

INDIANA DEPARTMENT OF TRANSPORTATION

100 North Senate Avenue Room N758 CM Indianapolis, Indiana 46204

www.in.gov/indot

Eric Holcomb, Governor Mike Smith, Commissioner

AGENDA

August 17, 2023 Standards Committee Meeting

MEMORANDUM

July 31, 2023

TO: Standards Committee

FROM: Scott Trammell, Secretary

RE: Agenda for the August 17, 2023 Standards Committee Meeting

A Standards Committee meeting is scheduled for 09:00 a.m. on August 17, 2023 will be held virtually via *Teams* (Microsoft application). Please contact Scott Trammell (strammell@indot.in.gov) for instructions on how to join this event.

The following items are listed for consideration:

A. GENERAL BUSINESS

OLD BUSINESS

(No items on this agenda)

NEW BUSINESS

1. Approval of the Minutes from the July 20, 2023 meeting

B. CONCEPTUAL PROPOSAL

(No items on this agenda)

C. STANDARD SPECIFICATIONS, SPECIAL PROVISIONS, AND STANDARD DRAWINGS PROPOSAL

OLD BUSINESS

(No items on this agenda)

NEW BUSINESS

| Item No. 1 | Mr. Boruff pg. | |
|-------------------------------|--|--------|
| Recurring Special Provision: | | |
| 805-T-124 | INTEGRATED VIDEO VEHICLE DETECTOR SYSTEM | |
| | | |
| Item No. 2 | Mr. Reilman | pg. 8 |
| 2024 Standard Specifications: | | |
| 203.26 | Proofrolling | |
| | | |
| Item No. 3 | Mr. Reilman | pg. 12 |
| 2024 Standard Specifications: | | |
| 708.02 | Materials | |
| 910.01 | Reinforcing Bars, Dowel Bars and | d WWR |
| | | |
| Item No. 4 | Mr. White | pg. 16 |
| 2024 Standard Specifications: | | |
| 702.28 | Basis of Payment | |
| 707.12 | Basis of Payment | |
| 711.73 | Basis of Payment | |
| 726.04 | Method of Measurement | |
| 726.05 | Basis of Payment | |
| | | |
| | | |

cc: Committee Members

FHWA

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REVISION TO SPECIAL PROVISIONS

PROPOSAL TO STANDARDS COMMITTEE

PROBLEM(S) ENCOUNTERED: RSP 805-T-124 for integrated video vehicle detector systems is obsolete and has not been used since 2009.

PROPOSED SOLUTION: Delete RSP 805-T-124.

APPLICABLE STANDARD SPECIFICATIONS: 805

APPLICABLE STANDARD DRAWINGS: N/A

APPLICABLE DESIGN MANUAL SECTION: N/A

APPLICABLE SECTION OF GIFE: N/A

APPLICABLE RECURRING SPECIAL PROVISIONS: N/A

PAY ITEMS AFFECTED: No, pay item 805-06921 is already marked as obsolete.

APPLICABLE SUB-COMMITTEE ENDORSEMENT: Yes by Traffic Standards Subcommittee

IF APPROVED AS RECURRING SPECIAL PROVISION OR PLAN DETAILS, PROPOSED BASIS FOR USE: N/A

IMPACT ANALYSIS (attach report): Yes

Submitted By: Joe Bruno on behalf of Dave Boruff

Title: Sr. Traffic Engineer, Signals & Markings

Division: Traffic Engineering Division

E-mail: jbruno@indot.in.gov

Date: 7/24/2023

Mr. Boruff Date: 08/17/23

STANDARD SPECIFICATIONS, SPECIAL PROVISIONS AND STANDARD DRAWINGS

REVISION TO SPECIAL PROVISIONS

IMPACT ANALYSIS REPORT CHECKLIST

Explain the business case as to why this item should be presented to the Standards Committee for approval. Answer the following questions with Yes, No or N/A.

