



INDIANA DEPARTMENT OF TRANSPORTATION

100 North Senate Avenue
Room N758 CM
Indianapolis, Indiana 46204

www.in.gov/indot

Mike Braun, Governor
Lyndsay Quist, Commissioner

FIRST DRAFT MINUTES

MAY 15, 2025, Standards Committee Meeting

*(Changes to the Agenda by the Action of the Committee
shown as highlighted yellow.)*

May 21, 2025

TO: Standards Committee

FROM: Scott Trammell, Secretary

RE: Minutes from May 15, 2025, Standards Committee Meeting

The May Standards Committee meeting was called to order by Mr. Pankow, Chair, at 09:02 a.m. on Thursday, May 15, and was held virtually via *Teams* (Microsoft application). The meeting was adjourned at 09:44 a.m. The next meeting is scheduled for **June 19, 2025**.

The following committee members were in attendance:

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

Also, the following attendees were present:

Agnihotri, Mihir, INDOT
Awwad, Nathan, INDOT
Barnes, Tracy, INDOT
Beeson, Matthew, INDOT
Betz, Ryan, guest
Blanchard, Jacob, INDOT
Bohan, Rick, guest

Johnson, Krystin, INDOT
Kachler, Mischa, INDOT
Kaiser, Tim, guest
Khima, Pawpaw, INDOT
Kraushar, Matt, INDOT
Leckie, John, IRMCA
Mouser, Elizabeth, INDOT

Cruz, Elena, INDOT
Duncan, Steve, INDOT
Duncan, Thomas, FHWA
Emmert, Rhonda, INDOT
Ewing, Nicholas, guest
Fisher, Steve, INDOT
Fox, Gary, INDOT
Galetka, Jason, INDOT
Giannini, Eric, guest
Gist, Emilie, INDOT
Harding, Matthew, INDOT
Harris, Tom, INDOT
Hook, Jeff D., guest
Jensen, Kevin, guest
Jilg, Chris, INDOT

Parmer, James, guest
Podorvanova, Lana, INDOT
Powell, Traci, INDOT
Richer, Robert, guest
Russell, Melissa, INDOT
Shi, Runfa, INDOT
Smart, Steve, County Materials
Tennis, Paul, guest
Thornton, Donald, INDOT
Trammell, Scott, INDOT
Tull, Christopher R., guest
Vaughan, John, guest
Vogel, Dustin
Whitt, Jay, guest
Wilson, Michelle, guest

The following items were discussed:

A. GENERAL BUSINESS

OLD BUSINESS (No items were listed)

NEW BUSINESS

1. Approval of the Minutes from the [April 17](#) meeting

Mr. Pankow requested a motion to approve the Minutes from the April 17, 2025 meeting.

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

ACTION:

PASSED AS SUBMITTED

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. Novak](#)

[pg. 4](#)

Recurring Special Provisions:
623-M-025

ROADSIDE MOWING (proposed to discontinue)

623-M-039

MOWING CYCLES, STARTING DATES, AND FAILURE
TO COMPLETE MOWING ON TIME (proposed to
discontinue)
ROADSIDE MOWING

ACTION:**WITHDRAWN**Item No. 2Mr. Novakpg. 18

Recurring Special Provision:
623-X-XXX

*MOWING CYCLE DATES***ACTION:****WITHDRAWN**Item No. 3Mr. Novakpg. 22

Recurring Special Provision:
623-X-XXX

*CONTRACT RENEWAL AND PRICE ADJUSTMENT***ACTION:****WITHDRAWN**Item No. 4Mr. Reilmanpg. 26

2024 Standard Specifications:
505.01(e)

Exceptions to AASHTO T 152

ACTION:**PASSED AS SUBMITTED**Item No. 5Mr. Novakpg. 30

Recurring Special Provision:
103-C-269

SUBMITTAL OF DBE QUOTES

ACTION:**PASSED AS REVISED**Item No. 6Mr. Reilmanpg. 34

2024 Standard Specifications:
901.01(b)

Portland Cement

ACTION:**PASSED AS REVISED**

cc: Committee Members
FHWA
ICI

PROPOSAL TO STANDARDS COMMITTEE

PROBLEM(S) ENCOUNTERED: The current RSPs “Roadside Mowing” and “Mowing Cycles Starting Dates” are out of date. In addition, USPs have been implemented in recent years which cover the same content but with improvements. The RSPs are in need of an update to align with current mowing contract practice.

PROPOSED SOLUTION: Discontinue the existing old RSPs and convert the current USPs into a set of RSPs that can be incorporated throughout the state in a more consistent manner. Maintenance has requested “Roadside Mowing”, “Mowing Cycle Dates”, and “Contract Renewal & Price Adjustment” move forward as three independent RSPs that will give them flexibility on utilizing the provisions for various contract scenarios.

APPLICABLE STANDARD SPECIFICATIONS: N/A

APPLICABLE STANDARD DRAWINGS: N/A

APPLICABLE DESIGN MANUAL SECTION: N/A

APPLICABLE SECTION OF GIFE: N/A

APPLICABLE RECURRING SPECIAL PROVISIONS: 623-M-025, 623-M-039

PAY ITEMS AFFECTED: 623-04xxx Mowing Cycle, No. __
623-05xxx Mowing Cycle, No. __
623-06xxx Mowing Cycle, No. __

APPLICABLE SUB-COMMITTEE ENDORSEMENT: Ad Hoc, Matt Kraushar, Ben Smith, Jacob Blanchard

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

Required for all maintenance contracts for mowing. Shall be included with RSP 623-M-XXX (Mowing Cycle Dates) and 623-M-XXX (Contract Renewal & Price Adjustment).

IMPACT ANALYSIS (attach report): Attached

Submitted By: Joe Novak

Title: State Construction Engineer
Organization: INDOT Construction Management
Phone Number: 317-501-7805
Date: 4/24/25

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? N

Will approval of this item affect the Approved Materials List? N

Will this proposal improve:

Construction costs? N/A

Construction time? N/A

Customer satisfaction? Y

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? N

AASHTO or other design code? N

Is this item editorial? N

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

REVISION TO RECURRING SPECIAL PROVISIONS

623-M-025 ROADSIDE MOWING (proposed to discontinue)

623-M-039 MOWING CYCLES, STARTING DATES, AND FAILURE TO COMPLETE MOWING ON TIME (proposed to discontinue)

623-X-XXX ROADSIDE MOWING (proposed new)

(Note: Currently used Recurring Special Provisions (editable)

623-M-025 ROADSIDE MOWING and

623-M-039 MOWING CYCLES, STARTING DATES, AND FAILURE TO COMPLETE MOWING ON TIME

that are proposed to discontinue)

623-X-XXX ROADSIDE MOWING

(Adopted xx-xx-25)

The Standard Specifications are revised as follows:

SECTION 623, BEGIN LINE 1, DELETE AND INSERT AS FOLLOWS:

SECTION 623 – ~~BLANK~~ROADSIDE MOWING

623.01 Description

This work shall consist of mowing and trimming of roadside vegetation in accordance with 105.03. The roadside areas to be mown and trimmed shall be as shown on the plans. Unless otherwise stated, all references to “mowing” shall also be interpreted as trimming for areas which require detailed vegetation management.

623.02 Definitions

(a) Mowing

The use of a mechanized, wheeled, or tracked machine to cut herbaceous and woody vegetation. Mowing operations shall be sufficiently offset from fixed objects to prevent damage, as defined herein.

(b) Trimming

The use of handheld or manually operated push mowers, line trimmers, and hand tools to cut herbaceous and woody vegetation in hard-to-reach places, around fixed objects, near restricted mowing areas, on steep grades, in areas inaccessible to mowing equipment, and to avoid damaging vegetation in restricted mowing areas. Trimming shall be performed up to the vegetation management limits and directly adjacent to fixed objects, unless otherwise stated.

