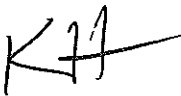




Illinois Department of Transportation

Memorandum

To: *

From: Kevin Horst 

Subject: Special Provision Changes

Date: April 30, 2024

The following special provisions have been revised for the **August 2, 2024** and **September 20, 2024** lettings: Please revise your special provision books as indicated.

Recurring Special Provisions

No changes.

Interim Special Provisions (BDE)

ISP Number	Description
Alphabetic ISP Index (Revised)	Remove existing alphabetic index and insert revised index.
Numerical ISP Index (Revised)	Remove existing numeric index and insert revised index.
1061.03 (New)	“Waterproofing Membrane System (BDE)” This special provision was developed by the Central Bureau of Materials to update the specifications for coal tar pitch emulsion used in the waterproofing membrane system to represent an available and approved emulsion on the market today. This special provision should be inserted into contracts using the pay item WATERPROOFING MEMBRANE SYSTEM.
1095.03 (New)	“Preformed Plastic Pavement Marking (BDE)” This special provision was developed by the Central Bureau of Materials (CBM) to correct a typographical error in the 2022 Standard Specifications for the minimum refractive index of glass beads in Type D preformed plastic pavement markings and to clarify that manufacturers are required to get pre-approval from CBM for all types of preformed plastic markings. This special provision should be inserted into contracts with PREFORMED PLASTIC PAVEMENT MARKING.
1095.06 (Revised)	“Short Term and Temporary Pavement Markings (BDE)” Revised to allow Type I tape for applications of 14 days or fewer, correct the thickness and skid resistance of Type IV tape, clarify that Type IV tape requires manufacturer pre-approval, and to differentiate blackout tape as its own category. This special provision should be inserted into contracts with short term or temporary pavement markings.

MEMO – Special Provision Manual Changes
Page Two
April 30, 2024

District Special Provisions

No changes.

General Notes

No changes.

KH:tdp:S:\MGR2\WINWORD\Special Provisions\PL_Completed SP\Special Provisions Memo Changes.docx

Attachment(s)

cc: * S&P Engineer Team 3 Team 7 Team 11 Local Roads (T. Sassine)
T. Phillips Team 4 Team 8 Team 12 Operations (M. Eckhoff)
Team 1 Team 5 Team 9 Geometrics (R. Julich) Materials (D. Parish)
Team 2 Team 6 Team 10 Bridges Hydraulics (J. Jochums)
L. Hayworth

**First Page
&
Index for
Supplemental Specifications
and
Recurring Special Provisions**

Current Lettings

(August 2, 2024 & September 20, 2024 Lettings)

STATE OF ILLINOIS

SPECIAL PROVISIONS

The following Special Provisions supplement the "Standard Specifications for Road and Bridge Construction, adopted January 1, 2022 (revised January 1, 2024)", the latest edition of the "Manual on Uniform Traffic Control Devices for Streets and Highways", and the "Manual of Test Procedures for Materials" in effect on the date of invitation for bids, and the "Supplemental Specifications and Recurring Special Provisions" indicated on the Check Sheet included herein, and the "Recommended Standards for Water Works", (Ten State Standards), latest edition, which apply to and govern the construction of

and in case of conflict with any part, or parts, of said Specifications, the said Special Provisions shall take precedence and shall govern.

LOCATION OF PROJECT

DESCRIPTION OF PROJECT

INDEX
FOR
SUPPLEMENTAL SPECIFICATIONS
AND RECURRING SPECIAL PROVISIONS

Adopted January 1, 2024

This index contains a listing of SUPPLEMENTAL SPECIFICATIONS and frequently used RECURRING SPECIAL PROVISIONS.

