation Infrastructure Program (ADTIP). This course is primarily intended for those who will be performing actual railroad inspection duties and thus require US Army Track Inspector certification as set forth in AR 420-1. However, others such as design engineers, transportation officers, Army National Guard or Reserve Component rail transportation personnel, etc. are encouraged to attend. Students in this course will gain an in-depth understanding of UFC 4-860-03 Railroad Track Maintenance & Safety Standards, which governs inspection and maintenance of all Department of Defense owned railroad track. The course will focus on the basic components of railroad track, their function and importance, and the standards to which each component is required to be maintained. Training will include fieldwork where students will perform different aspects of a visual detailed railroad track inspection according to UFC 4- 860-03. Students will also be exposed to maintenance and repair techniques necessary to sustain an operational track network. At the conclusion of the course, students will have an opportunity to take the US Army Certified Track Inspector test, which is one of the criteria that must be met to become a US Army Certified Track Inspector (CTI).

<b>COURSE DATES:</b>	Begin:	09 JAN 2024	0800 hours
	End:	18 JAN 2024	1630 hours
	Travel Dates:	8 JAN & 19 JAN	

**LOCATION:** Letterkenny Army Depot  
Chambersburg, PA 17201

**CLASSROOM:** Classroom will be located in building 645 on post. Google maps location: <https://maps.app.goo.gl/zjvtzNawpxxu4SR48>. **Students are not allowed to take photos during the training. Photos will be taken by Letterkenny staff and vetted by security before distribution.**

# ADTIP

**Army Dams and  
Transportation  
Infrastructure Program**



## **RAILROAD TRACK STANDARDS AND MAINTENANCE 09 – 18 JAN 2024**

### **STUDENT INFORMATION PACKAGE**

#### **TRAVEL/TRANSPORTATION:**

##### **From Harrisburg International Airport (I-81 South)**

(Driving time: Approx. 1 ¼ hrs.)

Follow access road from Airport to I-283. Take I-283 North toward Harrisburg. Watch for exit to PA Turnpike. Take PA Turnpike West toward Pittsburgh. Travel PA Turnpike West and exit at Carlisle-(Exit 226) staying toward left at toll plaza. Follow signs to I-81 by taking Route 11 North about 2 miles to the I-81 interchange. Travel I-81 South to (Scotland) Exit 20. This exit brings you around to the right to a traffic signal in front of McDonalds. Turn right onto PA 997 North and travel approximately 4 miles to a traffic signal the intersection of Rt. 997 and Rt. 11. (Sheetz convenience store on right.) Travel straight and continue on Rt. 997, 1 mile to the next light. Depart Rt. 997 and continue straight (slight left bend) into Letterkenny onto Coffey Avenue. Continue straight 1.33 miles to Red light. Make a right onto Carbaugh Avenue. Continue straight approximately ½ a mile, you will come to stop sign. Make a right onto Pennsylvania Avenue. Continue straight approximately 1000 ft. and building 645 will be on your left.

##### **From Washington D.C. Area (I-81 North)**

(Driving time - Approx. 2 ¼ hrs.)

From Washington, use I-495 beltway to I-270 North, following signs to Frederick, MD. Use I-270 North to Frederick. At Frederick, take I-70 West toward Hagerstown, MD. Pass several Hagerstown exits before finding I-81 North. Travel I-81 North approx. 30 miles to (Scotland) Exit 20. This exit brings you around to the right to a traffic signal in front of McDonalds. Turn right onto PA 997 North and travel approximately 4 miles to a traffic signal at the intersection of Rt. 997 and Rt. 11. (Sheetz convenience store on right.) Travel straight and continue on Rt. 997, 1 mile to the next light. Depart Rt. 997 and continue straight (slight left bend) into Letterkenny onto Coffey Avenue. Continue straight 1.33 miles to Red light. Make a right onto Carbaugh Avenue. Continue straight approximately ½ a mile, you will come to stop sign. Make a right onto Pennsylvania Avenue. Continue straight approximately 1000 ft and building 645 will be on your left.

##### **From Mercersburg (U.S. 30 East)**

(Approx. 36 minutes)

Start out going North on S Main St/Buchanan Trail W/PA-16/PA-416/PA-75 toward E Seminary St. Turn slight right onto Loudon Rd/PA-416/PA-75. Continue to follow PA-416 (7.3 miles). Turn right onto Lincoln Way W/Lincoln Hwy/US-30 (8.8 miles). Continue to follow US-30 E. Turn left onto S 2nd St/US-11 N. Continue to follow US-11 N. Turn slight right onto College Ave/US-11. Turn Left onto Edgar Ave/US-11. Turn left onto Norland Ave/US-11/Philadelphia Ave. Continue to follow US-11/Philadelphia Ave. Turn left onto Sunset Pike/PA-433 (At the traffic light). At the next traffic light turn left onto Coffey Ave. Continue straight 1.33 miles to Red light. Make a right onto Carbaugh Avenue. Continue straight approximately ½ a mile, you will come to stop sign. Make a right onto Pennsylvania Avenue. Continue straight approximately 1000 ft and building 645 will be on your left.