<u>Does this item appear in any other specification sections?</u> No <u>Will approval of this item affect the Qualified Products List (QPL)?</u> No Will this proposal improve:

Construction costs? No
Construction time? No
Customer satisfaction? No
Congestion/travel time? No
Ride quality? No

Will this proposal reduce operational costs or maintenance effort? No

Will this item improve safety:

For motorists? No For construction workers? No

Will this proposal improve quality for:

Construction procedures/processes? Yes Asset preservation? No Design process? Yes

Will this change provide the contractor more flexibility? No

Will this proposal provide clarification for the Contractor and field personnel? Yes

Can this item improve/reduce the number of potential change orders? Yes

Is this proposal needed for compliance with:

<u>Federal or State regulations?</u> No <u>AASHTO or other design code?</u> No

Is this item editorial? No

REVISION TO SPECIAL PROVISIONS

805-T-124 INTEGRATED VIDEO VEHICLE DETECTOR SYSTEM (proposed to discontinue use)

805-T-124 INTEGRATED VIDEO VEHICLE DETECTOR SYSTEM

(Revised 04-25-21)

The integrated video vehicle detector system shall have a CCD video image sensor and a machine vision processor as a single unit. The system shall be capable of monitoring vehicles on a roadway via processing of video images and shall provide detector outputs to a traffic signal controller.

Only models from the QPL of Traffic Signal and ITS Devices shall be used. Integrated video vehicle detector systems will be placed and maintained on the QPL after being evaluated and approved by the Department. Manufacturers wishing to have their system considered should contact the Highway Support Manager, Operations Support Division.

The integrated video vehicle detector system shall include the integrated CCD video image sensor and the machine vision processor, minihub or hub, camera and receiver using integrated wireless technology for communications, set-up and operating software, all connectors, wiring and miscellaneous equipment necessary for the installation and operation of the system.

A 10 year operational warranty or standard manufacturer's warranty, whichever is longer, shall be provided for each:

- (a) integrated CCD video image sensor and machine vision processor and hub or mini-hub; and
- (b) camera and receiver using integrated wireless technology for communications.

The effective date for the beginning of the warranty shall be the traffic signal turn-on date as noted on Traffic Signal Completion Report Form (IC 636). A written copy of the warranty shall be presented to the Engineer prior to final acceptance of the contract.

The warranty shall service all defects in material or workmanship of the equipment. The manufacturer shall not be responsible for damage caused by negligence, severe weather acts such as lightning, flood, etc. or use of the equipment in a manner not originally intended. Temperatures between -30°F and +165°F are not considered severe weather acts. The vendor or manufacturer shall be responsible, during the warranty period, for transportation costs of items requiring warranty service to and from the Operations Support Division, Highway Support Section. A maximum turnaround time for service of defects in material and workmanship of equipment shall be no longer than 60 calendar days. Continued failure, repeated malfunctions, or exceeding the maximum turn-around time for warranty service will be cause to remove that model from the QPD.

The system will be measured and paid for at the contract unit price per each for integrated video vehicle detector system, complete in place.

The integrated CCD video image sensors and machine vision processor, mini-hub or hub, camera and receiver using integrated wireless technology for communications, set-up and operating software, all connectors,

REVISION TO SPECIAL PROVISIONS

805-T-124 INTEGRATED VIDEO VEHICLE DETECTOR SYSTEM (proposed to discontinue use)

wiring, miscellaneous equipment necessary for the installation and operation of the system, and the warranty shall be included in the cost of the integrated video vehicle detector system.

The mounting structure(s) will be measured in accordance with 805.15 and paid for in accordance with 805.16.



805-T-124 INTEGRATED VIDEO VEHICLE DETECTOR SYSTEM

| Motion: Second: Ayes: Nays: FHWA Approval: | Action: — — — | Passed as Submitted Passed as Revised Withdrawn |
|--|---------------|--|
| 2024 Standard Specifications Sections referenced and/or affected: NONE | | 2026 Standard Specifications Revise Pay Items List Notification to Designers if change is <u>not</u> addressed by RSP |
| Recurring Special Provisions or Plan Details: 805-T-124 Standard Drawing affected: | _ | Create RSP (No) Effective: |
| NONE Design Manual Sections affected: | _ | Revise RSP (No) Effective: |
| NONE GIFE Sections cross-references: | _ | Standard Drawing Effective: |
| NONE | _ | Create RPD (No) Effective: |
| | _ _ _ | GIFE Update Frequency Manual Update SiteManager Update |

REVISION TO STANDARD SPECIFICATIONS

PROPOSAL TO STANDARDS COMMITTEE

PROBLEMS(S) ENCOUNTERED:

- It was determined that clarification on the requirement of a dump truck was needed.
- It was also determined that the deflection criteria of Proofrolling needed to be updated for further details in 203.26.

