INDIANA DEPARTMENT OF TRANSPORTATION
100 North Senate Avenue
Room N758 CM
Indianapolis, Indiana 46204
www.in.gov/indot
Mike Braun, Governor
Lyndsay Quist, Commissioner

APPROVED MINUTES

June 18, 2026, Standards Committee Meeting

September 2, 2026

TO: Standards Committee

FROM: Scott Trammell, Secretary

RE: Minutes of June 18, 2026, Standards Committee Meeting

The Standards Committee meeting was called to order by Mr. Pankow, Chair, at 09:00 a.m. on Thursday, June 18, and was held virtually via *Teams* (Microsoft application). The meeting was adjourned at 9:42 a.m. The next meeting is scheduled for Thursday, **July 16, 2026**.

The following committee members were in attendance:

Pankow, Gregory, Chairman, Director, Construction Management
Boruff, David, Traffic Engineering
Dave, Kumar, Pavement Engineering
Koch, Mike, District Construction, Fort Wayne District
Novak, Joseph, Construction Management
Orton, Mark, Highway Engineering
Pelz, Kurt, Construction Technical Support
Rearick, Anne, Bridge Management
Reilman, Jim, Materials and Tests
Wooden, John, Contract Administration
Lesh, Jim*, Bridge Engineering
**Proxy* for White, Peter

The Microsoft Teams participant log captured the following attendees:

Anderson, Michael, INDOT
Blanchard, Jacob, INDOT
Butts, Nathan, INDOT
Delp, Patrick, INDOT
Galetka, Jason, INDOT
Hailat, Mahmoud, INDOT
Harding, Matthew, INDOT
Mouser, Elizabeth, INDOT
Nunley, Cindy E., INDOT
Patrick Long, RINKER PIPE
Pepenella, Keith J., INDOT
Podorvanova, Lana, INDOT
Ranck, Amanda, INDOT
Schroeder, Laura, INDOT

Harris, Tom, INDOT
Hathaway, Reed P., INDOT
Hauser, Derrick, INDOT
Homan, Douglas, INDOT
Jacobs, David L., INDOT
John Leckie, IRMCA
Killian, Abbygail, INDOT
Lewis, Sarah K., INDOT
Russell, Melissa, INDOT
Siddiki, Nayyar Zia, INDOT
Smith, Charles, INDOT
Stahl, Carina, INDOT
Thornton, Donald, INDOT
Towner, Anna E., INDOT
Trammell, Scott, INDOT
Wheat, Faith, INDOT
Wortkoetter, Andrew J., INDOT

The following items were discussed:

A. GENERAL BUSINESS

OLD BUSINESS *(No items were listed)*

NEW BUSINESS

Approval of the Minutes from May 21, 2026 meeting

Mr. Lesh, sitting in as proxy for Mr. White, explained some minor revisions to the previously approved Item No. 2 regarding the Structural Steel pay item and the intent to reinstate the Bronze Plate pay item and applicable language.

Also, minor edits were made to item 1 for clarification.

Mr. Pankow requested a motion to approve the Minutes from the May 21, 2026 meeting, as revised.

Motion: Mr. Pelz
Second: Mr. Novak
Ayes: 9
Nays: 0

ACTION: PASSED AS REVISED

B. CONCEPTUAL PROPOSAL

(No items were listed)

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

OLD BUSINESS

(No items were listed)

NEW BUSINESS

Item No. 1	Mr. Reilman	pg. 5

Recurring Special Provision:

714-R-801 REINFORCED CONCRETE BOX STRUCTURES

ACTION: WITHDRAWN

Item No. 2	Mr. Reilman	pg. 10

Recurring Special Provision:

715-R-809 PIPE CULVERTS, AND STORM AND SANITARY SEWERS

ACTION: WITHDRAWN

Item No. 3	Mr. Reilman	pg. 21

2026 Standard Specifications:

216.04	Properties and Tests
216.07	Preparation of Subgrade
216.08	Installation
216.10	Testing

ACTION: PASSED AS SUBMITTED

Item No. 4	Mr. Reilman	pg. 23

Recurring Special Provision:

309-R-793 LEAN CONCRETE BASE

ACTION: PASSED AS SUBMITTED

Item No. 5	Mr. Reilman	pg. 32

2026 Standard Specifications:

709.05(c) Alternate to Concrete Sealers

ACTION: PASSED AS SUBMITTED

Item No. 6	Mr. Novak	pg. 36

2026 Standard Specifications:

202.03 Removal of Bridges, Culverts, and Other Drainage Structures

ACTION: PASSED AS REVISED

Item No. 7	Mr. Reilman	pg. 42

Recurring Special Provision:

106-C-277 BUILD AMERICA, BUY AMERICA ACT REQUIREMENTS

ACTION: PASSED AS SUBMITTED

Item No. 8	Mr. Reilman	pg. 48

2026 Standard Specifications:

916.03 Sample Forms

ACTION: PASSED AS SUBMITTED

Item No. 9	Mr. Reilman	pg. 52

2026 Standard Specifications:

502.04 Concrete Mix Criteria

ACTION: PASSED AS SUBMITTED

cc: Committee Members
FHWA
ICI

PROPOSAL TO STANDARDS COMMITTEE

PROBLEM(S) ENCOUNTERED: Settlement of backfill in pipe trenches when coarse aggregate is used as backfill. Coarse aggregate without geotextile is currently being used between in situ soil and box culverts.

PROPOSED SOLUTION: Add geotextile to be placed between the in situ soil and the No. 8 coarse aggregate layer before setting the box culvert sections to line and grade.

APPLICABLE STANDARD SPECIFICATIONS: none

APPLICABLE STANDARD DRAWINGS: none

APPLICABLE DESIGN MANUAL SECTION:

APPLICABLE SECTION OF GIFE:

APPLICABLE RECURRING SPECIAL PROVISIONS: revise 714-R-801

PAY ITEMS AFFECTED: none

APPLICABLE SUB-COMMITTEE ENDORSEMENT: Ad hoc: Joe Novak, Jim Reilman, Nayyar Siddiki

IF APPROVED AS RECURRING SPECIAL PROVISION OR PLAN DETAILS, PROPOSED BASIS FOR USE: keep the existing BFU for 714-R-801

IMPACT ANALYSIS (attach report):

Submitted By: Jim Reilman

Title: State Materials Engineer

Organization: INDOT

Phone Number: (317) 522-9692

Date: 5/7/26

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? N/A

Construction time? N/A

Customer satisfaction? Yes

Congestion/travel time? N/A

Ride quality? Yes

Will this proposal reduce operational costs or maintenance effort? Yes

Will this item improve safety:

For motorists? Yes

For construction workers? N/A

Will this proposal improve quality for:

Construction procedures/processes? Yes

Asset preservation? Yes

Design process? N/A

Will this change provide the contractor more flexibility? N/A

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

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

Is this proposal needed for compliance with:

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:

Link to currently used RSP:
https://www.in.gov/dot/div/contracts/standards/rsp/sep25/700/714-R-801%20251201.pdf

714-R-801 REINFORCED CONCRETE BOX STRUCTURES

(Adopted 06-19-25)

The Standard Specifications are revised as follows:

SECTION 714, LINE 23, DELETE AND INSERT AS FOLLOWS:

Geotextile*, Type 2A* ..... 918.02(~~b~~*a*)

SECTION 714, BEGIN LINE 209, INSERT AS FOLLOWS:

714.05 Erection Requirements

The soils in the bottom of the excavation shall be compacted in accordance with 203.23. *Geotextile shall be placed on top of the in-situ soil in accordance with 616.11.*

An 8 in. layer of coarse aggregate No. 8 in accordance with 301 shall be placed under the full width of the ~~footing~~*box structure*. All cast-in-place footings shall be given a smooth float finish. The footing concrete shall reach a compressive strength of 2,000 psi or flexural strength in accordance with 702.24(c) before placement of the wingwalls. The surface shall not vary more than 1/4 in. in 10 ft if tested with a 10 ft straightedge.

SECTION 714, BEGIN LINE 241, INSERT AS FOLLOWS:

(b) Wingwall Placement

Each wingwall that is not precast as one unit with the footing shall be set on *high strength plastic,* masonite*,* or steel shims. A minimum gap of 1/2 in. shall be provided between the footing and the bottom of each wingwall. Once the wingwalls are placed, the space underneath the wingwall section to the top of the keyway sides shall be filled with prepackaged grout in accordance with ASTM C1107, or conventional or self-consolidating fine grout in accordance with ASTM C476, except as modified herein. If conventional fine grout is used, it shall be troweled into the keyway and mounded on one side of the wingwall. The mound of conventional fine grout shall be vibrated until it passes through to the other side of the wingwall. After completing this process on one side, if the conventional fine grout has not passed through to the other side, the process shall be repeated on the other side. Conventional or self-consolidating fine grout shall be from a prepackaged source or composed of one of the following mixtures.

SECTION 714, BEGIN LINE 398, DELETE AND INSERT AS FOLLOWS:

Geotextiles ~~and~~*when used with* riprap, *and geotextiles used under coarse aggregate No. 8,* will be measured in accordance with 616.12. Structure backfill will be measured in accordance with 211.09. Flowable backfill will be measured in accordance with 213.08. Field drilled holes will be measured in accordance with 702.27.