(c) Fixed Objects

Objects protruding above the mowing plane including but not limited to foundations, structures, guardrails, impact attenuators, cable barrier, drains, culverts, headwalls, traffic signal equipment, intelligent transportation system equipment, delineators, sound walls, temporary and permanent signposts, MSE walls, electric service points, and light poles.

(d) Restricted Mowing Areas

Sensitive plants and planting areas including landscaped beds, intentionally planted trees, woody stems equal to or exceeding 3 in. diameter at the height of 6 in., areas

REVISION TO RECURRING SPECIAL PROVISIONS

623-M-025 ROADSIDE MOWING (proposed to discontinue)

623-M-039 MOWING CYCLES, STARTING DATES, AND FAILURE TO COMPLETE MOWING ON TIME (proposed to discontinue)

623-X-XXX ROADSIDE MOWING (proposed new)

delineated by “Do Not Mow” or similar signs restricting mowing activities including restoration areas, mitigation areas, prairie, living snow fences, and wildflowers.

623.03 Prosecution of Work

The Contractor shall submit a Project Work Plan to the Engineer at the preconstruction conference. All mowing areas and associated roadways shall be examined in detail to develop an appropriate Project Work Plan. At a minimum, the Project Work Plan shall include a list of mowing and trimming equipment the Contractor intends to use, operational and safety procedures, a maintenance of traffic plan, and a schedule which includes the anticipated work durations for each route and the order the Contractor anticipates mowing the routes. The Department reserves the right to specify starting points and direction of work at the preconstruction conference or upon review of the Project Work Plan. Work shall not begin until the Project Work Plan is approved by the Engineer. Upon approval, the Project Work Plan shall be incorporated into the contract documents. Department approval of the Project Work Plan only confirms general conformance to the contract documents and shall not be interpreted as relieving the Contractor from the obligation to protect the safety and welfare of workers and of the traveling public.

Operations shall not occur on State or Federal Holidays, in accordance with 108.08, unless otherwise approved by the Department in writing. Operations may only occur on Saturday or Sunday with written approval from the Department. The Department reserves the right to limit operations to off-peak travel hours when it is determined that such operations would cause the least interruption to the flow of traffic. The Department reserves the right to limit operations due to special events or when the traffic control plan may conflict with another project. All work shall be performed only during daylight hours, beginning one-half hour after dawn and ending one-half hour before dusk. Failure to comply with the daylight hour work requirements will result in an immediate suspension of all work operations. Operations will remain suspended until approval has been given by the Department for work operations to safely resume. Delays resulting from failure to comply with the daylight hour work requirements will be counted against the completion window for the mowing cycle.

If the Department approves mowing operations on weekends and holiday periods, the days allotted to the Department for inspection, notification, and acceptance, as defined in 623.07, will be increased by an equal number of days, or as otherwise agreed upon by the Department and the Contractor.

Workers and the public shall be protected from harm and from damage to property in accordance with 107.08. The Contractor shall hold a daily safety briefing to review the use of proper safety procedures and personal protective equipment, PPE, for the day's activities; and ensure that workers assigned to operate equipment, and vehicles are provided adequate training.

REVISION TO RECURRING SPECIAL PROVISIONS

623-M-025 ROADSIDE MOWING (proposed to discontinue)

623-M-039 MOWING CYCLES, STARTING DATES, AND FAILURE TO COMPLETE MOWING ON TIME (proposed to discontinue)

623-X-XXX ROADSIDE MOWING (proposed new)

77 *All workers shall use appropriate PPE. PPE shall be in accordance with the*
78 *requirements of 103.08 and 107.08 and shall be used in accordance with the equipment*
79 *manufacturers' operating manuals and recommendations. PPE shall include Class 2 or*
80 *Class 3 high-visibility safety apparel, hard-toed footwear, protective handwear, and*
81 *hearing protection. Where workers are not fully enclosed inside mowing equipment,*
82 *additional PPE shall include Type 2 hard hats, with top and side impact protection, and*
83 *ANSI Z87.1 eye protection. Ride-on mowing equipment, such as tractors, shall include a*
84 *canopy to protect workers from the sun. A face shield shall be worn where workers are at*
85 *risk of flying debris and as recommended by the equipment manufacturer.*

86
87 *Workers shall be trained to identify and safely remove wild parsnip, poison*
88 *hemlock, poison ivy, and giant hogweed within the limits of the mowing area. Soap and*
89 *water, or a cleanser designed to remove plant borne allergen oil, shall be available to*
90 *workers who encounter plants which can cause skin reactions.*

91
92 *The Contractor's personnel shall be able to perform the work in accordance with*
93 *108.07. Work crew supervisors shall be equipped with cell phones.*

94
95 *The Contractor shall comply with all laws, in accordance with 107.01. Permits and*
96 *licenses shall be secured in accordance with 107.02.*

97
98 **623.04 Maintenance of Traffic**

99 *The Contractor shall prepare and submit a maintenance of traffic plan in*
100 *accordance with 801 and the MUTCD as part of the Project Work Plan. A site-specific*
101 *maintenance of traffic plan, encompassing all sections of roadway will not be included in*
102 *the bid documents. The Contractor shall identify all non-standard roadway geometry and*
103 *roadway conditions and include maintenance of traffic details which protect the traveling*
104 *public, protect workers, and minimize traffic delays. If unanticipated working conditions*
105 *are encountered which require the maintenance of traffic plan to deviate from the approved*
106 *Project Work Plan, the Contractor shall request a modification to the Project Work Plan*
107 *in accordance with 623.07.*

108
109 *In accordance with 801.03, a Traffic Control Supervisor, as certified by the*
110 *American Traffic Safety Services Association, ATSSA, or approved equal certifying*
111 *organization, shall direct all field layout, placement, operation, maintenance, and removal*
112 *of temporary traffic control devices. The Traffic Control Supervisor may designate an*
113 *ATSSA-Certified Traffic Control Technician for day-to-day oversight of the maintenance of*
114 *traffic. All flagging operations shall be performed by an ATSSA-certified flagger.*

115
116 *Traffic control devices shall be provided in accordance with 107.12, 801, the*
117 *contract documents, and as required by the Engineer.*

REVISION TO RECURRING SPECIAL PROVISIONS

623-M-025 ROADSIDE MOWING (proposed to discontinue)

623-M-039 MOWING CYCLES, STARTING DATES, AND FAILURE TO COMPLETE MOWING ON TIME (proposed to discontinue)

623-X-XXX ROADSIDE MOWING (proposed new)

A minimum of two “Mowing Ahead”, “Mowing Crews Next 5 Miles”, or similar advanced warning signs shall be provided, one sign per direction of travel, placed on the edge of the shoulder, and in advance of mowing operations. A minimum of four advanced warning signs shall be placed along divided highways, one on each side of the road, for each direction of travel. The above-mentioned advanced warning signs shall be placed no more than five miles and no less than a 1/2 mile in advance of mowing operations. The Contractor may place an additional series of advanced warning signs up to 10 miles in advance of operations to minimize the need to move signs. The placement of advanced warning signs shall not exceed 10 miles in advance of the work zone.

Escort vehicles, flaggers, and additional temporary traffic control devices, in accordance with the contract documents, shall be utilized when mowing operations have the potential to cause unsafe working conditions, or the potential to restrict the flow of traffic.

Work shall be limited to the shoulder or the embankment wherever possible to minimize traffic disturbances, in accordance with 107.08(c). Mowing equipment shall not encroach on lanes, except where there is no alternative path to traverse an obstacle, such as traversing a bridge. When temporarily encroaching on a lane is required, traffic control shall be in accordance with the MUTCD for a mobile operation. Mowing equipment shall not stop in a travel lane at any time.