**From Gettysburg (U.S. 30 West)**

(Approx. 37 minutes)

Take Chambersburg St/US-30/Lincoln Hwy. Continue to follow US-30/Lincoln Hwy. At the traffic signal turn right onto Black Gap Rd/PA-997. Continue to follow PA-997. After crossing the I-81 Bridge overpass travel approximately 4 miles to a traffic signal the intersection of Route 997 and Rt. 11. (Sheetz convenience store on right.) Travel straight and continue on Rt. 997, 1 mile to the next light. Depart Rt. 997 and continue straight (slight left bend) into Letterkenny onto Coffey Avenue. Continue straight 1.33 miles to Red light. Make a right onto Carbaugh Avenue. Continue straight approximately ½ a mile, you will come to stop sign. Make a right onto Pennsylvania Avenue. Continue straight approximately 1000 ft and building 645 will be on your left.

**From Huntingdon (US-522 South/PA-997 South)**

(Approx. 1 hr. 18 minutes)

Take William Penn Hwy/US-22. Turn right onto US-522 S/US-522/James Dicosimo Byp. Continue to follow US-522 S (16.6 miles). Turn left onto Neelyton Rd/PA-641. Continue to follow PA-641 (10.2 miles). Turn right onto Timmons Rd/PA-641. Continue to follow PA-641 (6.9 miles) Turn right onto Cumberland Hwy/PA-997 (8.7 miles). Turn right onto Coffey Ave. Continue straight 1.33 miles to Red light. Make a right onto Carbaugh Avenue. Continue straight approximately ½ a mile, you will come to stop sign. Make a right onto Pennsylvania Avenue. Continue straight approximately 1000 ft and building 645 will be on your left.

**From Altoona (I-76 E-PA Turnpike):**

(Approx. 1 hr. 57 minutes)

From 10th Ave/Pennsylvania Railroad Expy take the PA-4010 S ramp. Merge onto 17th St. Merge onto I-99 S/US-220 S toward Bedford (32.7 miles). Merge onto US-220-BR via Exit 1 toward I-70/Pennsylvania Turnpike/I-76/Bedford. Merge onto I-76 E/Pennsylvania Turnpike toward Pittsburgh/Harrisburg (Portions toll) (56.7 miles). Take the PA-997 exit, EXIT 201, toward Blue Mountain/Shippensburg/Chambersburg. Turn right onto Cumberland Hwy/PA-997. Turn right onto Roxbury Rd/PA-641/PA-997. Turn left onto Cumberland Hwy/PA-997 (8.7 miles). Turn right onto Coffey Ave. Continue straight 1.33 miles to Red light. Make a right onto Carbaugh Avenue. Continue straight approximately ½ a mile, you will come to stop sign. Make a right onto Pennsylvania Avenue. Continue straight approximately 1000 ft and building 645 will be on your left. The course will end at 14:30 hours on 4 May 2023. Any attendee who leaves the course earlier than scheduled (except for emergency situations) will not be certified and will not attend the next training class. Flight scheduling

conflicts are not considered emergencies. Any flight conflicts with the course ending time should be resolved within the student's organization before the course begins.

**COURSE ACTIVITIES/MATERIALS:** Several sessions of fieldwork are included in this class. For this fieldwork, each student must bring sturdy steel-toed work boots; appropriate work clothing; appropriate rain gear in the event of a rain shower (we will not stay out in heavy rain). For field activities, if the required clothing is not brought to the course, the student will be required to purchase the items locally before being allowed to participate in the field exercises. **THIS IS A SAFETY ISSUE.** Writing pads, inspection forms, and other items **WILL BE PROVIDED** at the class. The course material is presented in a 4-inch-thick binder. Space should be reserved in your luggage for carrying the binder back with you.

**DRESS CODE:** Attire for this course is proper outdoor working clothing. This clothing consists of proper work shirts, steel-toed boots, full-length working pants, hat, sunscreen, working gloves, and bug/insect repellent. If you are prone to sunburn, a proper long-sleeve work shirt is strongly recommended. Comfortable shoes (other than steel-toed) can be worn during the classroom sessions, but students must bring their steel-toed boots with them in the event the schedule changes and a field exercise occurs.

**ACCOMMODATIONS:** Students are responsible for over per diem expense unless prior approval is obtained by the students' installation approving official. The per diem rates in PA are \$107.00 for lodging and \$59.00 for meals and incidentals.

**REQUIRED TRAINING FORM:** Bring a copy of an approved training form (SF 182) with. A photocopy of the form is acceptable.

# ADTIP

Army Dams and  
Transportation  
Infrastructure Program



## RAILROAD TRACK STANDARDS AND MAINTENANCE 09 – 18 JAN 2024

### STUDENT INFORMATION PACKAGE

#### REQUIREMENTS FOR COURSE COMPLETION CERTIFICATE

To receive the course completion certificate, you must:

1. Attend all classes.
2. Complete the pretest, quizzes, and final exam.
3. Submit the course evaluation sheet.
4. Be present at the conclusion of the class. Certificates will not be given to personnel who depart the class early.

#### REQUIREMENTS FOR A CERTIFIED TRACK INSPECTOR CERTIFICATE

To become a certified track inspector (CTI), you must:

1. **Have your supervisor send a letter (via email or fax) to Jeremy Beasley stating:**
  - a. **You have been recommended by your supervisor or garrison commander to become a certified track inspector.**
  - b. **You have at least 1 year of experience in railroad track maintenance work, inspection, quality assurance, or design. (If you don't have the experience, you will get a certificate of completing the course and the certification after completion of one year of experience)**
2. Make a passing score (80% or higher) on the certified track inspector exam.

---

Jeremy Beasley  
Railroad Track Evaluation Program Lead  
601-634-3472  
thomas.J.beasley@usace.army.mil

Fed Wortham  
JMC, ADTIP Program Manager  
309-782-0106  
frederick.h.wortham.civ@army.mil

---