SECTION 714, BEGIN LINE 424, DELETE AND INSERT AS FOLLOWS:

Geotextiles ~~or~~*when used with* riprap will be paid for in accordance with 616.13. *Geotextiles used under coarse aggregate No. 8 will be paid for as Geotextile for Riprap, Type 2A in accordance with 616.13.* Structure backfill will be paid for in accordance with

REVISION TO SPECIAL PROVISIONS

714-R-801 REINFORCED CONCRETE BOX STRUCTURES

211.10. Flowable backfill will be paid for in accordance with 213.09. Field drilled holes will be paid for in accordance with 702.28.

COMMENTS AND ACTION

714-R-801 REINFORCED CONCRETE BOX STRUCTURES

DISCUSSION:
This item was introduced and presented by Mr. Reilman who stated that there has been settlement of backfill in pipe trenches when coarse aggregate without geotextile is used as backfill, which is currently being used between in situ soil and box culverts.

Mr. Reilman proposed to add language requiring geotextile to be placed between the in situ soil and the No. 8 coarse aggregate layer before setting the box culvert sections to line and grade.

Mr. Koch stated that he is not opposed to installing geotextiles under 8 in. of No. 8 stone, yet this is a bedding layer. In my option geotextiles are not needed as the relative void volume is minimal provided a densely graded material is installed as backfill which will plug most of the voids. If a coarse graded aggregate, entire trench No. 8's, is used for structure backfill, ideally the entire trench would also receive geotextiles.

In response to a question from Mr. White, Mr. Reilman proposed a minor revision to 714.05 as shown above.

Pending further review, Mr. Reilman withdrew this item. Mr. Reilman invited any comments and volunteers for the focus group to discuss this item. Feel free to reach out to Mr. Reilman at your convenience.

Motion: Mr. Second: Mr. Ayes: Nays: FHWA Approval:	**Action:** ___ Passed as Submitted ___ Passed as Revised _X_ Withdrawn
2026 Standard Specifications Sections: 714 pp. 733 -744. Recurring Special Provisions or Plan Details: 714-R-801 REINFORCED CONCRETE BOX STRUCTURES Standard Drawing affected: NONE Design Manual Chapter: NONE GIFE Section: NONE	___ 2028 Standard Specifications ___ Revise Pay Items List ___ Notification to Designers if change is not addressed by RSP ___ Create RSP (No.___) Effective: __ Revise RSP (No.___) Effective: ___ Standard Drawing Effective: ___ Create RPD (No. ___) Effective: ___ GIFE Update ___ Frequency Manual Update ___ AWP Update

PROPOSAL TO STANDARDS COMMITTEE

PROBLEM(S) ENCOUNTERED: Settlement of pipe trenches has been observed on projects, seemingly starting when a requirement to use geotextile was removed.

PROPOSED SOLUTION: Reinstate the requirement to use geotextile when using coarse aggregate backfill

APPLICABLE STANDARD SPECIFICATIONS: 715

APPLICABLE STANDARD DRAWINGS: none

APPLICABLE DESIGN MANUAL SECTION:

APPLICABLE SECTION OF GIFE:

APPLICABLE RECURRING SPECIAL PROVISIONS: revise existing 715-R-809

PAY ITEMS AFFECTED: none

APPLICABLE SUB-COMMITTEE ENDORSEMENT: Ad hoc: Joe Novak, Jim Reilman, Nayyar Siddiki

IF APPROVED AS RECURRING SPECIAL PROVISION OR PLAN DETAILS, PROPOSED BASIS FOR USE: keep existing BFU for 715-R-809

IMPACT ANALYSIS (attach report):

Submitted By: Jim Reilman

Title: State Materials Engineer

Organization: INDOT

Phone Number: (317) 522-9692

Date: 5/7/26

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

Will this proposal reduce operational costs or maintenance effort? Yes

Will this item improve safety:

For motorists? Yes
For construction workers? N/A

Will this proposal improve quality for:

Construction procedures/processes? Yes
Asset preservation? Yes
Design process? N/A

Will this change provide the contractor more flexibility? N/A

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

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

Is this proposal needed for compliance with:

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:

715-R-809 PIPE CULVERTS, AND STORM AND SANITARY SEWERS

(Adopted 11-19-25)

The Standard Specifications are revised as follows:

SECTION 715, BEGIN LINE 25, DELETE AND INSERT AS FOLLOWS:

Materials shall be in accordance with the following:

B Borrow	904.06*
Concrete	702
Flowable Backfill	213
Geotextiles*, Type 2A*	918.02*(a)*
Pipe Joint Sealant	907.11

SECTION 715, BEGIN LINE 42, DELETE AND INSERT AS FOLLOWS:

(a) Type 1 Pipe

Type 1 pipe shall be used for culverts under mainline pavement and public road approaches and shall be in accordance with the following:

Clay Pipe, Extra Strength	907.08
Corrugated Aluminum Alloy Pipe and Pipe-Arches	[B]
Corrugated Polyethylene Pipe, Type S	[A]
Corrugated Polypropylene Pipe	[A]
Corrugated Steel Pipe and Pipe-Arches	[B]
Non-Reinforced Concrete Pipe, Class 3	907.01
Polymer Precoated Galvanized Corrugated Steel Pipe and Pipe-Arches	[B]
~~Profile Wall Polyethylene Pipe, Closed~~	~~[A]~~
~~Profile Wall Polyethylene Pipe, Ribbed~~	~~[A]~~
Profile Wall PVC Pipe	[A]
Reinforced Concrete Horizontal Elliptical Pipe	907.03
Reinforced Concrete Pipe	907.02
~~Smooth Wall Polyethylene Pipe~~	~~[A]~~
~~Smooth Wall PVC Pipe~~	~~[A]~~
Spiral Rib Steel Pipe	[B]
Structural Plate Pipe and Pipe-Arches	908.09

[A] ~~All t~~*T*hermoplastic pipes shall be from the QPL of Thermoplastic Pipe and Liner Pipe Sources in accordance with 907.16.

[B] Metal pipes shall be from the QPL of Metal Pipe Sources in accordance with 908.01.

(b) Type 2 Pipe

Type 2 pipe shall be used for storm sewers and shall be in accordance with the following:

Clay Pipe, Extra Strength 907.08
Corrugated Polyethylene Pipe, Type S ..... [A]
Corrugated Polypropylene Pipe ..... [A]
Fully Bituminous Coated and Lined Corrugated
Steel Pipe and Pipe-Arches ..... [B]
Non-Reinforced Concrete Pipe, Class 3 ..... 907.01
Polymer Precoated Galvanized Corrugated Steel
Pipe and Pipe-Arches Type IA and Type IIA ..... [B]
~~Profile Wall Polyethylene Pipe, Closed ..... [A]~~
~~Profile Wall Polyethylene Pipe, Ribbed ..... [A]~~
Profile Wall PVC Pipe ..... [A]
Reinforced Concrete Horizontal Elliptical Pipe 907.03
Reinforced Concrete Pipe 907.02
~~Smooth Wall Polyethylene Pipe ..... [A]~~
~~Smooth Wall PVC Pipe ..... [A]~~

[A] ~~All t~~*T*hermoplastic pipes shall be from the QPL of Thermoplastic Pipe and Liner Pipe Sources in accordance with 907.16.

[B] Metal pipes shall be from the QPL of Metal Pipe Sources in accordance with 908.01.

SECTION 715, BEGIN LINE 98, DELETE AND INSERT AS FOLLOWS:

(d) Type 4 Pipe

Type 4 pipe shall be used for drain tile and longitudinal underdrains and shall be in accordance with the following:

Clay Pipe* 907.08
Corrugated Polyethylene Drainage Tubing ..... [A]
Corrugated Polyethylene Pipe, Type S* ..... [A]
Corrugated Polyethylene Pipe, Type SP ..... [A]
Drain Tile* 907.10
Non-Reinforced Concrete Pipe 907.01
Perforated Clay Pipe* 907.09
~~Perforated PVC Semicircular Pipe ..... [A]~~
Profile Wall PVC Pipe ..... [A]

[A] ~~All t~~*T*hermoplastic pipes shall be from the QPL of Thermoplastic Pipe and Liner Pipe Sources in accordance with 907.16.

[*] These materials shall be used for drain tiles only.

(e) Type 5 Pipe

Type 5 pipe shall be used for broken-back pipe runs where coupled or jointed pipe is desirable and shall be in accordance with the following:

Corrugated Aluminum Alloy Pipe and Pipe-Arches ..... [B]
Corrugated Polyethylene Pipe, Type S ..... [A]
Corrugated Polypropylene Pipe ..... [A]
Corrugated Steel Pipe and Pipe-Arches ..... [B]
Fully Bituminous Coated and Lined Corrugated

Steel Pipe and Pipe-Arches..... [B]
Polymer Precoated Galvanized Corrugated
Steel Pipe and Pipe-Arches..... [B]
~~Profile Wall Polyethylene Pipe, Closed..... [A]~~
~~Profile Wall Polyethylene Pipe, Ribbed..... [A]~~
Profile Wall PVC Pipe..... [A]
~~Smooth Wall Polyethylene Pipe..... [A]~~
~~Smooth Wall PVC Pipe..... [A]~~
Spiral Rib Steel Pipe..... [B]

[A] ~~All t~~Thermoplastic pipes shall be from the QPL of Thermoplastic Pipe and Liner Pipe Sources in accordance with 907.16.