In accordance with the Indiana Highway Congestion Policy, IHCP, mowing operations are not subject to the Interstate work time restrictions if they do not encroach on Interstate lanes which are open to traffic, with the exception of urban Interstates, which are restricted in accordance with Appendix B of the IHCP.

623.05 Equipment

Mowing and trimming shall be performed with equipment listed on the approved Project Work Plan, and in accordance with the equipment manufacturers’ operating manuals and recommendations. Mowing equipment shall have protective shields in place to prevent objects from being thrown from the cutting unit. Cutting blades shall be sharp and free of chips, as necessary to create clean, straight cuts and to prevent ripping and pulling of vegetation. All vehicles, including mowing equipment and vehicles used to install, maintain, repair, and remove traffic control devices, shall be equipped with rear view mirrors and a minimum of two amber lights. Amber lights shall be in accordance with 801.14(d). Orange and red triangular slow-moving vehicle signs shall be affixed to the rear of all mowing equipment in accordance with IC 9-21-9. Identification placards, with lettering that is a minimum of 3 in. in height; visible and legible to the traveling public; and displaying the Contractor’s name, telephone number, and a unique equipment identifier for each vehicle, such as #1, #2, #3, etc., and shall be affixed to all tracked or wheeled, motorized equipment.

REVISION TO RECURRING SPECIAL PROVISIONS

623-M-025 ROADSIDE MOWING (proposed to discontinue)

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623-X-XXX ROADSIDE MOWING (proposed new)

For example: JOHN'S MOWING CO. #5; 1-800-800-8000.

Unless otherwise directed by the Engineer, all mowing equipment shall be set to cut at a height of 6 in. and shall be inspected for proper mowing height prior to work operations each day. All equipment shall be in good working order to minimize environmental impact.

Ride-on mowing equipment, such as tractors, shall have a rollover protection system, ROPS. Seatbelts shall be securely fastened during moving operations. Passengers shall not ride on mowing equipment.

In accordance with 107.08(c), the Contractor shall park or store equipment that is idle, or not in use, such as during break times, lunch, or overnight, behind a guardrail, beyond the ditch line, outside the clear zone, beyond the right-of-way limit when approved by the property owner, or as directed by the Engineer. The Contractor shall not store equipment in median areas, gore areas, or on the shoulders of the roadway.

To prevent the spread of invasive weeds to and from the Department's right-of-way, equipment shall be cleaned of all soil and vegetative debris prior to arriving at the work site and prior to leaving the work site. Cleaning shall be performed using water, compressed air, motorized blowers, or hand brooms. In addition to stopping work until all equipment is cleaned to the Engineer's satisfaction, liquidated damages of \$1,000 per incident will be assessed, not as a penalty but as damages sustained for each incident of soil or vegetative debris not cleaned from a piece of equipment. Delays resulting from failure to clean equipment will be non-excusable in accordance with 108.08(c) and will not extend the mowing cycle completion window.

623.06 Construction Requirements

The work shall consist of mowing and trimming roadside vegetation as shown on the plans for the number of mowing cycles specified. All vegetation within the identified limits shall be mown, with the exception of restrictions shown on the plans and identified herein. Trimming shall be performed in conjunction with machine mowing. Such trimming shall be completed within the allotted days for the mowing cycle and not later than three calendar days after the machine mowing.

The mowing limits shall be expanded beyond the typical width shown on the plans where it is necessary to maintain safe sight distance for drivers, at the discretion of the Engineer. The Contractor shall request clarification from the Engineer if the mowing limits or right-of-way limit cannot be reasonably identified, or where the Contractor discovers a discrepancy between the contract documents and the field conditions.

Herbaceous vegetation shall be cut to a uniform height of 6 in. Woody vegetation with a diameter less than 3 in., at a height of 6 in., shall be cut as close to the ground as

REVISION TO RECURRING SPECIAL PROVISIONS

623-M-025 ROADSIDE MOWING (proposed to discontinue)

623-M-039 MOWING CYCLES, STARTING DATES, AND FAILURE TO COMPLETE MOWING ON TIME (proposed to discontinue)

623-X-XXX ROADSIDE MOWING (proposed new)

possible without disturbing the earth. Herbaceous vegetation shall be trimmed to the same height as the surrounding machine-mown vegetation.

Equipment shall be operated in a manner to prevent tire slippage, scalping, rutting, damage to the turf, or other soil disturbance. Damaged turf shall be reseeded, resodded, and in the case of significant rutting, the Contractor shall provide topsoil to reestablish a uniform grade along the roadside or embankment. Repair of rutted or damaged turf shall be completed at no additional cost, as directed by the Engineer.

Woody-stemmed vegetation cut under and around bridges shall be moved and stacked on the down-stream side of the bridge, above the ordinary high-water mark, and outside of the mowing area.

Debris and clippings shall be cleared from lanes and pedestrian facilities, such as sidewalks and curb ramps, in accordance with 107.08(b).

Vegetation shall be sufficiently dry to minimize piling or bunching of clippings. All piled or bunched clippings sufficient to smother turf shall be removed or scattered to prevent turf damage.

Mowing shall be performed in the same direction as traffic, unless directed by the Engineer.

(a) Fixed Objects

The Contractor shall trim around all fixed objects inside the right-of-way limits, regardless of the distance from the pavement. At a minimum, a 5 ft perimeter shall be trimmed, extending from the base of the fixed object. Additional trimming may be required to make fixed objects visible to roadway users and to provide access to infrastructure which requires routine maintenance.

A 15 ft wide path shall be mowed from the road to infrastructure requiring routine maintenance, following the shortest path accessible to a wheeled vehicle. Infrastructure requiring routine maintenance includes high mast lighting towers, intelligent transportation system equipment, sound walls, culvert inlets and outlets, and sound wall access doors. A 15 ft perimeter shall be mowed around and adjacent to such infrastructure to allow maintenance access to all parts of the infrastructure.

Vegetation around privately owned utility infrastructure, such as utility poles, shall not be trimmed. The Contractor shall mow as close as possible to utility infrastructure without causing damage.

Vegetation growing from pavement cracks, and seams at the base of median islands and barrier walls, shall be trimmed unless the Department notifies the Contractor in

REVISION TO RECURRING SPECIAL PROVISIONS

623-M-025 ROADSIDE MOWING (proposed to discontinue)

623-M-039 MOWING CYCLES, STARTING DATES, AND FAILURE TO COMPLETE MOWING ON TIME (proposed to discontinue)

623-X-XXX ROADSIDE MOWING (proposed new)

248 writing.

249

250 **(b) Restricted Mowing Areas**

251 *A 5 ft perimeter shall be trimmed around restricted mowing areas to a minimum*
252 *distance of 10 ft from the shoulder, or as shown on the plans or as directed by the Engineer.*

253

254 *Restricted mowing areas shall not be damaged by mowing or trimming equipment.*
255 *Trees damaged by mowing operations shall be healed or replaced, as directed by the*
256 *Engineer. Healing a damaged tree shall include, but not be limited to, pruning damaged*
257 *limbs with a clean cut. Repeated damage to trees may result in suspension of work until*
258 *the Contractor demonstrates an understanding of proper mowing techniques, as directed*
259 *by the Engineer. Delays resulting from suspension of work due to damage will not extend*
260 *the completion cycle time.*

261

262 *Intentionally planted landscaping adjacent to mailboxes shall not be mowed or*
263 *trimmed, unless required by the Engineer due to safety concerns. A 5 ft perimeter shall be*
264 *trimmed around mailboxes and mailbox landscaping.*

265

266 **(c) Inaccessible Mowing Areas**

267 *If the Contractor believes an area is inaccessible for mowing and trimming, a*
268 *written request shall be submitted to the Engineer for approval. The request shall include*
269 *justification describing the efforts taken to mitigate concerns for safely mowing the*
270 *identified area. The Contractor shall complete all mowing and trimming within the*
271 *identified limits unless the Engineer approves the Contractor's request.*