ERRATA Standard Specifications for Road and Bridge Construction (Adopted 1-1-22) (Revised 1-1-24)

SUPPLEMENTAL SPECIFICATIONS

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204	Borrow and Furnished Excavation	2
207	Porous Granular Embankment	3
211	Topsoil and Compost	4
407	Hot-Mix Asphalt Pavement (Full-Depth)	5
420	Portland Cement Concrete Pavement	6
502	Excavation for Structures	7
509	Metal Railings	8
540	Box Culverts	9
542	Pipe Culverts	29
586	Granular Backfill for Structures	34
630	Steel Plate Beam Guardrail	35
644	High Tension Cable Median Barrier	36
665	Woven Wire Fence	37
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801	Electrical Requirements	40
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1061	Waterproofing Membrane System	49
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RECURRING SPECIAL PROVISIONS

The following RECURRING SPECIAL PROVISIONS indicated by an "X" are applicable to this contract and are included by reference:

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1	Additional State Requirements for Federal-Aid Construction Contracts	59
2	Subletting of Contracts (Federal-Aid Contracts)	62
3	EEO	63
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9	Construction Layout Stakes	87
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BDE Special Provisions Checklist

August 2, 2024 & September 20, 2024 Lettings

BDE SPECIAL PROVISIONS
For the August 2 and September 20, 2024 Lettings

The following special provisions indicated by a "check mark" are applicable to this contract and will be included by the Project Coordination and Implementation Section of the Bureau of Design & Environment (BDE).

File Name #	Special Provision Title	Effective	Revised
80099 1	<input type="checkbox"/> Accessible Pedestrian Signals (APS)	April 1, 2003	Jan. 1, 2022
80274 2	<input type="checkbox"/> Aggregate Subgrade Improvement	April 1, 2012	April 1, 2022
80192 3	<input type="checkbox"/> Automated Flagger Assistance Devices	Jan. 1, 2008	April 1, 2023
80173 4	<input type="checkbox"/> Bituminous Materials Cost Adjustments	Nov. 2, 2006	Aug. 1, 2017
80426 5	<input type="checkbox"/> Bituminous Surface Treatment with Fog Seal	Jan. 1, 2020	Jan. 1, 2022
* 80241 6	<input type="checkbox"/> Bridge Demolition Debris	July 1, 2009	
* 50531 7	<input type="checkbox"/> Building Removal	Sept. 1, 1990	Aug. 1, 2022
* 50261 8	<input type="checkbox"/> Building Removal with Asbestos Abatement	Sept. 1, 1990	Aug. 1, 2022
80449 9	<input type="checkbox"/> Cement, Type II	Aug. 1, 2023	
80384 10	<input checked="" type="checkbox"/> Compensable Delay Costs	June 2, 2017	April 1, 2019
* 80198 11	<input type="checkbox"/> Completion Date (via calendar days)	April 1, 2008	
* 80199 12	<input type="checkbox"/> Completion Date (via calendar days) Plus Working Days	April 1, 2008	
80453 13	<input type="checkbox"/> Concrete Sealer	Nov. 1, 2023	
80261 14	<input type="checkbox"/> Construction Air Quality – Diesel Retrofit	June 1, 2010	Nov. 1, 2014
80434 15	<input type="checkbox"/> Corrugated Plastic Pipe (Culvert and Storm Sewer)	Jan. 1, 2021	