[B] Metal pipes shall be from the QPL of Metal Pipe Sources in accordance with 908.01.

SECTION 715, BEGIN LINE 148, DELETE AND INSERT AS FOLLOWS:

(h) End Bent Drain Pipe

End bent drain pipe shall be ~~perforated profile wall PVC pipe, perforated smooth wall PVC pipe, or corrugated polyethylene drainage tubing Type SP from the QPL of Thermoplastic Pipe and Liner Pipe Sources in accordance with 907.16.~~*one of the following:*

Pipe Material Type	*In accordance with:*
Corrugated Polyethylene Drainage Tubing, Type SP	*907.17(a)*
Perforated Profile Wall PVC	*907.22*
Perforated Smooth Wall PVC	*907.23*

(i) Underdrain Outlet Pipe

Pipe for underdrain outlets and drain tile outlets shall be ~~PSM PVC pipe, profile wall PVC pipe, smooth wall polyethylene pipe, or smooth wall PVC pipe from the QPL of Thermoplastic Pipe and Liner Pipe Sources in accordance with 907.16 and 907.24. Schedule 40 PVC pipe in accordance with 907.24(b) is also allowable.~~*one of the following:*

Pipe Material Type	*In accordance with:*
Profile Wall PVC	*907.22*
PVC Plastic Pipe, Schedule 40	*907.24(b)*
Smooth Wall Polyethylene	*907.21*
Smooth Wall PVC	*907.23*
Type PSM PVC	*907.24(a)*

(j) Grated Box End Sections

Grating for box end sections shall be in accordance with 910.22. Threaded inserts for Type II grated box end sections shall have a minimum pull-out capacity of 6,000 lb. The 1/2 in. round bolts shall have hex heads, cut washers, and where necessary, shall be

furnished with the grating. The aggregate leveling bed required for precast units shall be coarse aggregate No. 8 in accordance with 904.03.

The hardware cloth used to cover the weep holes ~~may~~*shall* be plastic with 1/4 in. mesh or galvanized steel wire No. 4 mesh with a minimum wire diameter of 1/32 in. It shall be firmly anchored to the outside of the structure and shall be centered on the holes.

A Type C certification in accordance with 916 shall be provided for the materials in this section unless otherwise specified.

SECTION 715, BEGIN LINE 186, DELETE AND INSERT AS FOLLOWS:

(m) Drainage Pipe through Concrete Masonry

Pipe used as drainage pipe through concrete masonry as described in 702.16 shall be ~~either profile wall or smooth wall PVC from the QPL of Thermoplastic Pipe and Liner Pipe Sources in accordance with 907.16, or steel in accordance with 908.1.~~*one of the following:*

Pipe Material Type	*In accordance with:*
Profile Wall PVC	*907.22*
Smooth Wall PVC	*907.23*
Steel	*908.11*

SECTION 715, BEGIN LINE 351, INSERT AS FOLLOWS:

Where material other than structure backfill is allowed and used for backfilling, it shall be of such nature that compacts readily. The portion around and for 6 in. above the top of the pipe shall be free from large stones. The material shall be placed in layers not exceeding 6 in. loose measurement, and each layer shall be compacted thoroughly by means of mechanical tamps. *Where coarse aggregate is used for structure backfill, geotextile shall be installed.*

SECTION 715, BEGIN LINE 399, DELETE AND INSERT AS FOLLOWS:

After the visual or video inspection, the Contractor shall check pipe deflection by performing a mandrel test as directed on pipes manufactured from materials listed in the following table. The Engineer will determine the runs of pipe installations to be mandrel tested with a minimum of 10% of the total length of each material to be inspected.

PIPES REQUIRING MANDREL TESTING	
Pipe Material	Standard Specifications
Corrugated Polyethylene Pipe*	907.17(b)
Corrugated Polypropylene Pipe	907.19
~~Profile Wall Polyethylene Pipe~~	~~907.20~~
~~Smooth Wall Polyethylene Pipe~~	~~907.21~~
Profile Wall PVC Pipe*	907.22

~~Smooth Wall PVC Pipe~~	~~907.23~~
* When used as underdrain pipe, mandrel testing will not be required.	

SECTION 907, BEGIN LINE 212, DELETE AND INSERT AS FOLLOWS:

907.16 Thermoplastic Pipe Requirements

A QPL of Thermoplastic Pipe and Liner Pipe Sources will be maintained by the Department. The QPL will specify the manufacturer and thermoplastic pipe designation.

All of these materials shall comply with the applicable AASHTO or ASTM requirements listed in the following table and will only be accepted from qualified manufacturers. The manufacturer is defined as the plant which produces thermoplastic pipe. The manufacturer shall become qualified by establishing a history of satisfactory quality control of these materials as evidenced by the test results performed by the manufacturer's testing laboratory.

SUMMARY OF THERMOPLASTIC PIPE SPECIFICATION REQUIREMENTS				
Pipe Material	**Standard Specification**	**AASHTO**	**ASTM**	**Manufacturer Requirement**
Corrugated Polyethylene Drainage Tubing	907.17(a)	M 252		ITM 806, Procedure O
Corrugated Polyethylene Pipe	907.17(b)	M 294*		ITM 806, Procedure O
Corrugated Polypropylene Pipe	907.19	M 330		ITM 806, Procedure O
Perforated PVC Semicircular Pipe	907.18		D3034	~~ITM 806, Procedure A~~*916, Type D certification*
Profile Wall HDPE Liner Pipe	907.25(b)		F894	~~ITM 806, Procedure A or~~ 916, Type A ~~C~~*c*ertification
Profile Wall PVC Liner Pipe	907.25(c)		F949	~~ITM 806, Procedure A or~~ 916, Type A ~~C~~*c*ertification
Profile Wall PVC Pipe	907.22 907.24(c)	M 304		ITM 806, Procedure O
Profile Wall Polyethylene Pipe	907.20		F894	~~ITM 806, Procedure A~~*916, Type D certification*
PVC Plastic Pipe, Schedule 40	907.24(b)		D1785	916, Type C ~~C~~*c*ertification
Slotted Vane Drain Pipe	908.14	M 278	F679	~~ITM 806, Procedure A~~*916, Type D certification*
Smooth Wall Polyethylene Pipe	907.21 907.24(d)		F714	~~ITM 806, Procedure A~~*916, Type D certification*

Smooth Wall PVC Pipe	907.23 907.24(e)	M 278	F679	~~ITM 806, Procedure A~~*916, Type D certification*
Solid Wall HDPE Liner Pipe	907.25(a)		F714	ITM 806, Procedure Q or 916, Type A ~~C~~certification
Type PSM PVC Pipe and Fittings	907.24(a)		D3034	~~ITM 806, Procedure A~~*916, Type D certification*
* Pipe in accordance with AASHTO M 294 shall be manufactured with virgin materials.				

SECTION 907, BEGIN LINE 238, DELETE AND INSERT AS FOLLOWS:

907.18 Perforated PVC Semicircular Pipe

Perforated PVC semicircular pipe may be used as an alternate to 6 in. or less diameter pipe or tile. Pipe shall be in accordance with ASTM D3034, DR 35. This semicircular pipe shall have a smooth top and a smooth, semicircular bottom, nominally 4 5/8 in. in diameter, with perforations uniformly distributed along the top of the bottom section in accordance with AASHTO M 252 perforation requirements. The top section shall extend a minimum of 1/2 in. beyond the top of the semicircular section. The top section shall be approximately 6 3/8 in. wide including the sloping overhangs on each side. ~~Pipe will be considered for inclusion on the QPL by completing the requirements of ITM 806, Procedure A~~*A Type D certification in accordance with 916 shall be provided for the perforated PVC semicircular pipe.*

SECTION 907, BEGIN LINE 254, DELETE AND INSERT AS FOLLOWS:

907.20 Profile Wall Polyethylene Pipe

Pipe and fittings shall be either closed profile or ribbed open profile in accordance with ASTM F894. ~~Pipe will be considered for inclusion on the QPL by completing the requirements of ITM 806, Procedure A~~*A Type D certification in accordance with 916 shall be provided for the profile wall polyethylene pipe*.

907.21 Smooth Wall Polyethylene Pipe

Pipe shall be in accordance with ASTM F714 for nominal diameters of 39 in. or less. Fittings shall be in accordance with ASTM F1055. The pipe sizes shall be in accordance with ISO sizing system. The pipe DR shall be 26 or less. The resin used in manufacturing this type of pipe shall have a minimum cell classification of 335434C in accordance with ASTM D3350 or a minimum grade of PE4710 in accordance with ASTM F714. ~~Pipe will be considered for inclusion on the QPL by completing the requirements of ITM 806, Procedure A~~*A Type D certification in accordance with 916 shall be provided for the smooth wall polyethylene pipe*.