272

273 *The Contractor shall remain responsible for determining if an embankment can be*
274 *safely mowed and shall not operate mowing equipment on slopes steeper than 2.5:1.*
275 *Vegetated slopes steeper than 2.5:1 shall be mowed using a boom mower or trimmed to*
276 *the required mowing limits, regardless of the presence of guardrail, sound walls, or other*
277 *form of barrier. An area will be considered inaccessible only if no opening exists for*
278 *workers with trimming equipment to gain access. Areas with openings onto side roads will*
279 *be considered accessible.*

280

281 *Areas which are determined to be inaccessible to mowing equipment due to wet soil*
282 *or standing water shall be hand trimmed or mown with a boom mower. At the Engineer's*
283 *discretion, mowing may not be required if an area is determined to be chronically*
284 *saturated. Inadequate equipment or lack of proper equipment, including a boom mower,*
285 *shall not be an excuse for failure to mow areas within the identified mowing limits.*

286

287 **(d) Mowing in a Construction Zone**

288 *The Contractor shall coordinate with other contractors for mowing areas within*
289 *the limits of a construction zone of another contract, in accordance with 105.07.*

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623-M-039 MOWING CYCLES, STARTING DATES, AND FAILURE TO COMPLETE MOWING ON TIME (proposed to discontinue)

623-X-XXX ROADSIDE MOWING (proposed new)

291 *When a conflict occurs with construction operations in an active construction zone,*
292 *the Department will determine if vegetation management is the responsibility of the*
293 *mowing Contractor or the construction contractor. Mowing will not be required where*
294 *new vegetation has not reached a height of 6 in.*

295
296 *The Contractor shall be responsible for repairing all damages which occur while*
297 *mowing or trimming in a construction zone.*

298
299 **623.07 Reporting and Acceptance**

300 *The Contractor shall inspect each corridor for damaged infrastructure prior to*
301 *beginning mowing operations. Existing damage to guardrail end sections; median cable*
302 *barriers; signs; culverts; culvert end sections; and damage to turf which has the potential*
303 *to result in erosion, such as major rutting or bare soil, shall be reported to the Engineer*
304 *in writing no less than one day prior to starting work. Any damage discovered by the*
305 *Department within 30 days after final acceptance of a mowing cycle, which was not*
306 *reported by the Contractor prior to the start of work, shall be repaired by the Contractor*
307 *and returned to a condition equal to or better than before the start of mowing operations,*
308 *at no additional cost to the Department.*

309
310 *In accordance with 107.18, the Department will research police crash reports for*
311 *any damage which appears to be caused by the traveling public and which occurred after*
312 *the Contractor submitted the pre-mowing damage inspection report. Upon the Department*
313 *notifying the Contractor of damaged infrastructure, the Contractor shall submit to the*
314 *Engineer for approval a Repair Work Plan for the repair of the infrastructure within 90*
315 *days. The Repair Work Plan shall include a schedule for completing the repair work and*
316 *a list of the subcontractors and material vendors to be used. Subcontractors performing*
317 *the repair work shall be in accordance with the requirements of 105 IAC 11-2-10. Only*
318 *materials on the Department's Prequalified Products List, meeting the Department's*
319 *specification requirements, or otherwise approved by the Department, shall be included in*
320 *the Repair Work Plan. If the Contractor has not submitted an approved Repair Work Plan*
321 *within 90 days after receiving Department notification of the damaged infrastructure, the*
322 *Department's DamageWise program will be notified to assess the damage and invoice the*
323 *Contractor for the anticipated or actual repair costs.*

324
325 *A Daily Work Plan shall be submitted to the Engineer at the start of each day that*
326 *work is to be performed. The Daily Work Plan shall indicate routes planned to be mowed*
327 *for the day, a list of equipment and workers being deployed for the day, and the anticipated*
328 *beginning and ending point of the work to be performed to the nearest reference post or*
329 *other identifiable roadside feature. Department approval of the Daily Work Plan is not*
330 *required for the Contractor to begin working for the day if the Daily Work Plan does not*
331 *deviate from the approved Project Work Plan.*

REVISION TO RECURRING SPECIAL PROVISIONS

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623-M-039 MOWING CYCLES, STARTING DATES, AND FAILURE TO COMPLETE MOWING ON TIME (proposed to discontinue)

623-X-XXX ROADSIDE MOWING (proposed new)

If revisions to the Project Work Plan are required due to unforeseen conditions, a request to revise the Project Work Plan shall be submitted to the Engineer. Work shall not resume until the revised Project Work Plan is approved in writing, unless unforeseen conditions pose an imminent danger to the safety or welfare of workers or the traveling public.

Upon the Contractor notifying the Engineer that a mowing cycle has been completed, the Department will inspect and either accept the completed work or notify the Contractor that additional work is required to fulfill the contract obligations for the mowing cycle. Within one business day of the Department notifying the Contractor, the Contractor shall submit to the Engineer, for approval, a proposed remedy to complete the work. The Contractor will be allotted no additional workdays to complete the contract obligations after the Department's approval of the Contractor's remedy. Time allotted for the Contractor to remedy and complete the contract obligations will be the number of remaining calendar days for the mowing cycle after the Contractor notified the Engineer that the mowing cycle has been completed. Liquidated damages will be assessed in accordance with 108.09 for failure to complete the mowing cycle within the remaining allotted time, at the daily liquidated damages rate set for the mowing cycle. The Department reserves the right to complete the inspection and notification to the Contractor up to five business days after the Contractor notifies the Engineer that a mowing cycle has been completed.

623.08 Changes and Modifications to the Contract

If the Contractor finds that existing conditions make contract modifications necessary, the Contractor shall notify the Department within 48 h and in accordance with 104.02. If work is eliminated from the contract, the Department and the Contractor may agree to add new and equivalent work to the contract in lieu of prorating the payment for the mowing cycle, in accordance with 623.10. If the scope of work modification is agreeable to both parties, the Department will issue the modification with a change order and payment will be in accordance with 109.05. Until such time as the Contractor receives a change order, the Contractor shall not act upon the modifications until both the Contractor and the Department have written documentation. The Department will reserve the right to accomplish incidental, strip, or additional mowing with its own forces and remove such work from the contract.

623.09 Method of Measurement

This work will not be measured for payment.

623.10 Basis of Payment

This work will be paid for at the contract unit price for mowing per cycle shown on the Schedule of Pay items.

Payment will be made under:

REVISION TO RECURRING SPECIAL PROVISIONS

623-M-025 ROADSIDE MOWING (proposed to discontinue)

623-M-039 MOWING CYCLES, STARTING DATES, AND FAILURE TO COMPLETE MOWING ON TIME (proposed to discontinue)

623-X-XXX ROADSIDE MOWING (proposed new)

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Pay Item

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Pay Unit Symbol

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Mowing, Cycle _____CYCL

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The cost of mowing; trimming; maintenance of traffic; coordination and reporting; repairs to damaged infrastructure, turf, trees, and other landscaping; and other necessary incidentals shall be included in the cost of this work.

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If a cycle is eliminated entirely, payment will be made in the amount of 5% of the contract price of the eliminated cycle. When more than 10% of a mowing cycle is eliminated by the Department, payment for the mowing cycle will be prorated based on the centerline miles of mowing completed by the Contractor.

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Payment for mowing each cycle will be made upon the successful completion of the mowing cycle. Partial payment will not be made for a mowing cycle which has not been accepted by the Engineer.

COMMENTS AND ACTIONS

623-M-025 ROADSIDE MOWING (proposed to discontinue)

623-M-039 MOWING CYCLES, STARTING DATES, AND FAILURE TO COMPLETE MOWING ON TIME (proposed to discontinue)

623-X-XXX ROADSIDE MOWING (proposed new)

DISCUSSION:

This item was introduced and presented by Mr. Hauser, sitting in as proxy for Mr. Novak, who explained that the current RSPs “Roadside Mowing” and “Mowing Cycles Starting Dates” are out of date. In addition, USPs have been implemented in recent years which cover the same content but with improvements. The RSPs are in need of an update to align with current mowing contract practice.

