

PROPOSAL TO STANDARDS COMMITTEE

PROBLEM(S) ENCOUNTERED:

The minimum slump for slip formed railing is currently 1 inch and is a little too high for some scenarios.

PROPOSED SOLUTION:

Decrease the minimum slump for slip formed railing from 1 inch to 0.5 inch.

APPLICABLE STANDARD SPECIFICATIONS: 602.03, 706.03

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: INDOT-IRMCA working committee (8-31-23)

IF APPROVED AS RECURRING SPECIAL PROVISION OR PLAN DETAILS, PROPOSED BASIS FOR USE:  
All contracts with a 602 or 706 pay item.

IMPACT ANALYSIS (attach report):

Submitted By: Jim Reilman

Title: State Materials Engineer

Organization: INDOT

Phone Number: (317) 522-9692

Date:

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? 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:

REVISION TO 2024 STANDARD SPECIFICATIONS

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SECTION 706 – BRIDGE RAILINGS

706.03 Concrete Railing

(Note: Proposed changes shown highlighted gray)

The Standard Specifications are revised as follows:

SECTION 706, BEGIN LINE 65, DELETE AND INSERT AS FOLLOWS:

The slip form paver shall consolidate, screed, and finish the freshly placed concrete in one complete pass so a minimum of hand finishing will be necessary to provide a dense and homogeneous railing in conformance with the plans and specifications. The slump shall be ~~1 3/4 in. ±3/4 in.~~ *1 1/2 in. ±1 in.* The joints may be formed or sawed as long as a satisfactory joint is attained.

ADDENDUM

COMMENTS AND ACTION

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706.03 Concrete Railing

DISCUSSION:

Motion:	<b>Action:</b>
Second:	<input type="checkbox"/> Passed as Submitted
Ayes:	<input type="checkbox"/> Passed as Revised
Nays:	<input type="checkbox"/> Withdrawn
FHWA Approval:	
<hr/>	
2024 Standard Specifications Sections: 706.03 pg. 659-660.	<input type="checkbox"/> 2026 Standard Specifications
Recurring Special Provisions or Plan Details:	<input type="checkbox"/> Revise Pay Items List
NONE	<input type="checkbox"/> Notification to Designers if change is <u>not</u> addressed by RSP
Standard Drawing affected: NONE	<input type="checkbox"/> Create RSP (No. __) Effective:
Design Manual Chapter: NONE	<input type="checkbox"/> Revise RSP (No. __) Effective:
GIFE Section: TBD	<input type="checkbox"/> Standard Drawing Effective:
	<input type="checkbox"/> Create RPD (No. __) Effective:
	<input type="checkbox"/> GIFE Update
	<input type="checkbox"/> Frequency Manual Update
	<input type="checkbox"/> SiteManager Update

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PROPOSAL TO STANDARDS COMMITTEE

PROBLEM(S) ENCOUNTERED: The PG Binder grade in Indiana is changing. However, there may be instances where the plans reference PG Binder grades that are no longer available or preferred by the Department.

PROPOSED SOLUTION: Adopt the following provision which will relate the old PG Binder grades to the new PG Binder grades to eliminate confusion. This solution was patterned after the RSP for Standard Specifications, 100-C-188.

APPLICABLE STANDARD SPECIFICATIONS: None

APPLICABLE STANDARD DRAWINGS: None

APPLICABLE DESIGN MANUAL SECTION: None

APPLICABLE SECTION OF GIFE: None

APPLICABLE RECURRING SPECIAL PROVISIONS: create new 100-C-xxx RSP

PAY ITEMS AFFECTED: None

APPLICABLE SUB-COMMITTEE ENDORSEMENT: None

IF APPROVED AS RECURRING SPECIAL PROVISION OR PLAN DETAILS, PROPOSED BASIS FOR USE: For use in all contracts.

IMPACT ANALYSIS (attach report):

Submitted By: Jim Reilman

Title: State Materials Engineer

Organization: INDOT

Phone Number: (317) 522-9692

Date: 10/5/23

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? N/A

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? Yes

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:

REVISION TO RECURRING SPECIAL PROVISION  
100-C-XXX PG BINDER GRADES (proposed new)