SECTION 907, BEGIN LINE 274, DELETE AND INSERT AS FOLLOWS:

907.23 Smooth Wall PVC Pipe

Pipe and fittings shall be in accordance with AASHTO M 278 for pipe sizes 4 in. through 15 in., and ASTM F679 for pipe sizes 18 in. through 27 in. ~~Pipe will be considered~~

~~for inclusion on the QPL by completing the requirements of ITM 806, Procedure A~~*A Type D certification in accordance with 916 shall be provided for the smooth wall PVC pipe.*

907.24 Pipe for Outlets

Pipe and pipe fittings used for outlets shall be smooth interior wall, unperforated plastic pipe.

(a) Type PSM PVC Pipe and Fittings

Pipe and fittings shall be in accordance with ASTM D3034, DR 23.5. ~~Pipe will be considered for inclusion on the QPL by completing the requirements of ITM 806, Procedure A~~*A Type D certification in accordance with 916 shall be provided for the type PSM PVC pipe and fittings*.

SECTION 907, BEGIN LINE 306, DELETE AND INSERT AS FOLLOWS:

907.25 Thermoplastic Liner Pipe

Thermoplastic liner pipe shall be HDPE or PVC pipe with sufficient rigidity to withstand the installation operation and shall exhibit a minimum amount of distortion. The liner pipe shall be free from visible cracks, holes, foreign inclusions, or other defects. ~~Liner pipe shall be either from the QPL or a Type A certification in accordance with 916 shall be provided for the liner pipe. The results of the tests listed in ITM 804 shall be shown on the certification.~~

(a) Solid Wall HDPE Liner Pipe

Solid wall HDPE liner pipe shall be in accordance with ASTM F714. *Solid wall HDPE liner pipe shall either be selected from a source listed on the QPL of Thermoplastic Pipe and Liner Pipe Sources or a Type A certification in accordance with 916, with the results of the tests listed in ITM 804 shown on the certification, shall be provided for the liner pipe.* The maximum SDR as defined in ASTM F412 for the liner pipe shall be 32.5. The actual calculated minimum DR as defined in ASTM F412 for the liner pipe shall be 30.0. The resin used in the manufacture of the liner pipe shall have a minimum cell classification of 345464C in accordance with ASTM D3350 or a minimum grade of PE4710 in accordance with ASTM F714. A 12 in. section of the liner pipe shall show no evidence of splitting, cracking, or breaking when compressed between parallel plates to 40% of its outside diameter within 2 to 5 minutes. Thermoplastic liner pipe will be considered for inclusion on the QPL by completing the requirements of ITM 806, Procedure Q.

(b) Profile Wall HDPE Liner Pipe

Profile wall HDPE liner pipe shall be in accordance with ASTM F894. *A Type A certification in accordance with 916, with the results of the tests listed in ITM 804 shown on the certification, shall be provided for the liner pipe.* The minimum liner ring stiffness constant, RSC, shall be 160 for circular installations and 250 for deformed installations. ~~Thermoplastic liner pipe will be considered for inclusion on the QPL by completing the requirements of ITM 806, Procedure A.~~

(c) Profile Wall PVC Liner Pipe

Profile wall PVC liner pipe shall be in accordance with ASTM F949. ~~Thermoplastic liner pipe will be considered for inclusion on the QPL by completing the requirements of ITM 806, Procedure A.~~*A Type A certification in accordance with 916, with the results of the tests listed in ITM 804 shown on the certification, shall be provided for the liner pipe.*

COMMENTS AND ACTION

715-R-809 PIPE CULVERTS, AND STORM AND SANITARY SEWERS

DISCUSSION:
Mr. Reilman introduced and presented this item and stated that settlement of pipe trenches has been observed on projects, seemingly starting when a requirement to use geotextile was removed.

Mr. Reilman proposed to reinstate the requirement to use geotextile when using coarse aggregate backfill.

Prior to the meeting….
Mr. Koch express a concern with geotextiles: how can it be installed where trenches are shielded / shored or if MOT would allow for open trench installation? The proposal would drive costs as a contractor would either need to increase neat line, buried costs, or utilize flow fill. Type 2 structure backfill, typically specified, allows for crushed stone or ACBF coarse aggregate or flowable fill. Section 904.03(e) divides coarse aggregate into coarse and dense graded, such as No. 53 and No. 73. As flowable does not require geotextiles, it would seem coarse dense grade aggregate would be similar. Amending the proposed language to 'coarse dense graded aggregate' would allow a contractor to install structures by typical methods with backfill material that will not be overly costly.

Mr. Koch asked, would geotextiles be required for a coarse graded bedding aggregate? Even in-situ sand installations, some contractors elect to bed and backfill to the spring line of pipe prior to backfilling with structure backfill or the same in-situ soil, meets structure backfill, as a method to achieve proper pipe support as No. 8 stone can be tamped into place better than a coarse dense graded material.

Pending further review, Mr. Reilman withdrew this item. Mr. Reilman invited any comments and volunteers for the focus group to discuss this item. Feel free to reach out to Mr. Reilman at your convenience.

Motion: Mr. Second: Mr. Ayes: Nays: FHWA Approval:	**Action:** ___ Passed as Submitted ___ Passed as Revised _X_ Withdrawn
2026 Standard Specifications Sections: 715 pp. 744 -759. Recurring Special Provisions or Plan Details: 715-R-809 PIPE CULVERTS, AND STORM AND SANITARY SEWERS Standard Drawing affected: NONE Design Manual Chapter: NONE GIFE Section: NONE	___ 2028 Standard Specifications ___ Revise Pay Items List ___ Notification to Designers if change is not addressed by RSP ___ Create RSP (No.___) Effective: ___ Revise RSP (No.___) Effective: ___ Standard Drawing Effective: ___ Create RPD (No. ___) Effective: ___ GIFE Update ___ Frequency Manual Update ___ AWP Update

PROPOSAL TO STANDARDS COMMITTEE

PROBLEM(S) ENCOUNTERED: Section 216 was missing information connecting it to ITM 522 along with a few more directional updates being needed.

PROPOSED SOLUTION: Add language that refers to ITM 522.

APPLICABLE STANDARD SPECIFICATIONS: 216

APPLICABLE STANDARD DRAWING: No

APPLICABLE DESIGN MANUAL CHAPTER: No

APPLICABLE SECTION OF GIFE: No

APPLICABLE RECURRING SPECIAL PROVISION OR PLAN DETAILS: create new 216 RSP

PAY ITEMS AFFECTED: No

APPLICABLE SUB-COMMITTEE ENDORSEMENT: Ad Hoc committee consisting of Nayyar Siddiki and Samuel Clawson

IF APPROVED AS RECURRING SPECIAL PROVISION OR PLAN DETAILS, PROPOSED BASIS FOR USE: All contracts with a 216 pay item

IMPACT ANALYSIS (attach report):

Submitted By: Jim Reilman for Nayyar Siddiki

Title: State Materials Engineer

Division: Materials and Tests

E-mail: Jreilman@INDOT.IN.GOV

Date: 5/22/2026

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 Qualified Products List (QPL)? Yes
Will this proposal improve:

- Construction costs? N/A
- Construction time? N/A
- Customer satisfaction? Yes
- 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:

- For motorists? N/A
- For construction workers? N/A

Will this proposal improve quality for:

- Construction procedures/processes? Yes
- Asset preservation? N/A
- Design process? 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? N/A

Is this proposal needed for compliance with:

- 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:

The Standard Specifications are revised as follows:

SECTION 216, BEGIN LINE 39, INSERT AS FOLLOWS:

(a) CCF Cast Density

The density shall be monitored at the point of placement at hourly intervals during placement *in accordance with ITM 522*. Adjustments shall be made as necessary to maintain the specified cast density, ±10%. If two consecutive test results fail, operations shall cease and corrective action taken before placement of the CCF resumes.

(b) Foam Density

Foam density shall be tested twice during each 24 h period for each mixer *in accordance with ITM 522*. The foam density shall be within 10% of the target provided in the approved mix design.

SECTION 216, BEGIN LINE 59, DELETE AND INSERT AS FOLLOWS:

216.07 *Foundation* Preparation ~~of Subgrade~~

The ~~subgrade~~*foundation* shall be prepared in accordance with 20~~7~~*3 or as directed*. All standing water shall be removed prior to placement of CCF.

216.08 Installation

CCF shall be proportioned, mixed, and placed in lifts ~~as recommended by the manufacturer~~*in accordance with ITM 522*. Transit mixers will not be acceptable for mixing the CCF.

Three DCP tests for every 500 sq ft section will be performed. DCP testing will be in accordance with ITM 509 *and ITM 522*. The CCF shall not be subjected to load or disturbed by construction activities until the average DCP blow count from three tests on a section is at least 10 per 12 in. depth. *The subsequent CCF lift shall not be placed on the CCF when DCP blow counts are 5 or less per 12 in. ~~on~~at any location.*

The final surface finish shall be within ±0.1 ft of the plan elevation.

SECTION 216, BEGIN LINE 79, DELETE AND INSERT AS FOLLOWS:

216.10 Testing

Acceptance of the work will be based on successful test results for *cast density and* compressive strength.