PROPOSED SOLUTION:

- Add the details of a dump truck to be used for proofrolling.
- Add the detailed deflection criteria for proofrolling in 203.26.

APPLICABLE STANDARD SPECIFICATIONS: 203

APPLICABLE STANDARD DRAWINGS: NA

APPLICABLE DESIGN MANUAL SECTION: NA

APPLICABLE SECTION OF GIFE: NA

APPLICABLE RECURRING SPECIAL PROVISIONS: NA

PAY ITEMS AFFECTED: No

<u>APPLICABLE SUB-COMMITTEE ENDORSEMENT:</u> ICI, Subcontractors, Area Engineers, Material Engineers and Geotechnical Engineers.

IMPACT ANALYSIS (attach report): NA

Submitted by: Jim Reilman for Nayyar Siddiki

<u>Title:</u> State Materials Engineer

Organization: INDOT

Phone Number: 317-522 9692

Date: 7/24/2023

STANDARD SPECIFICATIONS, SPECIAL PROVISIONS AND STANDARD DRAWINGS

REVISION TO STANDARD SPECIFICATIONS

IMPACT ANALYSIS REPORT CHECKLIST

Explain the business case as to why this item should be presented to the Standards Committee for approval. Answer the following questions with Yes, No or N/A.

Does this item appear in any other specification sections? No

Will approval of this item affect the Approved Materials List? No

Will this proposal improve:

Construction costs: NA
Construction time: Yes
Customer satisfaction? NA
Congestion/travel time? NA
Ride quality? NA

Will this proposal reduce operational costs or maintenance effort? NA

Will this item improve safety:

For motorists? NA For construction workers? NA

Will this proposal reduce operational costs or maintenance effort? NA

Will this item improve safety:

For motorists? NA For construction workers? NA

Will this proposal improve quality for:

Construction procedures/processes? Yes Asset preservation? NA Design process? NA

Will this change provide the contractor more flexibility? NA

Will this proposal provide clarification for the Contractor and field personnel? Yes

Can this item improve/reduce the number of potential change orders? NA

<u>Is this proposal needed for compliance with:</u>

Federal or State regulations: No AASHTO or other design code: No

Is this item editorial? No

Provide any further information as to why this proposal should be placed on the Standards Committee meeting Agenda:

REVISION TO STANDARD SPECIFICATIONS

SECTION 203 – EXCAVATION AND EMBANKMENT 203.26 Proofrolling

The Standard Specifications are revised as follows:

SECTION 203, BEGIN LINE 1268, DELETE AND INSERT AS FOLLOWS:

203.26 Proofrolling

When proofrolling is specified *for a work product*, the work shall be performed with an on-highway dump truck with a minimum tire pressure of 90 psi. *If equipped, drop axles shall be in the raised position. The operating speed of the dump truck shall not exceed 2 mph and all surfaces to be proofrolled shall be completely covered with a single pass.*

The weight of the dump truck and measured deflection or rutting shall be as follows:

| Work Due doot Degraining | Dump Truck Weight, | Allawahla Daffastian |
|---|--------------------|----------------------|
| Work Product Requiring | | Allowable Deflection |
| Proofrolling | minimum | or Rutting |
| Original ground or embankment foundation | 15 t | ≤ 1 in.* |
| Embankment construction, subgrade, or subbase | 33 t | ≤ 1/2 in. |
| * The Department's Geotechnical Engineering Division will be contacted for deflection | | |
| or rutting greater than 5 in. | | |

Proofrolling for original ground or embankment construction shall be performed using a dump truck weighing at least 15 t. Proofrolling for subgrade preparation shall be performed using a dump truck weighing at least 33 t. All proofrolled surfaces shall be covered completely with a single pass. Operating speed of the proofrolling truck shall not exceed 2 mph.