Mr. Hauser proposed to discontinue the existing old RSPs and convert the current USPs into a set of RSPs that can be incorporated throughout the state in a more consistent manner. Maintenance has requested “Roadside Mowing”, “Mowing Cycle Dates”, and “Contract Renewal & Price Adjustment” move forward as three independent RSPs that will give them flexibility on utilizing the provisions for various contract scenarios.

Prior to the meeting:

Mr. Koch inquired about the plant identification language beginning at line 87, and asked if it is our intent to have the listed species also removed or is the intent worker safety to simply identify and take protective measures? If the intent is removal how would a contractor bid these costs? Mr. Blanchard stated that he and Mr. Kraushar do not have any concerns about the bid costs since those plants are not being eradicated.

Mr. Duncan, FHWA, expressed concern about the inconsistencies of “mown” and “mowed”. The term “mown” has been changed to “mowed” as suggested by Mr. Duncan.

Mr. White expressed concern over defining mowing cycles and those revisions have been made as suggested by Mr. Blanchard.

Mr. Boruff suggested updating the Mowing Ahead signs to match the current MUTCD. Mr. Hauser agreed and those changes are as shown above.

Mr. Blanchard stated that, in discussion with the Workzone Group regarding mowing movements on the interstate system and aligning with some updates that are taking place with the IHCP, we are going to request that these items be withdrawn from the May meeting and will plan to bring back in June. Mr. Hauser concurred.

[CONTINUED ON NEXT PAGE]

COMMENTS AND ACTIONS

623-M-025 ROADSIDE MOWING (proposed to discontinue)

623-M-039 MOWING CYCLES, STARTING DATES, AND FAILURE TO COMPLETE MOWING ON TIME (proposed to discontinue)

623-X-XXX ROADSIDE MOWING (proposed new)

[CONTINUED]

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|--|--|
| <p>Motion: Mr. Hauser Second: Mr. Ayes: Nays: FHWA Approval:</p> | <p>Action:</p> <p>— Passed as Submitted — Passed as Revised <input checked="" type="checkbox"/> Withdrawn</p> |
| <p>Standard Specifications: NONE</p> <p>Recurring Special Provisions or Plan Details: 623-M-025 ROADSIDE MOWING 623-M-039 MOWING CYCLES, STARTING DATES, AND FAILURE TO COMPLETE MOWING ON TIME</p> <p>Standard Drawing affected: NONE</p> <p>Design Manual Chapter: NONE</p> <p>GIFE Section: NONE</p> | <p>— 2028 Standard Specifications — Revise Pay Items List — Notification to Designers if change is <u>not</u> addressed by RSP</p> <p>— Create RSP (No. __) Effective:</p> <p>— Revise RSP (No. __) Effective: December 2025</p> <p>— Standard Drawing Effective:</p> <p>— Create RPD (No. __) Effective:</p> <p>— GIFE Update — Frequency Manual Update — SiteManager Update</p> |

PROPOSAL TO STANDARDS COMMITTEE

PROBLEM(S) ENCOUNTERED: The current RSPs “Roadside Mowing” and “Mowing Cycles Starting Dates” are out of date. In addition, USPs have been implemented in recent years which cover the same content but with improvements. The RSPs are in need of an update to align with current mowing contract practice.

PROPOSED SOLUTION: Discontinue the existing old RSPs and convert the current USPs into a set of RSPs that can be incorporated throughout the state in a more consistent manner. Maintenance has requested “Roadside Mowing”, “Mowing Cycle Dates”, and “Contract Renewal & Price Adjustment” move forward as three independent RSPs that will give them flexibility on utilizing the provisions for various contract scenarios.

APPLICABLE STANDARD SPECIFICATIONS: N/A

APPLICABLE STANDARD DRAWINGS: N/A

APPLICABLE DESIGN MANUAL SECTION: N/A

APPLICABLE SECTION OF GIFE: N/A

APPLICABLE RECURRING SPECIAL PROVISIONS: 623-M-025, 623-M-039

PAY ITEMS AFFECTED: N/A

APPLICABLE SUB-COMMITTEE ENDORSEMENT: Ad Hoc, Matt Kraushar, Ben Smith, Jacob Blanchard

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

Required for all maintenance contracts for mowing. Shall be included with RSP 623-M-XXX (Roadside Mowing).

IMPACT ANALYSIS (attach report): Attached

Submitted By: Joe Novak
Title: State Construction Engineer
Organization: INDOT Construction Management
Phone Number: 317-501-7805

Date: 4/24/25

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? N

Will approval of this item affect the Approved Materials List? N

Will this proposal improve:

Construction costs? N/A

Construction time? N/A

Customer satisfaction? Y

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? N

AASHTO or other design code? N

Is this item editorial? N

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

REVISION TO SPECIAL PROVISIONS

623-X-XXX MOWING CYCLE DATES (proposed new)

623-M-XXX MOWING CYCLE DATES

(Adopted xx-xx-25)

Calendar days allotted for the completion of each mowing cycle will start being counted on the starting date shown in the written notification from the Department, regardless of the date the Contractor begins mowing. Notification to begin each cycle will be given to the Contractor approximately one week prior to the starting dates listed in the following table, or as directed by the Engineer. A mowing cycle may be adjusted, partially eliminated, or eliminated entirely based on unexpected weather, growing conditions, height of vegetation, and unexpected road conditions. Requests for time extensions shall be in accordance with 108.08. Payment for partially eliminated and completely eliminated mowing cycles will be in accordance with 623.0910.

The Contractor shall not begin mowing prior to the start date in the notification to begin the mowing cycle. All work completed prior to the start date will not be paid.

No payment will be made for the mowing cycle until the mowing cycle work is complete.

| CYCLE | START OF MOWING CYCLE | ALLOTTED CALENDAR DAYS FOR COMPLETION |
|-------|-----------------------|---------------------------------------|
| | | |
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Liquidated damages of \$_____ per calendar day will be assessed in accordance with 108.09 for each mowing cycle not completed within the allotted calendar days.

COMMENTS AND ACTION

623-X-XXX MOWING CYCLE DATES (proposed new)

DISCUSSION:

This item was introduced and presented by Mr. Hauser, sitting in as proxy for Mr. Novak, who explained that the current RSPs “Roadside Mowing” and “Mowing Cycles Starting Dates” are out of date. In addition, USPs have been implemented in recent years which cover the same content but with improvements. The RSPs are in need of an update to align with current mowing contract practice.

Mr. Hauser proposed to discontinue the existing old RSPs and convert the current USPs into a set of RSPs that can be incorporated throughout the state in a more consistent manner. Maintenance has requested “Roadside Mowing”, “Mowing Cycle Dates”, and “Contract Renewal & Price Adjustment” move forward as three independent RSPs that will give them flexibility on utilizing the provisions for various contract scenarios.

Prior to the meeting:

Mr. Koch suggested a wording adjustment by replacing “start being counted” with “begin”. Mr. Koch also asked if 623.09 is the correct reference? 623.10 contains 5% for eliminated cycles and prorating language. Mr. Koch is correct and the typo has been correct to reference 623.10.

Mr. Blanchard stated that, in discussion with the Workzone Group regarding mowing movements on the interstate system and aligning with some updates that are taking place with the IHCP, we are going to request that these items be withdrawn from the May meeting and will plan to bring back in June. Mr. Hauser concurred.