The Contractor shall cast *and cure* four specimens for each lot *in accordance with ITM 522*. ~~Testing of the specimens will be in accordance with ASTM C495, except test specimens shall be covered immediately after casting. The specimens shall be moist cured for 26 days and then air cured for two days prior to the compressive strength testing. The specimens shall not be oven dried.~~ Test specimens will become the property of the Department after curing and will be tested at 28 days *in accordance with ITM 522*.

COMMENTS AND ACTION

216.04 Properties and Tests
216.07 Preparation of Subgrade
216.08 Installation
216.10 Testing

DISCUSSION:
This item was introduced and presented by Mr. Reilman who mentioned that Standard Specifications Section 216 lacks the necessary cross-references connecting it to ITM 522, and that further directional revisions are required.

Mr. Reilman proposed to add language that refers to ITM 522. Minor editorial revisions were made by Mr. Reilman.

There was no further discussion and this item passed as submitted.

Motion: Mr. Reilman Second: Mr. Novak Ayes: 10 Nays: 0 FHWA Approval: YES	**Action:** _X_ Passed as Submitted __ Passed as Revised __ Withdrawn
2026 Standard Specifications Sections: 216 pp. 252 - 255 Recurring Special Provisions or Plan Details: NONE Standard Drawing affected: NONE Design Manual Chapter: NONE GIFE Section: NONE	_X_ 2028 Standard Specifications __ Revise Pay Items List __ Notification to Designers if change is not addressed by RSP _X_ Create RSP (No. 216-R-824) Effective: December 1, 2026 __ Revise RSP (No.__) Effective: __ Standard Drawing Effective: __ Create RPD (No. __) Effective: __ GIFE Update _X_ Frequency Manual Update __ AWP Update

PROPOSAL TO STANDARDS COMMITTEE

PROBLEM(S) ENCOUNTERED: Type I cement was omitted from the allowable types of cement in the materials section.

PROPOSED SOLUTION: Revise the RSP to allow any of the cements listed in 901.01(b) to be used.

APPLICABLE STANDARD SPECIFICATIONS: 309

APPLICABLE STANDARD DRAWINGS: None

APPLICABLE DESIGN MANUAL SECTION: None

APPLICABLE SECTION OF GIFE: None

APPLICABLE RECURRING SPECIAL PROVISIONS: revise RSP 309-R-793

PAY ITEMS AFFECTED: None

APPLICABLE SUB-COMMITTEE ENDORSEMENT: Ad hoc: David McManaway, Michael Nelson, Jim Reilman

IF APPROVED AS RECURRING SPECIAL PROVISION OR PLAN DETAILS, PROPOSED BASIS FOR USE: continue with existing BFU for RSP 309-R-793

IMPACT ANALYSIS (attach report):

Submitted By: Jim Reilman

Title: State Materials Engineer

Organization: INDOT

Phone Number: (317) 522-9692

Date: 5/22/26

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? Yes
Construction time? N/A
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:

For motorists? N/A
For construction workers? N/A

Will this proposal improve quality for:

Construction procedures/processes? Yes
Asset preservation? Yes
Design process? 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? N/A

Is this proposal needed for compliance with:

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:

309-R-793 LEAN CONCRETE BASE

(Revised 05-01-25)

The Standard Specifications are revised as follows:

SECTION 309, BEGIN LINE 1, DELETE AND INSERT AS FOLLOWS:

SECTION 309 - ~~BLANK~~*LEAN CONCRETE BASE*

309.01 Description

This work shall consist of placing Lean Concrete Base, LCB, material on subgrade as the subbase material in accordance with 105.03.

MATERIALS

309.02 Materials

Materials shall be in accordance with the following:

Admixtures 912.03*
Calcium Chloride, Type L 913.02
Cement ..... 901.01(b)
*Concrete Coarse Aggregate, Class A or Higher***
Size No. 8, ... 904, ITM 226
Fine Aggregate, Size No. 23 ..... 904.02(a)
~~*Portland Cement, Type IL or Type III ..... 901.01(b)*~~
Water 913.01

* *Other admixtures that improve flowability or decrease setting time may be used as approved by the Engineer.*

** *Crushed stone only.*

309.03 Lean Concrete Base Mix Design

The LCB mix shall be proportioned to produce a workable mixture with the properties listed in the table below. Aggregate weights shall be based on saturated surface dry, SSD, conditions. The batch water shall be adjusted to account for moisture in the aggregates. The mix design shall be submitted a minimum of 7 calendar days prior to the trial batch and include the following:

(a) list of all materials
(b) source of all materials
(c) batch weights
(d) names of all admixtures.

Materials and Properties	*Requirements*
~~*Portland*~~ *Cement Content, lb/cu yd*	*155* ~~*max.*~~
Fine Aggregate, lb/cu yd	*1,744*

Coarse Aggregate, lb/cu yd	*1,931*
Water, lb/cu yd	*195*
High Range Water Reducing Admixture, Type F	*Dosage as required to achieve flow for placement*
Entrained Air, %	*9 - 15*
Compressive strength @ 28 days, psi, ASTM C39	*150 min. – 600 max.*
Slump, in.	*As required for placement*

309.04 Trial Batch

A trial batch shall be produced by the Contractor and will be tested to verify that the mix design meets the criteria as stated in 309.03.

The trial batch shall be of sufficient quantity to allow the Department to perform all required tests from the same batch. The LCB material shall be batched within the proportioning tolerances of 508.02(b) except that admixture dosages may be modified from the targets shown on the mix design submittal to achieve the target air content and desired flow consistency.

The mixture may be tempered with admixtures shown on the mix design within 30 minutes of the original batch time. The LCB mixture shall flow freely from the truck by gravity with a minimum of three chutes. Flow consistency will be based on visual assessment and as needed for field placement.

The Department will determine the test results for air content of the plastic mixture and 28-day compressive strength of the hardened LCB. A minimum of four 6 in. by 12 in. cylinders will be made and tested in accordance with 702.24. The cylinders will be cured in standard conditions in accordance with AASHTO R 100, Section 10.1. All test results will be provided to the Contractor.

309.05 Job Control

LCB material will be tested for air content once per 50 cu yds. One set of three 6 in. by 12 in. cylinders for compressive testing at 28 days will be made during each day of production. The cylinders will be cured in standard conditions in accordance with AASHTO R 100, Section 10.1. The Engineer will notify the Contractor when test results for air content or compressive strength are outside the requirements of 309.03.

CONSTRUCTION REQUIREMENTS

309.06 Placement

Prior to placement, the Contractor shall ensure that the total depth of the patch area is sufficient to allow for placement of the depths for both the LCB material and overtopping material. The subgrade shall be sufficiently damp prior to placement. Dry subgrade material shall be wetted to a damp condition without creating ponding of water or mud. LCB material shall not be placed in standing water or on frozen ground and shall be protected from freezing for 72 h or until the overtopping material is placed.

The LCB material shall be placed to a depth of 9 in. When directed by the Engineer to perform additional undercutting below 9 in. due to unsuitable existing subgrade material, the maximum depth of the additional undercutting will be 6 in. The Contractor shall ensure that there is sufficient depth remaining above the LCB surface to accommodate the required thickness of the overtopping material. During placement, the LCB material shall be compacted with internal vibration. After placement, a liquid membrane forming curing compound shall be applied within 30 minutes in accordance with 702.22(b) and shall have a final appearance similar to a white sheet of paper.

Plastic sheeting, a minimum of 3 mils thick, shall be placed on the LCB surface as a debonding layer between the LCB and the overtopping material.

The overtopping material may be placed on top of the LCB as soon as placement can be performed without deformation of the LCB.

309.07 Method of Measurement

Lean concrete base will be measured by the square yard.

309.08 Basis of Payment

Lean concrete base will be paid for at the contract unit price per square yard, complete in place.

Payment will be made under:

Pay Item	***Pay Unit Symbol***
Lean Concrete Base, 9 in.	*SYS*

The cost of variations in admixture dosage rates, the addition of calcium, other changes to the production mix that occur after the trial batch, liquid membrane forming compound, plastic sheeting, and all other incidentals necessary to construct the LCB shall be included in the cost of the LCB pay item.

The cost of excavation, disposal of existing materials, and preparation of the subgrade prior to placement of the LCB shall be included in the cost of the LCB pay item.

When directed by the Engineer, LCB areas requiring excavation between 9 in. and 15 in. depth will be paid for by multiplying the quantity for LCB, 9 in. by 1.5.

LCB placed thicker than 9 in. due to variations in depth of excavations by the Contractor, will only be paid for at the initial 9 in. depth. Any additional thickness will not be paid.

SECTION 609, BEGIN LINE 28, INSERT AS FOLLOWS:

609.03 General Requirements

REVISION TO SPECIAL PROVISIONS

309-R-793 LEAN CONCRETE BASE

Subgrade shall be prepared in accordance with 207. Subbase shall be prepared in accordance with 302. Geotextile shall be installed in accordance with 214. *LCB when shown on the plans shall be in accordance with 309 and as follows.*

Two layers of polyethylene plastic sheeting shall be placed on top of the LCB as a debonding layer between the LCB and the RCBA. Preformed expansion joint filler 3 in. in thickness shall be placed along the notch between the sloped edge of LCB and the thickened portion of the RCBA. The RCBA may be placed on top of the LCB as soon as placement of the reinforcing steel and concrete can be performed without deformation of the LCB. When the LCB is placed adjacent to semi-integral or fully integral end bents, 3 in. of preformed expansion joint filler shall be placed between the bent and the vertical edge of the LCB.