Deflections or rutting in excess of 1/2 in. shall require remediation of the surface as directed. Deflection or rutting in excess of 3 in. shall require corrective remediation measures and the Department's Geotechnical Engineering Division will be contacted. Proofrolling shall be performed after remediation measures on embankment or subgrade prior to the placement of additional material. There shall be one or two complete coverages as directed. Roller marks, irregularities, or failures shall be corrected.

When the measured deflection or rutting exceeds the allowable values for the respective work product listed in the table above, the Contractor shall repair or remediate the work product to bring it in compliance with the specifications. Upon completion of the remediation or repair of the work product, proofrolling shall be performed again and deflections or rutting rechecked for compliance with the table above. This process shall be repeated until the measured deflection or rutting complies with the specification, prior to the placement of additional material.

Roller marks, irregularities, or failures shall be filled with soils in accordance with 207.02, structure backfill, or B borrow, and compacted in accordance with 203.23.

<u>Item No. 2</u> (2024 SS) (contd.) Mr. Reilman

Mr. Reilman Date: 08/17/23

COMMENTS AND ACTION

203.26 Proofrolling

| Motion: Second: Ayes: Nays: FHWA Approval: | Action: — — — | Passed as Submitted Passed as Revised Withdrawn |
|--|----------------|--|
| 2024 Standard Specifications Sections referenced and/or affected: 203.26 pg 182. | | 2026 Standard Specifications Revise Pay Items List Notification to Designers if change is <u>not</u> addressed by RSP |
| Recurring Special Provisions or Plan Details: NONE | _ | Create RSP (No) Effective: |
| Standard Drawing affected: NONE Design Manual Sections affected: | _ | Revise RSP (No) Effective: |
| NONE GIFE Sections cross-references: | _ | Standard Drawing Effective: |
| NONE | _ | Create RPD (No) Effective: |
| | _ _ _ | GIFE Update Frequency Manual Update SiteManager Update |

STANDARD SPECIFICATIONS, SPECIAL PROVISIONS AND STANDARD DRAWINGS

REVISION TO STANDARD SPECIFICATIONS

PROPOSAL TO STANDARDS COMMITTEE

PROBLEM(S) ENCOUNTERED: The specified size of smooth WWR specified does not appear to be a valid size.

PROPOSED SOLUTION: Update the 708 and 910 sections as shown to specify a standard size of WWR and also allow deformed WWR

APPLICABLE STANDARD SPECIFICATIONS: 708, 910

APPLICABLE STANDARD DRAWINGS: none

APPLICABLE DESIGN MANUAL SECTION: none

APPLICABLE SECTION OF GIFE: none

APPLICABLE RECURRING SPECIAL PROVISIONS: create 708 RSP

PAY ITEMS AFFECTED: none

APPLICABLE SUB-COMMITTEE ENDORSEMENT: Ad hoc, David Jacobs, Jim Reilman

IF APPROVED AS RECURRING SPECIAL PROVISION OR PLAN DETAILS, PROPOSED BASIS FOR USE: All contracts with a 708 pay item

IMPACT ANALYSIS (attach report):

Submitted By: Jim Reilman

Title: State Materials Engineer

Organization: INDOT

Phone Number: (317) 522-9692

Date: 7/24/23

STANDARD SPECIFICATIONS, SPECIAL PROVISIONS AND STANDARD DRAWINGS

REVISION TO STANDARD SPECIFICATIONS

IMPACT ANALYSIS REPORT CHECKLIST

Explain the business case as to why this item should be presented to the Standards Committee for approval. Answer the following questions with Yes, No or N/A.