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|---|---|
| <p>Motion: Mr. Hauser Second: Mr. Ayes: Nays: FHWA Approval:</p> | <p><u>Action:</u></p> <p><input type="checkbox"/> Passed as Submitted <input type="checkbox"/> Passed as Revised <input checked="" type="checkbox"/> Withdrawn</p> |
| <p>Standard Specifications Sections: NONE</p> <p>Recurring Special Provisions or Plan Details: (proposed new)</p> <p>Standard Drawing affected: NONE</p> <p>Design Manual Chapter: NONE</p> <p>GIFE Section: NONE</p> | <p><input type="checkbox"/> 2028 Standard Specifications <input type="checkbox"/> Revise Pay Items List <input type="checkbox"/> Notification to Designers if change is <u>not</u> addressed by RSP</p> <p><input type="checkbox"/> Create RSP (No. __) Effective:</p> <p><input type="checkbox"/> Revise RSP (No. __) Effective: December 2025</p> <p><input type="checkbox"/> Standard Drawing Effective:</p> <p><input type="checkbox"/> Create RPD (No. __) Effective:</p> <p><input type="checkbox"/> GIFE Update <input type="checkbox"/> Frequency Manual Update <input type="checkbox"/> SiteManager Update</p> |

PROPOSAL TO STANDARDS COMMITTEE

PROBLEM(S) ENCOUNTERED: The current RSPs “Roadside Mowing” and “Mowing Cycles Starting Dates” are out of date. In addition, USPs have been implemented in recent years which cover the same content but with improvements. The RSPs are in need of an update to align with current mowing contract practice.

PROPOSED SOLUTION: Discontinue the existing old RSPs and convert the current USPs into a set of RSPs that can be incorporated throughout the state in a more consistent manner. Maintenance has requested “Roadside Mowing”, “Mowing Cycle Dates”, and “Contract Renewal & Price Adjustment” move forward as three independent RSPs that will give them flexibility on utilizing the provisions for various contract scenarios.

APPLICABLE STANDARD SPECIFICATIONS: N/A

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: N/A

APPLICABLE SUB-COMMITTEE ENDORSEMENT: Ad Hoc, Matt Kraushar, Ben Smith, Jacob Blanchard

IF APPROVED AS RECURRING SPECIAL PROVISION OR PLAN DETAILS, PROPOSED BASIS FOR USE:
Required for all maintenance contracts for mowing and herbicide. Shall be included with RSP 623-M-XXX (Roadside Mowing) or with 624-M-040 (Herbicide Formula and Application).

IMPACT ANALYSIS (attach report): Attached

Submitted By: Joe Novak

Title: State Construction Engineer
Organization: INDOT Construction Management
Phone Number: 317-501-7805
Date: 4/24/25

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? N

Will approval of this item affect the Approved Materials List? N

Will this proposal improve:

Construction costs? N/A

Construction time? N/A

Customer satisfaction? Y

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? N

AASHTO or other design code? N

Is this item editorial? N

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

REVISION TO SPECIAL PROVISIONS

623-X-XXX CONTRACT RENEWAL AND PRICE ADJUSTMENT (proposed new)

623-M-XXX CONTRACT RENEWAL AND PRICE ADJUSTMENT

(Adopted XX-XX-25)

This contract is for a period of one calendar year and may be extended additional calendar years if mutually agreeable to the Contractor and the Department. The contract may be renewed up to five times on an annual basis for a total of five years.

The original unit bid price of the Contract may be revised with a price increase for up to 2% of the original contract amount at the request of the Contractor at the time of each one-year contract renewal. Subsequent contract renewal price increases will be capped at 2% of the original contract value for each renewal, and not 2% of the previously increased contract value. The request shall be accompanied by a justification for the increase and shall be received at least 30 calendar days prior to the requested date for contract renewal.

The Contractor shall notify the Department in writing of their intent to renew the contract before August 15 of each year.

Termination of the contract shall be in accordance with 108.10 and 108.11.

COMMENTS AND ACTION

623-X-XXX CONTRACT RENEWAL AND PRICE ADJUSTMENT (proposed new)

DISCUSSION:

This item was introduced and presented by Mr. Hauser, sitting in as proxy for Mr. Novak, who explained that the current RSPs “Roadside Mowing” and “Mowing Cycles Starting Dates” are out of date. In addition, USPs have been implemented in recent years which cover the same content but with improvements. The RSPs are in need of an update to align with current mowing contract practice.

Mr. Hauser proposed to discontinue the existing old RSPs and convert the current USPs into a set of RSPs that can be incorporated throughout the state in a more consistent manner. Maintenance has requested “Roadside Mowing”, “Mowing Cycle Dates”, and “Contract Renewal & Price Adjustment” move forward as three independent RSPs that will give them flexibility on utilizing the provisions for various contract scenarios.

Mr. Blanchard stated that, in discussion with the Workzone Group regarding mowing movements on the interstate system and aligning with some updates that are taking place with the IHCP, we are going to request that these items be withdrawn from the May meeting and will plan to bring back in June. Mr. Hauser concurred.

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| <p>Motion: Mr. Hauser Second: Mr. Ayes: Nays: FHWA Approval:</p> | <p><u>Action:</u></p> <p><input type="checkbox"/> Passed as Submitted <input type="checkbox"/> Passed as Revised <input checked="" type="checkbox"/> Withdrawn</p> |
| <p>Standard Specifications Sections:</p> <p>Recurring Special Provisions or Plan Details: (proposed new)</p> <p>Standard Drawing affected: NONE</p> <p>Design Manual Chapter: NONE</p> <p>GIFE Section: NONE</p> | <p><input type="checkbox"/> 2028 Standard Specifications <input type="checkbox"/> Revise Pay Items List <input type="checkbox"/> Notification to Designers if change is <u>not</u> addressed by RSP</p> <p><input type="checkbox"/> Create RSP (No. __) Effective: <u>December 2025</u></p> <p><input type="checkbox"/> Revise RSP (No. __) Effective:</p> <p><input type="checkbox"/> Standard Drawing Effective:</p> <p><input type="checkbox"/> Create RPD (No. __) Effective:</p> <p><input type="checkbox"/> GIFE Update <input type="checkbox"/> Frequency Manual Update <input type="checkbox"/> SiteManager Update</p> |

PROPOSAL TO STANDARDS COMMITTEE

PROBLEM(S) ENCOUNTERED: Determination of the aggregate correction factor for AASHTO T-152 (plastic air content) is highly subjective to the tester as well as to the physical properties of aggregates and haul time of the concrete.

PROPOSED SOLUTION: The Division of Materials and Tests conducted an investigation to understand the influencing parameters of the aggregates and their impact on the aggregate correction factor. The investigation concluded that it is reasonable to use fixed aggregate correction values instead of determining the values in the field. Therefore, remove the requirement to determine the aggregate correction in the field and assigned set values based on the coarse aggregate absorption.

APPLICABLE STANDARD SPECIFICATIONS: 505.01(e)

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, and INDOT-Pavement Committees

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: 1/17/2025

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? 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:

REVISION TO STANDARD SPECIFICATIONS

SECTION 505 – TESTS AND PROCEDURES

505.01(e) Exceptions to AASHTO T 152

(Note: Proposed changes shown highlighted gray.
Proposed changes shown to 2024 Standard Specifications.)

The Standard Specifications are revised as follows:

SECTION 505, BEGIN LINE 63, DELETE AND INSERT AS FOLLOWS:

(e) Exceptions to AASHTO T 152

The exceptions to AASHTO T 152 for determining the air content in ~~portland cement~~ concrete shall be as follows:

- ~~1. The sample for aggregate correction factor shall be prepared in accordance with 6.0. The aggregate correction factor shall be determined in accordance with 8.3 and read directly from the meter. The aggregate correction factor shall be based on the absorption percentage of the coarse aggregate as shown in the table below.~~

| <i>Absorption of Coarse Aggregate, %</i> | <i>Aggregate Correction Factor, %</i> |
|--|---------------------------------------|
| ≤ 4.00 | 0.0 |
| $4.01 - \leq 4.50$ | 0.5 |
| > 4.50 | 1.0 |

- ~~2. The aggregate correction factor test shall be re-run for confirmation if the test results for gravel is greater than 0.4% or if the test results for crushed stone is greater than 0.6%.~~
- ~~3. For aggregates indicating a high correction factor, the aggregate may be washed from the concrete sample and used to determine the correction factor.~~

COMMENTS AND ACTION

505.01(e) Exceptions to AASHTO T 152

DISCUSSION:

Mr. Reilman introduced and presented this item stating that the determination of the aggregate correction factor for AASHTO T-152, plastic air content, is highly subjective to the tester as well as to the physical properties of aggregates and haul time of the concrete.