COMMENTS AND ACTION

309-R-793 LEAN CONCRETE BASE

DISCUSSION:
Mr. Reilman introduced and presented this item stating that Type I cement was omitted from the allowable types of cement in the materials section of RSP 309-R-793. Mr. Reilman proposed to revise the RSP to allow any of the cements listed in 901.01(b) to be used.

Prior to the meeting:
Mr. Koch asked, if we require a contractor to provide an exact mix, what happens if the compressive testing fails? Are we solely relying on admixtures to account for variations and achieve the stated thresholds?

Mr. Nelson responded that the cement content is evolving, and we are still trying to find the sweet spot with this spec. Mr. Nelson described the details concerning this issue, and that the good news is that LCB does generally appear to be performing well and solving our past subgrade problems, but we need to continue to gather strength data so that we can make sure the spec is correct.

Mr. Koch asked, if we are generally on the low strength side, should the 155 lb/cu yd of cement include 'min'? Even if the strength is low and the batch weights depict that the specification was followed, are test requests even required as the recipe was followed? Could the acceptance be simplified, such as no trial batch and acceptance testing, and thus overall be cheaper? Mr. Reilman respond that we don't want it to go high, or low, and suggested we leave it as presented in the table, with no variance. Mr. Koch concurred that this is just data collection at this point.

There was no further discussion and this item passed as submitted.

Motion: Mr. Reilman
Second: Mr. Dave
Ayes: 10
Nays: 0
FHWA Approval: YES

Action:

X Passed as Submitted
___ Passed as Revised
___ Withdrawn

2026 Standard Specifications Sections:
NONE

Recurring Special Provisions or Plan Details:
309-R-793 LEAN CONCRETE BASE

Standard Drawing affected:
NONE

Design Manual Chapter:
NONE

GIFE Section:
NONE

___ 2028 Standard Specifications
___ Revise Pay Items List
___ Notification to Designers if change is not addressed by RSP

___ Create RSP (No.___)
Effective:

X Revise RSP (No. 309-R-793)
Effective: December 1, 2026

___ Standard Drawing
Effective:

___ Create RPD (No. ___)
Effective:

___ GIFE Update
X Frequency Manual Update
___ AWP Update

PROPOSAL TO STANDARDS COMMITTEE

PROBLEM(S) ENCOUNTERED: Terminal lugs should be removed

PROPOSED SOLUTION: delete terminal lugs from 709.05(c)

APPLICABLE STANDARD SPECIFICATIONS: 709.05(c)

APPLICABLE STANDARD DRAWINGS: None

APPLICABLE DESIGN MANUAL SECTION: None

APPLICABLE SECTION OF GIFE: None

APPLICABLE RECURRING SPECIAL PROVISIONS: create new 709 RSP

PAY ITEMS AFFECTED: none

APPLICABLE SUB-COMMITTEE ENDORSEMENT: Ad hoc: Michael Nelson, Jim Reilman

IF APPROVED AS RECURRING SPECIAL PROVISION OR PLAN DETAILS, PROPOSED BASIS FOR USE:
Required for all contracts, except mowing, herbicide, sweeping, light bulb replacement or tree removal/trimming.

IMPACT ANALYSIS (attach report):

Submitted By: Jim Reilman

Title: State Materials Engineer

Organization: INDOT

Phone Number: (317) 522-9692

Date: 5/22/26

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? N/A
- Construction time? N/A
- 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:

- For motorists? N/A
- For construction workers? N/A

Will this proposal improve quality for:

- Construction procedures/processes? N/A
- Asset preservation? N/A
- Design process? N/A

Will this change provide the contractor more flexibility? N/A

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

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

Is this proposal needed for compliance with:

- 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:

The Standard Specifications are revised as follows:

SECTION 709, BEGIN LINE 81, DELETE AS FOLLOWS:

(c) Alternate to Concrete Sealers

In lieu of concrete surface sealing for concrete barrier wall, ~~terminal joint lugs,~~ pier and bent caps, bridge railing, and bridge railing transitions, an alternate concrete mix design may be used.

The concrete mix design shall be as specified, except either 3% silica fume by weight of cementitious material shall be added to the mix design or 30% slag cement substitution based on the required cement content shall be incorporated into the mix. The substitution of slag cement shall be in accordance with 702.05. A water-reducing admixture or a water-reducing retarding admixture shall be used in the mix design, and the amount of water added shall be adjusted accordingly. The use of these admixtures shall be in accordance with 702.05.

When one of these alternate concrete mix designs are used in lieu of a concrete surface sealer, a finish in accordance with 702.21 will be required.

COMMENTS AND ACTION

709.05(c) Alternate to Concrete Sealers

DISCUSSION:
Mr. Reilman introduced and presented this item stating that terminal lugs should be removed from the language in 709. The appearance of terminal lugs in 709.05(c) gives the impression that the use of slag cement or silica fume is optional. It is not optional. Section 702 requires the use of slag cement or silica fume, but 709.05(c) leaves the use of these two products as an option, assuming they otherwise want to surface seal the terminal lugs.

Mr. Reilman proposed to delete terminal lugs from 709.05(c).

There was no further discussion and this item passed as submitted.

Motion: Mr. Reilman
Second: Mr. Koch
Ayes: 10
Nays: 0
FHWA Approval: YES

Action:

X Passed as Submitted
___ Passed as Revised
___ Withdrawn

2026 Standard Specifications Sections:
709.05 pg. 689.

Recurring Special Provisions or Plan Details:
NONE

Standard Drawing affected:
NONE

Design Manual Chapter:
NONE

GIFE Section:
NONE

X 2028 Standard Specifications
___ Revise Pay Items List
___ Notification to Designers if change is not addressed by RSP

X Create RSP (No. 709-R-826)
Effective: December 1, 2026

___ Revise RSP (No.___)
Effective:

___ Standard Drawing
Effective:

___ Create RPD (No. ___)
Effective:

___ GIFE Update
___ Frequency Manual Update
___ AWP Update

PROPOSAL TO STANDARDS COMMITTEE

PROBLEM(S) ENCOUNTERED: Section 202.03 discusses demolition of structures but only provides for safeguarding the debris in 202.03(b) when portions of the structure are removed.

PROPOSED SOLUTION: This proposal will require the contractor to provide containment of debris during demolition operations on structures over waterways to prevent debris from entering the waterway. This will also require any debris that may enter the waterway to be removed by the end of each working day. The requirement for debris management is moved to 202.03 prior to 202.03(a) to apply to both Complete and Portions removal operations.

APPLICABLE STANDARD SPECIFICATIONS: 202.03

APPLICABLE STANDARD DRAWING: None

APPLICABLE DESIGN MANUAL CHAPTER: None

APPLICABLE SECTION OF GIFE: None

APPLICABLE RECURRING SPECIAL PROVISION OR PLAN DETAILS: None

PAY ITEMS AFFECTED: None

APPLICABLE SUB-COMMITTEE ENDORSEMENT: Ad hoc group of Tom Harris, Greg Couch

IF APPROVED AS RECURRING SPECIAL PROVISION OR PLAN DETAILS, PROPOSED BASIS FOR USE: All contracts with a 202 pay item.

IMPACT ANALYSIS (attach report): Yes

Submitted By: Joe Novak

Title: State Construction Engineer

Division: Construction Management

E-mail: jnovak@indot.in.gov

Date: 5/26/26

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 Qualified Products List (QPL)? No
Will this proposal improve:

- Construction costs? Yes
- Construction time? No
- Customer satisfaction? Yes
- 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? 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? No

Is this proposal needed for compliance with:

- Federal or State regulations? Yes
- 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:

The Standard Specifications are revised as follows:

SECTION 202, BEGIN LINE 93, INSERT AS FOLLOWS:

202.03 Removal of Bridges, Culverts, and Other Drainage Structures

Bridges, culverts, and other drainage structures in use by traffic shall not be removed in whole or in part until satisfactory arrangements have been made to accommodate traffic. Any excavation adjacent to the structure or to its approaches shall be shored adequately to avoid damage to them or to traffic.

For all structures over a waterway, the Contractor shall provide a containment system for debris under the concrete portions of the structure that are to be removed. The containment system shall be designed to catch and retain the debris from the removal of the concrete portions. Accumulated debris shall be removed before it restricts the ability of the containment system to contain additional demolition material. If construction or demolition material enter the waterway, it shall be removed by the end of each working day in a manner that causes minimal disturbance to the waterway and is in accordance with all permit conditions.

Adequate safeguards shall be provided to prevent materials from falling below the structure:

1. *when over or adjacent to traffic,*
2. *as needed to protect life or property,*
3. *as needed to comply with laws, regulations, or other contract requirements.*

A plan shall be submitted for approval showing the proposed method of protection.