* 80029 16	<input checked="" type="checkbox"/> Disadvantaged Business Enterprise Participation	Sept. 1, 2000	Mar. 2, 2019
80229 17	<input type="checkbox"/> Fuel Cost Adjustment	April 1, 2009	Aug. 1, 2017
80452 18	<input type="checkbox"/> Full Lane Sealant Waterproofing System	Nov. 1, 2023	
80447 19	<input type="checkbox"/> Grading and Shaping Ditches	Jan. 1, 2023	
80433 20	<input type="checkbox"/> Green Performed Thermoplastic Pavement Markings	Jan. 1, 2021	Jan. 1, 2022
80443 21	<input type="checkbox"/> High Tension Cable Median Barrier Removal	April 1, 2022	
80456 22	<input type="checkbox"/> Hot-Mix Asphalt	Jan. 1, 2024	
80446 23	<input type="checkbox"/> Hot-Mix Asphalt - Longitudinal Joint Sealant	Nov. 1, 2022	Aug. 1, 2023
80438 24	<input type="checkbox"/> Illinois Works Apprenticeship Initiative – State Funded Contracts	June 2, 2021	April 2, 2024
80045 25	<input type="checkbox"/> Material Transfer Device	June 15, 1999	Jan. 1, 2022
80450 26	<input type="checkbox"/> Mechanically Stabilized Earth Retaining Walls	Aug. 1, 2023	
80441 27	<input type="checkbox"/> Performance Graded Asphalt Binder	Jan. 1, 2023	
80451 28	<input type="checkbox"/> Portland Cement Concrete	Aug. 1, 2023	
80459 29	<input type="checkbox"/> Preformed Plastic Pavement Marking	June 2, 2024	
* 34261 30	<input type="checkbox"/> Railroad Protective Liability Insurance	Dec. 1, 1986	Jan. 1, 2022
80455 31	<input checked="" type="checkbox"/> Removal and Disposal of Regulated Substances	Jan. 1, 2024	April 1, 2024
80445 32	<input type="checkbox"/> Seeding	Nov. 1, 2022	
80457 33	<input type="checkbox"/> Short Term and Temporary Pavement Markings	April 1, 2024	April 2, 2024
80448 34	<input type="checkbox"/> Source of Supply and Quality Requirements	Jan. 2, 2023	
80340 35	<input type="checkbox"/> Speed Display Trailer	April 2, 2014	Jan. 1, 2022
80127 36	<input type="checkbox"/> Steel Cost Adjustment	April 2, 2004	Jan. 1, 2022
80397 37	<input checked="" type="checkbox"/> Subcontractor and DBE Payment Reporting	April 2, 2018	
80391 38	<input checked="" type="checkbox"/> Subcontractor Mobilization Payments	Nov. 2, 2017	April 1, 2019
80437 39	<input checked="" type="checkbox"/> Submission of Payroll Records	April 1, 2021	Nov. 2, 2023
80435 40	<input type="checkbox"/> Surface Testing of Pavements – IRI	Jan. 1, 2021	Jan. 1, 2023
80410 41	<input type="checkbox"/> Traffic Spotters	Jan. 1, 2019	
* 20338 42	<input type="checkbox"/> Training Special Provisions	Oct. 15, 1975	Sept. 2, 2021
80429 43	<input type="checkbox"/> Ultra-Thin Bonded Wearing Course	April 1, 2020	Jan. 1, 2022
80439 44	<input type="checkbox"/> Vehicle and Equipment Warning Lights	Nov. 1, 2021	Nov. 1, 2022
80458 45	<input type="checkbox"/> Waterproofing Membrane System	Aug. 1, 2024	
80302 46	<input checked="" type="checkbox"/> Weekly DBE Trucking Reports	June 2, 2012	Nov. 1, 2021
80454 47	<input type="checkbox"/> Wood Sign Support	Nov. 1, 2023	
80427 48	<input type="checkbox"/> Work Zone Traffic Control Devices	Mar. 2, 2020	
* 80071 49	<input type="checkbox"/> Working Days	Jan. 1, 2002	