The Division of Materials and Tests conducted an investigation to understand the influencing parameters of the aggregates and their impact on the aggregate correction factor. The investigation concluded that it is reasonable to use fixed aggregate correction values instead of determining the values in the field. Therefore, Mr. Reilman proposed to remove the requirement to determine the aggregate correction in the field and assigned set values based on the coarse aggregate absorption.

Mr. Koch mentioned that it appears field personnel will be able to determine the absorption from the CMDS. If a blend of coarse aggregates are used how should the value be calculated?

Mr. Nelson responded that the agg correction is being built into a new version of the CMD spreadsheet and the first tab will show the agg correction factor. Therefore, construction personnel will not have to figure it out. The value will be based on a weighted average of CA 1 and CA 2. However, there are very few agg sources that exceed 4.00% absorption, and it will be an extremely rare scenario where the average would be swayed by CA2 that is typically only about 30% of the total coarse agg.

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

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| <p>Motion: Mr. Reilman Second: Mr. Koch Ayes: 9 Nays: 0 FHWA Approval: YES</p> | <p><u>Action:</u></p> <p><input checked="" type="checkbox"/> Passed as Submitted <input type="checkbox"/> Passed as Revised <input type="checkbox"/> Withdrawn</p> |
| <p>2024 Standard Specifications Sections: 505.01 pg. 445.</p> <p>Recurring Special Provisions or Plan Details:</p> <p>NONE</p> <p>Standard Drawing affected: NONE</p> <p>Design Manual Chapter: NONE</p> <p>GIFE Section: NONE</p> | <p>2028 Standard Specifications <input type="checkbox"/> Revise Pay Items List <input type="checkbox"/> Notification to Designers if change is <u>not</u> addressed by RSP</p> <p><input checked="" type="checkbox"/> Create RSP (No. 505-R-795) Effective: December 1, 2025</p> <p><input type="checkbox"/> Revise RSP (No. __) Effective:</p> <p><input type="checkbox"/> Standard Drawing Effective:</p> <p><input type="checkbox"/> Create RPD (No. __) Effective:</p> <p><input type="checkbox"/> GIFE Update <input type="checkbox"/> Frequency Manual Update <input type="checkbox"/> SiteManager Update</p> |

PROPOSAL TO STANDARDS COMMITTEE

PROBLEM(S) ENCOUNTERED: The DBE Final Rule published in April 2024 in the Federal Register, revised 49 CFR Part 26 to create a new type of DBE credit called “Distributor” and clarified the other types of DBE credit available on a federal-aid project.

PROPOSED SOLUTION: Revise RSP 103-C-269 to include a requirement to use the US DOT’s form/tool to ensure accurate reporting.

APPLICABLE STANDARD SPECIFICATIONS: n/a

APPLICABLE STANDARD DRAWING: n/a

APPLICABLE DESIGN MANUAL CHAPTER: n/a

APPLICABLE SECTION OF GIFE: n/a

APPLICABLE RECURRING SPECIAL PROVISION OR PLAN DETAILS: 103-C-269 SUBMITTAL OF DBE QUOTES.

PAY ITEMS AFFECTED: n/a

APPLICABLE SUB-COMMITTEE ENDORSEMENT: Kathryn Daniels, *Contract Compliance Program Manager*, Business Opportunity Initiative Division.

IF APPROVED AS RECURRING SPECIAL PROVISION OR PLAN DETAILS, PROPOSED BASIS FOR USE: Same as existing.

IMPACT ANALYSIS (attach report): attached

Submitted By: Joe Novak

Title: State Construction Engineer

Division: Construction Management

E-mail: jnovak@indot.in.gov

Date: 5/5/25

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? 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? no

Asset preservation? no

Design process? no

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? 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:

REVISION TO SPECIAL PROVISIONS

103-C-269 SUBMITTAL OF DBE QUOTES

(Note: Proposed changes shown highlighted gray)

103-C-269 SUBMITTAL OF DBE QUOTES *AND DBE SUPPLIER FORM*

(Adopted 06-17-21)

The Contractor that is the apparent low bidder on a contract that specifies a DBE goal shall submit to the Department the quotes received from DBE firms listed on the Affirmative Action Certification, in accordance with 103.01, no later than 24 h after the time specified in the Notice To Contractors for receipt of bids.

If applicable to any firm listed on the Affirmative Action Certification, the Contractor shall also submit the completed DBE Supplier Regular Dealer/Distributor Affirmation Form at the time of the quote submittal. The DBE Supplier Regular Dealer/Distributor Affirmation Form ~~must~~shall be completed by the DBE supplier and accompany the firm's quote. A copy of the form is available on the Department's Contract Letting Information webpage.

To submit the documents, the Contractor shall attach the documents to an email sent to the following address:

DBEQuotes@indot.in.gov

To ensure that the electronic documents are placed in the correct contract folder with a date and time stamp and that they cannot be altered, the subject line of the email shall contain the following information in the exact format shown:

CompanyNameDocumentTitleLettingDate-ContractNumber

The subject line shall contain no spaces, periods, commas, apostrophes or other punctuation marks other than the one hyphen indicated between CompanyNameDocumentTitleLettingDate and ContractNumber.

LettingDate shall be in the format MMDDYY.

ContractNumber shall be in the format AA####Z, where AA is the 1 or 2 letter prefix, ##### is the 5 digit number and Z is the 1 letter suffix.

The following is an example of the subject line for the Jones Construction Co., Inc., submitting DBE quotes for contract IR 30999-A for a March 10, 2021 letting:

JonesConstructionCoIncDBEQuotes031021-IR30999A

COMMENTS AND ACTION

103-C-269 SUBMITTAL OF DBE QUOTES

DISCUSSION:

This item was introduced and presented by Mr. Hauser, for Mr. Novak, who explained that the DBE Final Rule published in April 2024 in the Federal Register, revised 49 CFR Part 26 to create a new type of DBE credit called "Distributor" and clarified the other types of DBE credit available on a federal-aid project.

Mr. Hauser proposed to revise RSP 103-C-269 to include a requirement to use the US DOT's form/tool to ensure accurate reporting.

Minor revisions were made as suggested by Mr. Wooden.

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

| | |
|---|---|
| <p>Motion: Mr. Hauser Second: Mr. Koch Ayes: 9 Nays: 0 Absent: 1 FHWA Approval: YES</p> | <p><u>Action:</u></p> <p><input type="checkbox"/> Passed as Submitted <input checked="" type="checkbox"/> Passed as Revised <input type="checkbox"/> Withdrawn</p> |
| <p>2024 Standard Specifications Sections: Section 103 pg. 14 - 31.</p> <p>Recurring Special Provisions or Plan Details: 103-C-269 SUBMITTAL OF DBE QUOTES</p> <p>Standard Drawing affected: NONE</p> <p>Design Manual Chapter: NONE</p> <p>GIFE Section: NONE</p> | <p><input type="checkbox"/> 2028 Standard Specifications <input type="checkbox"/> Revise Pay Items List <input type="checkbox"/> Notification to Designers if change is <u>not</u> addressed by RSP</p> <p><input type="checkbox"/> Create RSP (No. __) Effective:</p> <p><input checked="" type="checkbox"/> Revise RSP (No. 103-C-269) Effective: July 1, 2025</p> <p><input type="checkbox"/> Standard Drawing Effective:</p> <p><input type="checkbox"/> Create RPD (No. __) Effective:</p> <p><input type="checkbox"/> GIFE Update <input type="checkbox"/> Frequency Manual Update <input type="checkbox"/> SiteManager Update</p> |

PROPOSAL TO STANDARDS COMMITTEE

PROBLEM(S) ENCOUNTERED: The Department has concerns with durability and performance of concrete made with portland-limestone cement (type 1L) that contains limestone in excess of 10.0%.