When a reinforced concrete arch bridge is to be removed, either in whole or in part, the work shall include the removal of miscellaneous items within the limits of the structure. The items shall be removed prior to or in conjunction with the removal of the structure. These miscellaneous items shall include but shall not be limited to concrete and asphalt pavements, concrete and asphalt sidewalks, and fill within the arches regardless of content.

For all painted or coated structural steel including beams, girders, diaphragms, cross frames, plates, and all other structural steel items that become the property of the Contractor through either a complete bridge removal in accordance with 202.03(a) or the removal of portions of a bridge in accordance with 202.03(b), the Contractor shall either:

1. take the steel to a recycling facility for proper disposal, or
2. take ownership of the steel.

For structures shown in the contract documents as being built before 1995, the Contractor shall assume that the existing coating contains hazardous materials and that mill scale exists on the steel.

If the Contractor elects to take the steel to a recycling facility, a receipt from the facility shall be provided. The receipt from the recycling facility shall show the name of the facility that accepted the material, address, city, state, zip code, contract number, bridge number, date material was received from the Contractor, weight of the material accepted by the recycling facility, and detailed description of the items given to the recycling facility.

If the Contractor elects to take ownership of the steel, the steel shall be cleaned in accordance with 619.14 prior to its removal from the project.

~~*For all structures over a waterway, the Contractor shall provide for debris containment under the concrete portions of the structure that are to be removed. The containment system shall be designed to catch and retain the debris from the removal of the concrete portions. Accumulating debris shall be removed before it restricts the ability of the containment system to contain additional demolition material. If accidental construction or demolition materials enter the waterway, it shall be removed by the end of each working day in a manner that causes minimal disturbance to the waterway and is in accordance with all permit conditions.*~~

~~*Adequate safeguards shall be provided to prevent materials from falling below the structure:*~~

~~*1. when over or adjacent to traffic,*~~

~~*2. as needed to protect life or property,*~~

~~*3. as needed to comply with laws, regulations, or other contract requirements.*~~

~~*A plan shall be submitted for approval showing the proposed method of protection.*~~

SECTION 202, BEGIN LINE 153, DELETE AS FOLLOWS:

(b) Portions

Portions of the existing structure shall be removed as shown on the plans. Reinforcing bars shall be cut off or allowed to extend into the proposed work as required or as otherwise directed. Explosives shall not be used in the removal of concrete. Where new concrete joins existing concrete masonry, the surface shall be cleaned satisfactorily before new concrete is placed. ~~Adequate safeguards shall be provided to prevent materials from falling below the structure:~~

~~1. when over or adjacent to traffic,~~
~~2. when over bodies of water,~~

~~3. as needed to protect life or property,~~

~~4. as needed to comply with laws, regulations, or other contract requirements.~~

~~A plan shall be submitted for approval showing the proposed method of protection.~~

COMMENTS AND ACTION

202.03 Removal of Bridges, Culverts, and Other Drainage Structures

DISCUSSION:
This item was introduced and presented by Mr. Novak who explained that Section 202.03 discusses demolition of structures but only provides for safeguarding the debris in 202.03(b) when portions of the structure are removed.

Mr. Novak proposed to require the contractor to provide containment of debris during demolition operations on structures over waterways to prevent debris from entering the waterway. This will also require any debris that may enter the waterway to be removed by the end of each working day. The requirement for debris management is moved to 202.03 prior to 202.03(a) to apply to both Complete and Portions removal operations.

Mr. Novak, in collaboration with Ms. Mouser, proposed minor editorial changes as shown above.

Mr. Novak revised his motion and this item passed as revised.

Motion: Mr. Novak
Second: Mr. Koch
Ayes: 10
Nays: 0
FHWA Approval: YES

Action:

___ Passed as Submitted
_X_ Passed as Revised
___ Withdrawn

2026 Standard Specifications Sections:
202 pp. 136, 137, and 138.

Recurring Special Provisions or Plan Details:
NONE

Standard Drawing affected:
NONE

Design Manual Chapter:
NONE

GIFE Section:
NONE

_X_ 2028 Standard Specifications
___ Revise Pay Items List
___ Notification to Designers if change is not addressed by RSP

_X_ Create RSP (No. 202-R-823)
Effective: December 1, 2026

___ Revise RSP (No.___)
Effective:

___ Standard Drawing
Effective:

___ Create RPD (No. ___)
Effective:

___ GIFE Update
___ Frequency Manual Update
___ AWP Update

PROPOSAL TO STANDARDS COMMITTEE

PROBLEM(S) ENCOUNTERED: Build America Buy America certifications do not include the manufacturer's address for products.

PROPOSED SOLUTION: Adopt the proposed changes which include a line for manufacturer's address.

APPLICABLE STANDARD SPECIFICATIONS: 916

APPLICABLE STANDARD DRAWINGS: none

APPLICABLE DESIGN MANUAL SECTION: none

APPLICABLE SECTION OF GIFE: none

APPLICABLE RECURRING SPECIAL PROVISIONS: 106-C-277

PAY ITEMS AFFECTED: none

APPLICABLE SUB-COMMITTEE ENDORSEMENT: Ad hoc: Jim Reilman, Charles Smith

IF APPROVED AS RECURRING SPECIAL PROVISION OR PLAN DETAILS, PROPOSED BASIS FOR USE: keep existing BFU for 106-C-277

IMPACT ANALYSIS (attach report):

Submitted By: Jim Reilman

Title: State Materials Engineer

Organization: INDOT

Phone Number: (317) 522-9692

Date: 5/28/26

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? N/A

Construction time? N/A

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:

For motorists? N/A

For construction workers? N/A

Will this proposal improve quality for:

Construction procedures/processes? N/A

Asset preservation? N/A

Design process? N/A

Will this change provide the contractor more flexibility? N/A

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

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

Is this proposal needed for compliance with:

Federal or State regulations? No

AASHTO or other design code? No

Is this item editorial? Yes

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

106-C-277 BUILD AMERICA, BUY AMERICA ACT REQUIREMENTS
[for Federal-Aid Contracts Only]

(Revised 03-20-26)

The Standard Specifications are revised as follows:

SECTION 106, BEGIN LINE 109, DELETE AND INSERT AS FOLLOWS:

(c) *Build America,* Buy America Requirements

All contracts shall be supplied with steel and iron products, *construction materials, and manufactured products* that are produced in the United States. Steel and iron products, *construction materials, and manufactured products* shall comply with IC 5-16-8, *2 CFR 184*, and 23 CFR 635.410.

A *Build America,* Buy America Certification shall be submitted and received for each product or source of material prior to being incorporated into the contract in accordance with 916. *An example certification is shown in 916.03(e). In lieu of the example certification, alternate certifications such as the PEAS Domestic Materials Self-Certification Form or certifications containing all the information shown on the certification in 916.03(e) will be acceptable.*

SECTION 106, BEGIN LINE 132, INSERT AS FOLLOWS:

a. Exceptions

The Engineer may grant specific written permission to use foreign steel or iron products when both of the following conditions apply:

(1) The total cost of all foreign products to be used does not exceed 0.1 percent of the total Contract cost, or $2,500, whichever is greater. The cost is the value of the product as delivered to the project.

(2) The specified products are not produced in the United States in sufficient quantity or otherwise are not reasonably available to meet the requirements of the Contract Documents. The Engineer may require the Contractor to obtain letters from three different suppliers documenting the unavailability of a product from a domestic source if the shortage is not previously established by the Department.

2. Construction Materials

All construction materials incorporated permanently into a contract that serve an ongoing need to the finished product shall be manufactured in the United States. All manufacturing processes for the construction materials shall occur in the United States.

3. Manufactured Products

All manufactured products incorporated permanently into a contract that serve an ongoing need to the finished product shall have final assembly in the United States and have greater than 55% of the manufactured products components, by cost, be mined,

produced, or manufactured in the United States.

SECTION 916, BEGIN LINE 21, INSERT AS FOLLOWS:

916.02 Types of Certifications

Certifications shall be Type A, Type B, Type C, Type D, *Build America,* Buy America, or as required under other types. When specified, the type of certification provided for a material shall be in accordance with the Frequency Manual except as otherwise specified. Specific information and test results required in Type A, Type B, and other types of certifications will be listed in the material specifications. Sample forms for Type A, Type B, Type C, Type D, and *Build America,* Buy America certifications are shown in 916.03. Sample forms for other type certifications are shown in ITM 804.

SECTION 916, BEGIN LINE 57, INSERT AS FOLLOWS:

(e) *Build America,* Buy America Requirement

All steel and iron materials and products, *construction materials, and manufactured products* used in the contract shall be certified to be in accordance with 106.01(c).

SECTION 916, BEGIN LINE 221, INSERT AS FOLLOWS:

(e) Sample *Build America,* Buy America Certification Form

***BUILD AMERICA*, BUY AMERICA CERTIFICATION**

SECTION 916, AFTER LINE 235, INSERT AS FOLLOWS:

MANUFACTURER'S ADDRESS _____

SECTION 916, AFTER LINE 260, INSERT AS FOLLOWS:

2. Construction Materials

In accordance with 106.01(c)2, I hereby certify that all construction materials and manufacturing processes for the materials listed below occurred in the United States of America or territories subject to its jurisdiction.

