*INCLUDE SECTION 152 ON ALL PROJECTS WITH CLAUSE $$152.03A AS A MINIMUM.*

$$152.00A

Section 152. — CONSTRUCTION SURVEY AND STAKING

Revised 17 June 2024

*INCLUDE THE FOLLOWING ON ALL PROJECTS*

$$152.03A

152.03(b). Add the following:

Include procedures for how control will be established and maintained.

*INCLUDE THE FOLLOWING IF THE CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING INITIAL REFERENCE POINTS AND HORZ/VERT CONTROL (I.E. INCLUDE IF SURVEY CONTROL IS NOT INCLUDED IN THE PLANS) (VERIFY WITH SURVEY)*

$$152.04A

152.04. Delete the fourth, fifth, and ninth paragraphs, and substitute the following:

The Government did not set initial horizontal or vertical control for the project. No survey data will be furnished.

Establish initial reference lines and control points, with horizontal and vertical control points as necessary, to perform the construction survey and staking. Obtain approval before starting construction.

*INCLUDE THE FOLLOWING FOR ROADWAY PROJECTS GREATER THAN ½-MILE LONG - VERIFY THE MAXIMUM SPACING WITH CONSTRUCTION*

$$152.05A

152.05(a). Add the following:

Set benchmarks a maximum spacing of 1,000 feet along the length of the roadway.

*INCLUDE THE FOLLOWING IF THE PROJECT INCLUDES PERMANENT ROW AND/OR BOUNDARY MONUMENTATION ALONG PRIVATE PROPERTY (VERIFY WITH SURVEY IF REQUIRED) (IF CLAUSE $$152.05B IS USED, AN ASSOCIATED 15215-4000 PAY ITEM IS USUALLY REQUIRED)*

$$152.05B

152.05(k). Add the following:

Perform the portion of the survey work required to establish permanent monuments and markers by a professional land surveyor registered in the *(insert one of the following wordings “State of …” or “Commonwealth of …” or “Territory of …” and insert appropriate name - REMOVE ITALICS, PARENTHESES, AND QUOTATION MARKS)*.

*INCLUDE THE FOLLOWING ON ROADWAY PAVING PROJECTS WITH MAINLINE STRIPING WHERE THE LIMITS OF THE MAINLINE PASSING/NO PASSING ZONES HAVE NOT BEEN INCLUDED IN THE PS&E (TYPICALLY, THIS SPEC IS USED ON MILLING AND OVERLAY AND PAVEMENT PRESERVATION PROJECTS) (DISCUSS WITH CONSTRUCTION) (IF USED, ALSO INCLUDE CLAUSE $$634.03A)*

$$152.05C

152.05(l). Add the following:

Survey the existing centerline pavement markings to record the existing passing and no-passing zones. Submit the survey to the CO before performing pavement removal or resurfacing work. Use this survey to reestablish the existing passing and no-passing zones according to Section 634.