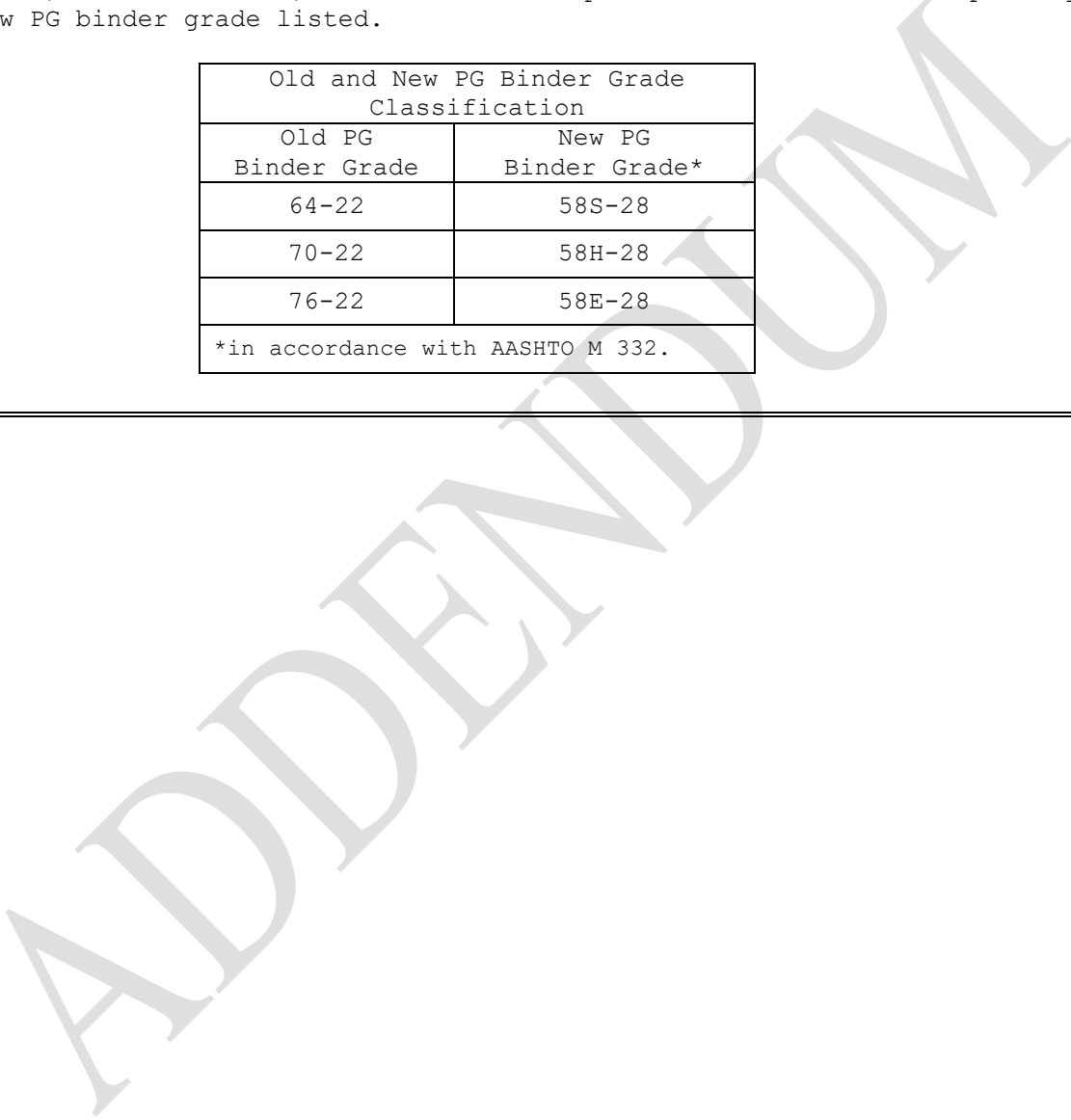
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100-C-XXX PG BINDER GRADES

*(Adopted xx-xx-xx)*

The Department is changing PG binder grades. Wherever in the contract documents any of the old PG binder grades, as noted in the table below, are referenced, it shall be interpreted to mean the corresponding new PG binder grade listed.

Old and New PG Binder Grade Classification	
Old PG Binder Grade	New PG Binder Grade*
64-22	58S-28
70-22	58H-28
76-22	58E-28
*in accordance with AASHTO M 332.	



COMMENTS AND ACTION

100-C-XXX PG BINDER GRADES

DISCUSSION:

Motion:	<b>Action:</b>
Second:	<input type="checkbox"/> Passed as Submitted
Ayes:	<input type="checkbox"/> Passed as Revised
Nays:	<input type="checkbox"/> Withdrawn
FHWA Approval:	
<hr/>	
2024 Standard Specifications Sections:	<input type="checkbox"/> 2026 Standard Specifications
NONE	<input type="checkbox"/> Revise Pay Items List
	<input type="checkbox"/> Notification to Designers if change is <u>not</u> addressed by RSP
Recurring Special Provisions or Plan Details:	<input type="checkbox"/> Create RSP (No. __)
(proposed new)	Effective:
Standard Drawing affected:	<input type="checkbox"/> Revise RSP (No. __)
NONE	Effective:
Design Manual Chapter:	<input type="checkbox"/> Standard Drawing
NONE	Effective:
GIFE Section:	<input type="checkbox"/> Create RPD (No. __)
NONE	Effective:
	<input type="checkbox"/> GIFE Update
	<input type="checkbox"/> Frequency Manual Update
	<input type="checkbox"/> SiteManager Update