*Material Name**	*Quantity (units)*
_____	_____
_____	_____
_____	_____

* *Identifying information shall be shown when appropriate. A separate certification is required for each different manufacturer.*

_____ _____

Signature of Company Official Title

Date: _____

_____

Company Name

_____ _____

Signature of Contractor Official Title

Date: _____

3. Manufactured Products

In accordance with 106.01(c)3, I hereby certify that the product had final assembly in the United States and has greater than 55% of the manufactured product's components, by cost, mined, produced, or manufactured in the United States of America or territories subject to its jurisdiction.

*Material Name**	*Quantity (units)*
_____	_____
_____	_____
_____	_____

* *Identifying information shall be shown when appropriate. A separate certification is required for each different manufacturer.*

_____ _____

Signature of Manufacturing Company Official *Title*

Date: _____ _____

Company Name

_____ _____

Signature of Contractor Official *Title*

Date: _____

COMMENTS AND ACTION

106-C-277 BUILD AMERICA, BUY AMERICA ACT REQUIREMENTS

DISCUSSION:
Mr. Reilman introduced and presented this item declaring that the Build America Buy America certifications do not include the manufacturer's address for products.

Mr. Reilman proposed to adopt the proposed changes which include a line for the manufacturer's address, because inquiring minds wanted to know.

There was no further discussion and this item passed as submitted.

Motion: Mr. Reilman Second: Mr. Novak Ayes: 10 Nays: 0 FHWA Approval: YES	**Action:** X Passed as Submitted ___ Passed as Revised ___ Withdrawn
2026 Standard Specifications Sections: 916 pg. 1147 Recurring Special Provisions or Plan Details: 106-C-277 BUILD AMERICA, BUY AMERICA ACT REQUIREMENTS Standard Drawing affected: NONE Design Manual Chapter: NONE GIFE Section: NONE	___ 2028 Standard Specifications ___ Revise Pay Items List ___ Notification to Designers if change is not addressed by RSP ___ Create RSP (No.___) Effective: X Revise RSP (No. 106-C-277) Effective: December 1, 2026 ___ Standard Drawing Effective: ___ Create RPD (No. ___) Effective: ___ GIFE Update ___ Frequency Manual Update ___ AWP Update

PROPOSAL TO STANDARDS COMMITTEE

PROBLEM(S) ENCOUNTERED: Build America Buy America certifications do not include the manufacturer's address for all products nor do they require the heat number.

PROPOSED SOLUTION: Adopt the proposed changes which include a line for manufacturer's address and require the heat number for iron and steel products.

APPLICABLE STANDARD SPECIFICATIONS: 916

APPLICABLE STANDARD DRAWINGS: none

APPLICABLE DESIGN MANUAL SECTION: none

APPLICABLE SECTION OF GIFE: none

APPLICABLE RECURRING SPECIAL PROVISIONS: none

PAY ITEMS AFFECTED: none

APPLICABLE SUB-COMMITTEE ENDORSEMENT: Ad hoc: Jim Reilman, Charles Smith

IF APPROVED AS RECURRING SPECIAL PROVISION OR PLAN DETAILS, PROPOSED BASIS FOR USE:
No RSP necessary, just incorporate into 2028 Standard Specifications.

IMPACT ANALYSIS (attach report):

Submitted By: Jim Reilman

Title: State Materials Engineer

Organization: INDOT

Phone Number: (317) 522-9692

Date: 5/28/26

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? N/A
- Construction time? N/A
- 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:

- For motorists? N/A
- For construction workers? N/A

Will this proposal improve quality for:

- Construction procedures/processes? N/A
- Asset preservation? N/A
- Design process? N/A

Will this change provide the contractor more flexibility? N/A

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

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

Is this proposal needed for compliance with:

- Federal or State regulations? No
- AASHTO or other design code? No

Is this item editorial? Yes

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

(Note: Proposed changes shown highlighted gray)

The Standard Specifications are revised as follows:

SECTION 916, BEGIN LINE 221, INSERT AS FOLLOWS:

(e) Sample Buy America Certification Form

BUY AMERICA CERTIFICATION

This Certification shall be prepared by the manufacturer of the product and material being supplied for this contract.

CONTRACT NUMBER _____

PROJECT NUMBER _____

CONTRACTOR'S NAME _____

MANUFACTURER'S NAME _____

MANUFACTURER'S ADDRESS _____

BILL OF LADING or INVOICE NUMBER _____

1. Steel and Iron Materials and Products

In accordance with 106.01(c)1, I hereby certify that all steel and iron materials and products listed below were produced and manufactured in the United States of America or territories subject to its jurisdiction.

* Material Name	Quantity (Units)	Company of Manufacture
_____	_____	_____
_____	_____	_____
_____	_____	_____

* Identifying information such as *Heat Number,* Alloy, Grade, Type, Class, or other similar designation shall also be shown when appropriate.

_____ _____
Signature of Company Official Title

Date: _____

_____ _____
Signature of Contractor Official Title

Date: _____

COMMENTS AND ACTION

916.03 Sample Forms

DISCUSSION:
This item was introduced and presented by Mr. Reilman who mentioned that the Build America Buy America certifications do not include the manufacturer's address for all products, nor do they require the heat number.

Mr. Reilman proposed to adopt the proposed changes which will include a line for the manufacturer's address and require the heat number for iron and steel products.

There was no further discussion and this item passed as submitted.

Motion: Mr. Reilman Second: Mr. Koch Ayes: 10 Nays: 0 FHWA Approval: YES	**Action:** _X_ Passed as Submitted ___ Passed as Revised ___ Withdrawn
2026 Standard Specifications Sections: 916 pg. 1147 Recurring Special Provisions or Plan Details: 106-C-277 BUILD AMERICA, BUY AMERICA ACT REQUIREMENTS Standard Drawing affected: NONE Design Manual Chapter: NONE GIFE Section: NONE	_X_ 2028 Standard Specifications ___ Revise Pay Items List ___ Notification to Designers if change is not addressed by RSP ___ Create RSP (No.___) Effective: ___ Revise RSP (No._____) Effective: ___ Standard Drawing Effective: ___ Create RPD (No. ___) Effective: ___ GIFE Update ___ Frequency Manual Update ___ AWP Update

PROPOSAL TO STANDARDS COMMITTEE

PROBLEM(S) ENCOUNTERED: 502.04 PCCP requires a water reducing admixture. This should no longer be a requirement.

PROPOSED SOLUTION: Delete the requirement for 502 PCCP concrete mixes to include a water reducing admixture.

APPLICABLE STANDARD SPECIFICATIONS: 502.04

APPLICABLE STANDARD DRAWINGS: None

APPLICABLE DESIGN MANUAL SECTION: None

APPLICABLE SECTION OF GIFE: None

APPLICABLE RECURRING SPECIAL PROVISIONS: create new 502 RSP

PAY ITEMS AFFECTED: None

APPLICABLE SUB-COMMITTEE ENDORSEMENT: Ad hoc: Mike Nelson, Jim Reilman

IF APPROVED AS RECURRING SPECIAL PROVISION OR PLAN DETAILS, PROPOSED BASIS FOR USE: Required for all contracts, except mowing, herbicide, sweeping, light bulb replacement or tree removal/trimming.

IMPACT ANALYSIS (attach report):

Submitted By: Jim Reilman

Title: State Materials Engineer

Organization: INDOT

Phone Number: (317) 522-9692

Date: 6/1/26

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? N/A
- Construction time? N/A
- 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:

- For motorists? N/A
- For construction workers? N/A

Will this proposal improve quality for:

- Construction procedures/processes? Yes
- Asset preservation? Yes
- Design process? 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? N/A

Is this proposal needed for compliance with:

- 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:

The Standard Specifications are revised as follows:

SECTION 502, BEGIN LINE ~~XX~~*78*, DELETE AS FOLLOWS:

502.04 Concrete Mix Criteria

Chemical admixtures Type A, Type B, Type C, Type D, Type E, and Type F may be allowed if shown on the CMDP. ~~The supplied concrete mix shall include one of the following water reducing admixtures: Type A, Type D, Type E, or Type F.~~

COMMENTS AND ACTION

502.04 Concrete Mix Criteria

DISCUSSION:
Mr. Reilman introduced and presented this item stating that 502.04 PCCP requires a water reducing admixture, which should no longer be a requirement.

Mr. Reilman proposed to delete the requirement for 502 PCCP concrete mixes to include a water reducing admixture.

There was no further discussion and this item passed as submitted.

Motion: Mr. Reilman Second: Mr. Koch Ayes: 10 Nays: 0 FHWA Approval: YES	**Action:** X Passed as Submitted ___ Passed as Revised ___ Withdrawn
2026 Standard Specifications Sections: 502 pg. 429. Recurring Special Provisions or Plan Details: NONE Standard Drawing affected: NONE Design Manual Chapter: NONE GIFE Section: NONE	X 2028 Standard Specifications ___ Revise Pay Items List ___ Notification to Designers if change is not addressed by RSP X Create RSP (No. 502-R-825) Effective: December 1, 2026 ___ Revise RSP (No.___) Effective: ___ Standard Drawing Effective: ___ Create RPD (No. ___) Effective: ___ GIFE Update ___ Frequency Manual Update ___ AWP Update