 $\frac{\hbox{Does this item appear in any other specification sections?}}{\hbox{Will approval of this item affect the Approved Materials List?}}\ No$ Will this proposal improve:

Construction costs? Yes
Construction time? Yes
Customer satisfaction? N/A
Congestion/travel time? N/A
Ride quality? N/A

Will this proposal reduce operational costs or maintenance effort? N/A

Will this item improve safety:

 $\label{eq:formotorists} \begin{array}{l} \underline{\text{For motorists?}} \ N/A \\ \\ \text{For construction workers?} \ N/A \end{array}$

Will this proposal improve quality for:

 $\frac{\text{Construction procedures/processes?}}{\text{Asset preservation?}}\,N/A\\ \frac{\text{Design process?}}{\text{DN/A}}\,N/A$

Will this change provide the contractor more flexibility? Yes

Will this proposal provide clarification for the Contractor and field personnel? Yes

Can this item improve/reduce the number of potential change orders? Yes

Is this proposal needed for compliance with:

<u>Federal or State regulations?</u> No AASHTO or other design code? No

Is this item editorial? No

<u>Provide any further information as to why this proposal should be placed on the Standards Committee</u> <u>meeting Agenda:</u>

REVISION TO STANDARD SPECIFICATIONS

SECTION 708 – PNEUMATICALLY PLACED MORTAR 708.02 Materials SECTION 910 – METAL MATERIALS 910.01 Reinforcing Bars, Dowel Bars and WWR

(Note: Proposed changes shown highlighted gray)

The Standard Specifications are revised as follows:

SECTION 708, BEGIN LINE 10, DELETE AND INSERT AS FOLLOWS:

708.02 Materials

Materials shall be in accordance with the following:

| Deformed and Smooth Steel WWR | 910.01(a), 910.01(b)5 |
|-------------------------------|-----------------------|
| Fine Aggregate | 904.02(d) |
| Fly Ash | 901.02 |
| Portland Cement | |
| Water | |
| | |

WWR shall consist of wire, size W 1.2 or approximately No. 12 gauge or larger, or D 1 or larger, spaced and welded at intervals greater than or equal to 2 in., and no greater than 4 in.

SECTION 910, BEGIN LINE 3, DELETE AND INSERT AS FOLLOWS:

910.01 Reinforcing Bars, Dowel Bars and WWR

(a) General

Unless otherwise specified, bars for concrete reinforcement shall be deformed billet steel, grade 60. Tie bar assemblies used in lieu of bent tie bars shall be in accordance with the minimum total ultimate strength and minimum total yield strength requirements specified for bent tie bars; bend test and elongation will not be required. Coiled reinforcing bars shall only be used for fabrication of spiral and ring reinforcement or for rectangular ties and stirrups. When approved by the Engineer, coiled reinforcing bars may also be used for supports in accordance with 703.06.

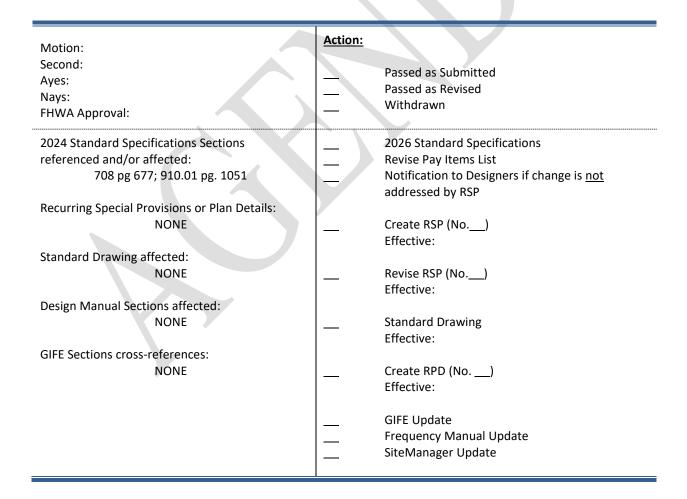
Reinforcing bars and WWR shall be furnished by selecting materials made by a manufacturer or fabricator on the QPL of Uncoated Reinforcing Bar and WWR Manufacturers in accordance with ITM 301, except for WWR used for pneumatically placed mortar. WWR used for pneumatically placed mortar will be accepted by a Type A eCertification, *Other* in accordance with 916.01. When shipped to the project site, the reinforcing bars and WWR shall be accompanied by the type of eCertifications, *Other* specified in ITM 301 and in accordance with 916.01.