PROPOSED SOLUTION: Limit the maximum content of limestone in portland-limestone cement (type 1L) used on Department contracts to 10.0%.

APPLICABLE STANDARD SPECIFICATIONS: 901.01

APPLICABLE STANDARD DRAWINGS: None

APPLICABLE DESIGN MANUAL SECTION: None

APPLICABLE SECTION OF GIFE: None

APPLICABLE RECURRING SPECIAL PROVISIONS: create new 901 RSP

PAY ITEMS AFFECTED: None

APPLICABLE SUB-COMMITTEE ENDORSEMENT: Ad Hoc: Matt Beeson, Roland Fegan, Tommy Nantung, 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: 5/9/25

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? No

Construction time? Yes

Customer satisfaction? Yes

Congestion/travel time? N/A

Ride quality? N/A

Will this proposal reduce operational costs or maintenance effort? Yes

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? N/A

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 STANDARD SPECIFICATIONS

SECTION 901 – PCC MATERIALS
901.01(b) Portland Cement

(Note: Proposed changes shown highlighted gray)

The Standard Specifications are revised as follows:

SECTION 901, BEGIN LINE 22, DELETE AND INSERT AS FOLLOWS:

(b) Portland Cement

Portland cement shall conform to the requirements of the following specifications except as noted.

1. Requirements

| Cement | Specifications |
|---|---------------------------------|
| Air-Entraining Portland Blast-Furnace Slag Cement | AASHTO M 240, Type IS-A |
| Air-Entraining Portland Cement | AASHTO M 85, Type IA or IIIA |
| Air-Entraining Portland-Pozzolan Cement | AASHTO M 240, Type IP-A |
| Portland Blast-Furnace Slag Cement | AASHTO M 240, Type IS |
| Portland Cement | AASHTO M 85, Type I, II, or III |
| Portland-Limestone Cement | AASHTO M 240, Type IL(8) |
| Portland-Pozzolan Cement | AASHTO M 240, Type IP |

The exceptions to AASHTO M 240 are as follows:

a. The limestone content in portland limestone cement shall be less than or equal to 10.0% by mass of the blended cement. Section 7.1.5, the limestone content in the portland-limestone cement shall be more than 5% but less than or equal to 10% by mass of the blended cement.

ab. The amount of pozzolan shall be limited to 20% ±5% by weight of the portland-pozzolan cement for types IP and IP-A.

bc. The pozzolan in the portland-pozzolan cements, types IP and IP-A, shall be in accordance with ASTM C618, class C or class F with the loss on ignition of the pozzolan limited to a maximum of 3%.

ed. The pozzolan in the portland-pozzolan cements, types IP and IP-A, shall be interground with the portland cement clinker.

2. Acceptance Criteria

Portland cements and blended cements will be accepted based upon the manufacturer's or distributor's documented ability to consistently furnish these materials in accordance with the applicable AASHTO requirements.

COMMENTS AND ACTION

901.01(b) Portland Cement

DISCUSSION:

Mr. Reilman introduced and presented this item stating that the Department has concerns with durability and performance of concrete made with portland-limestone cement (type 1L) that contains limestone in excess of 10.0%.

Mr. Reilman proposed to limit the maximum content of limestone in portland-limestone cement (type 1L) used on Department contracts to 10.0%.

Following comments received prior to the meeting, and for additional clarification, Mr. Reilman proposed the revised language as shown.

Mr. White asked about the minimum content shown and Mr. Reilman clarified that if it is under 5%, then it doesn't meet the definition of a portland limestone cement.

Mr. Paul Tennis, from cement industry, inquired about issues with changing the limestone content in the PLC for durability concerns.

Mr. Reilman responded that so far what we've seen appears to be scaling that's visible. There's other things that we're maybe not sure all what else might be going on., either microscopically or deeper down.

Mr. Pankow added that issues we're looking at though are also potential cracking. Our flex strengths are lower. Or don't get to where they need to be. So those are just things that we're seeing.

Mr. Tennis responded that "my understanding, and I haven't been following Indiana dot specifications particularly closely, but my understanding is that there's been other Concrete changes that have taken place in this similar time frame, including issues with or not issues, changes to water, cement ratio, curing practices and use of Colloidal silica products. Mr. Tennis also asked about de icing materials or other practices.

Mr. Reilman said that he is not aware that there been any changes that the department has done on that.

Further discussion ensued by Mr. Reilman, Mr. Pankow and Mr. Tennis about the 1L characteristics such as water content or water/cement ratio and curing practices and other kinds of stresses, and the need to make an improvement to the specs to mitigate these kinds of durability concerns.

Mr. Pankow stated that we've been working on this since last year. We haven't seen a lot of change. We're still having problems. So you have time to do some more research or do whatever you need to do. We're doing research. And then we have meetings still going on. So that's something that might be good for you to take part in if you wish to do so. So we already have a task group that's meeting on a regular basis. We have a couple research projects with Purdue we're working on as well.

Mr. Chris Tull, representing the Indiana ready Mix Concrete association, stated that the ready mixed industry agrees with your comments, Paul. Just wanted to be clear that this decision is made from some visual expectations of decks and I know that INDOT has gone out, or some people gone out and looked at a lot of decks and saw some scaling. I think there's been some microscopic investigation, of course, taken from field cured beams. It is my understanding that there is no microscopic investigation of cores taken from any of the questionable structures or pavements. A petrographic analysis with a very well-trained concrete petrographer would be useful in formalizing the technical basis for the distress.

Mr. Pankow responded that we don't disagree with that, and we're looking into that potential. Mr. Tull said that the association would like to partner with the Department in that endeavor. Petrographic analysis is kind of slow and it's expensive.

Further discussion ensued as to how to make all of this happen.

It was agreed to make this RSP effective in September 2025.

COMMENTS AND ACTION

901.01(b) Portland Cement

There was no further relevant discussion and this item passed as revised.

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| <p>Motion: Mr. Reilman Second: Mr. Boruff Ayes: 9 Nays: 0 Absent: 1 FHWA Approval: YES</p> | <p>Action:</p> <p><input type="checkbox"/> Passed as Submitted <input checked="" type="checkbox"/> Passed as Revised <input type="checkbox"/> Withdrawn</p> |
| <p>2024 Standard Specifications Sections: Section 901 pg. 967 - 968.</p> <p>Recurring Special Provisions or Plan Details: NONE</p> <p>Standard Drawing affected: NONE</p> <p>Design Manual Chapter: NONE</p> <p>GIFE Section: NONE</p> | <p><input type="checkbox"/> 2028 Standard Specifications <input type="checkbox"/> Revise Pay Items List <input type="checkbox"/> Notification to Designers if change is <u>not</u> addressed by RSP</p> <p><input checked="" type="checkbox"/> Create RSP (No. <u>901-M-069</u>) Effective: <u>September 1, 2025</u></p> <p><input type="checkbox"/> Revise RSP (No. __) Effective:</p> <p><input type="checkbox"/> Standard Drawing Effective:</p> <p><input type="checkbox"/> Create RPD (No. __) Effective:</p> <p><input type="checkbox"/> GIFE Update <input type="checkbox"/> Frequency Manual Update <input type="checkbox"/> SiteManager Update</p> |