Item No. 3 (2024 SS) (contd.)

Mr. Reilman Date: 08/17/23

COMMENTS AND ACTION

708.02 Materials 910.01 Reinforcing Bars, Dowel Bars and WWR



REVISION TO STANDARD SPECIFICATIONS

PROPOSAL TO STANDARDS COMMITTEE

PROBLEM(S) ENCOUNTERED: Existing rocker bearings are often replaced with elastomeric bearings during bridge preservation projects. The Standard Specifications includes the cost of elastomeric bearings in the cost of structural members, so unique special provisions are frequently used to pay for elastomeric bearings directly. This creates multiple versions of USPs for the same intent that need to go through the USP review process.

PROPOSED SOLUTION: Update the Standard Specifications to pay for elastomeric bearings directly.

APPLICABLE STANDARD SPECIFICATIONS: 702, 707, 711, and 726

APPLICABLE STANDARD DRAWINGS: 726-BEBP (no changes required)

APPLICABLE DESIGN MANUAL SECTION: IDM Chapter 409 (no changes required)

APPLICABLE SECTION OF GIFE: N/A

APPLICABLE RECURRING SPECIAL PROVISIONS: N/A

<u>PAY ITEMS AFFECTED:</u> 726-92406 BEARING ASSEMBLY, ELASTOMERIC will need to be changed from unique to recurring.

APPLICABLE SUB-COMMITTEE ENDORSEMENT:. Coordination with Jim Reilman, Joe Novak, Stephanie Wagner, Elizabeth Mouser, and Melissa Russell.

IF APPROVED AS RECURRING SPECIAL PROVISION OR PLAN DETAILS, PROPOSED BASIS FOR USE: All projects that include new elastomeric bearing assemblies.

IMPACT ANALYSIS (attach report):

Submitted By: Pete White

Title: Design Manager

Division: INDOT Bridge Engineering

E-mail: pewhite@indot.in.gov

Date: July 25, 2023

Mr. White Date: 08/17/23

STANDARD SPECIFICATIONS, SPECIAL PROVISIONS AND STANDARD DRAWINGS

REVISION TO STANDARD SPECIFICATIONS

IMPACT ANALYSIS REPORT CHECKLIST

Explain the business case as to why this item should be presented to the Standards Committee for approval. Answer the following questions with Yes, No or N/A.

<u>Does this item appear in any other specification sections?</u> Yes, but no changes required <u>Will approval of this item affect the Qualified Products List (QPL)?</u> No Will this proposal improve:

Construction costs? No
Construction time? No
Customer satisfaction? No
Congestion/travel time? No
Ride quality? No

Will this proposal reduce operational costs or maintenance effort? No

Will this item improve safety:

For motorists? No For construction workers? No

Will this proposal improve quality for:

<u>Construction procedures/processes?</u> Yes <u>Asset preservation?</u> No <u>Design process?</u> No

Will this change provide the contractor more flexibility? No

Will this proposal provide clarification for the Contractor and field personnel? Yes

Can this item improve/reduce the number of potential change orders? Yes

Is this proposal needed for compliance with:

<u>Federal or State regulations?</u> No <u>AASHTO or other design code?</u> No

Is this item editorial? No

<u>Provide any further information as to why this proposal should be placed on the Standards Committee</u> <u>meeting Agenda:</u> This change should provide consistency for payment of elastomeric bearing assemblies.

Item No. 4 (2024 SS) (contd.)

Mr. White Date: 08/17/23

REVISION TO STANDARD SPECIFICATIONS

SECTION 702 – STRUCTURAL CONCRETE

702.28 Basis of Payment

SECTION 707 – PRECAST CONCRETE AND PRECAST PRESTRESSED CONCRETE STRUCTURAL MEMBERS

707.12 Basis of Payment

SECTION 711 – STEEL STRUCTURES

711.73 Basis of Payment

SECTION 726 – BEARING ASSEMBLIES

726.04 Method of Measurement

726.05 Basis of Payment

(Note: Proposed changes shown highlighted gray)

The Standard Specifications are revised as follows:

SECTION 702, BEGIN LINE 1400, DELETE AS FOLLOWS:

Elastomeric bearings will not be paid for directly, unless otherwise specified. The cost thereof shall be included in the cost of the structural member they support. The cost of protecting existing footings to be extended shall be included in the cost of concrete, B, footings, unless otherwise specified.

SECTION 707, BEGIN LINE 558, DELETE AND INSERT AS FOLLOWS:

Reinforcing bars, WWR, prestressing strands, elastomeric bearing pads, modifications to bearing pads, bearing beams required for box beams, bearing assemblies required for I-beams, bulb T beams, U-beams, box beams, bearing plates, steel bearing assemblies for integral end bents, threaded reinforcing bars, threaded inserts in fascia beams, hex bolts, sealer on the outside face and bottom flange of fascia beams and on the tops of all beams, working drawings and design calculations, and necessary incidentals shall be included in the cost of the pay items of this section.

SECTION 711, BEGIN LINE 1273, DELETE AND INSERT AS FOLLOWS:

The cost of drilling holes for anchor bolts, elastomeric bearings, bridge bearing pads, steel bearing assemblies for integral end bents, fabrication, painting, erecting falsework, welding material, Charpy V-Notch toughness tests, and necessary incidentals shall be included in the cost of the pay items in this section.

SECTION 726, BEGIN LINE 43, DELETE AND INSERT AS FOLLOWS:

726.04 Method of Measurement

Elastomeric bearing pads will not be measured for payment by the number of bearing assemblies placed. PTFE bearing devices will be measured by the number of devices placed.

726.05 Basis of Payment

Elastomeric bearing pads will not be paid for separately at the contract unit price per each bearing assembly, complete.

PTFE bearing devices will be paid for at the contract unit price per each device, complete and in place.

Payment will be made under:

Item No. 4 (2024 SS) (contd.)

Mr. White Date: 08/17/23

REVISION TO STANDARD SPECIFICATIONS

SECTION 702 – STRUCTURAL CONCRETE

702.28 Basis of Payment

SECTION 707 – PRECAST CONCRETE AND PRECAST PRESTRESSED CONCRETE STRUCTURAL MEMBERS

707.12 Basis of Payment

SECTION 711 – STEEL STRUCTURES

711.73 Basis of Payment

SECTION 726 – BEARING ASSEMBLIES

726.04 Method of Measurement

726.05 Basis of Payment

Pay Item

Pay Unit Symbol

| Bearing Assembly, | Elastomeric | EACH |
|-------------------|-------------|------|
| Bearing Assembly, | PTFE | EACH |

The cost of the pads, side retainers, anchor bolts, shim plates, *bearing plates*, *bolster assemblies*, and other incidentals shall be included in the cost of the structural member, or for PTFE bearing assemblies pay item.

Item No. 4 (2024 SS) (contd.)

Mr. White Date: 08/17/23

COMMENTS AND ACTION

702.28 Basis of Payment 707.12 Basis of Payment 711.73 Basis of Payment 726.04 Method of Measurement 726.05 Basis of Payment

| Motion: Second: Ayes: Nays: FHWA Approval: | Action: | Passed as Submitted Passed as Revised Withdrawn |
|---|-------------|--|
| 2024 Standard Specifications Sections referenced and/or affected: 702 pg. 649; 707 pg. 676; 711 pg. 714; and 726 pg. 818. | = | 2026 Standard Specifications Revise Pay Items List Notification to Designers if change is <u>not</u> addressed by RSP |
| Recurring Special Provisions or Plan Details: NONE | _ | Create RSP (No) Effective: |
| Standard Drawing affected: 726-BEBP (no changes required) | _ | Revise RSP (No) Effective: |
| Design Manual Sections affected: IDM Chapter 409 (no changes required) | _ | Standard Drawing Effective: |
| GIFE Sections cross-references: NONE | _ | Create RPD (No) Effective: |
| | _ _ _ | GIFE Update Frequency Manual Update SiteManager Update |