Highlighted items indicate a new or revised special provision for the letting.

An * indicates the special provision requires additional information from the designer, which needs to be submitted separately. The Project Coordination and Implementation Section will then include the information in the applicable special provision.

The following special provisions are in the 2024 Supplemental Specifications and Recurring Special Provisions.

<u>File Name</u>	<u>Special Provision Title</u>	<u>New Location(s)</u>	<u>Effective</u>	<u>Revised</u>
80436	Blended Finely Divided Minerals	Articles 1010.01 & 1010.06	April 1, 2021	
80440	Waterproofing Membrane System	Article 1061.05	Nov. 1, 2021	

**Special Provisions Generated Checklist
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August 2, 2024 & September 20, 2024 Lettings

SPECIAL PROVISIONS CHECK LIST

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Designer: _____ **FAP:** _____
Contract No.: _____ **Section:** _____
Lettings: 08/2/2024 & 9/20/2024 **County:** _____

√	Dir	File Name	Spec Title	Spec Dates
	BRG\	APSLRP-1.docx	Approach Slab Repair	E 3/13/97
	DES\	00000.docx	STATE OF ILLINOIS	E 1/1/22 R 1/1/24
	DES\	10500.docx	Construction Station Layout	E 7/30/10
	DES\	10501.docx	Construction Layout Responsibility	E 4/26/15 R 1/1/22
	DES\	10502.docx	Construction Layout Utilizing GPS Equipment	E 4/26/15 R 1/1/22
	DES\	10503.docx	Construction Layout Equipment	E 4/26/15 R 11/6/15
	DES\	10507.docx	Removal of Abandoned Underground Utilities	E 1/15/96 R 11/21/96
	DES\	10507a.docx	Status of Utilities/Utilities To Be Adjusted	E 1/21/05 R 1/1/22
	DES\	10507b.docx	Utilities - Locations/Information on Plans	E 11/8/13
	DES\	10712.docx	Requirements When Working with the Railroad	E 4/1/16 R 4/1/22
	DES\	10713a.docx	Protection of the Illinois River	E 8/1/22 R 10/1/22
	DES\	10713b.docx	Maintenance of Navigation	E 8/1/22 R 10/1/22
	DES\	10731.docx	Location of Underground State Maintained Facilities	E 8/3/07 R 7/31/09
	DES\	10732.docx	Right-of-Way Restrictions	E 7/1/94
	DES\	10805a.docx	Date of Completion	E 3/1/90 R 4/25/08
	DES\	10805b.docx	Date of Completion (Plus Working Days)	E 3/1/90 R 8/3/18
	DES\	20500.docx	Geotechnical Reinforcement	E 6/10/93 R 1/1/07
	DES\	20504.docx	Embankment (Restrictions)	E 1/21/05 R 8/5/22
	DES\	25000.docx	Seeding, Minor Areas	E 7/1/90 R 4/1/19
	DES\	25006a.docx	Mowing	E 12/11/01 R 8/2/13
	DES\	25006b.docx	Mowing	E 12/11/01 R 8/2/13
	DES\	25300b.docx	Seedlings	E 5/5/00 R 8/1/19
	DES\	28100.docx	Grout for Use With Riprap	E 7/30/10
	DES\	30101.docx	Proof Rolling	E 4/23/04 R 1/1/07
	DES\	30103.docx	Subgrade Treatment	E 7/1/90 R 1/1/22
	DES\	30200.docx	Soil Modification	E 7/1/90 R 1/1/22
	DES\	31100.docx	Rock Fill	E 10/15/95 R 4/26/13
	DES\	35300.docx	Sawcutting of PCC Base Course and Base Course Widening	E 1/1/16
	DES\	35500d.docx	Temporary Pavement	E 10/1/95 R 4/24/20
	DES\	35600.docx	Temporary Base Course Widening ____"	E 4/26/13 R 4/24/20
	DES\	40600.docx	Clean Existing Pavement Edge Joint	E 1/3/00 R 4/24/20
	DES\	40604a.docx	Hot-Mix Asphalt Surface Course Surface Tests	E 11/1/03 R 1/1/07
	DES\	40607.docx	Hot-Mix Asphalt -Tack Coat (Special) Options	E 8/1/19 R 11/8/19

SPECIAL PROVISIONS CHECK LIST

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Designer: _____ **FAP:** _____
Contract No.: _____ **Section:** _____
Lettings: 08/2/2024 & 9/20/2024 **County:** _____

DES\	40713.docx	Grooved-In V Rumble Strip	E 11/16/07 R 7/30/10
DES\	42401.docx	Sidewalk Drains	E 3/1/91 R 1/1/07
DES\	42402.docx	Temporary Sidewalks	E 3/1/91 R 2/1/96
DES\	44000.docx	Partial Depth Patching	E 4/26/13 R 11/6/20
DES\	44002.docx	Longitudinal Joint Repair	E 4/26/13 R 7/31/20
DES\	44003.docx	Protection of Frames and Lids of Utility Structures	E 3/6/91 R 1/1/07
DES\	44003a.docx	Hot-Mix Asphalt Surface Removal, *** (** mm)	E 3/1/93 R 1/1/22
DES\	44003b.docx	Hot-Mix Asphalt Surface Removal, *** (** mm)	E 2/5/93 R 1/1/22
DES\	44003d.docx	Pavement Drainage After Cold Milling	E 3/15/96 R 11/8/19
DES\	44003e.docx	Pavement Patching with Hot-Mix Asphalt Surface Removal	E 3/1/97 R 1/1/07
DES\	44004.docx	Hot-Mix Asphalt Joint Trimming	E 8/5/22
DES\	48205.docx	Hot-Mix Asphalt Shoulder Resurfacing Required to be Constructed Simultaneously with Mainline Paving	E 4/23/10 R 8/4/17
DES\	48206.docx	Hot-Mix Asphalt Shoulder Resurfacing Constructed Simultaneously with Mainline Paving	E 1/22/01 R 1/1/07
DES\	50103.docx	Concrete Headwall Removal	E 7/1/90
DES\	50104.docx	Concrete Handrail Removal	E 7/1/90 R 1/1/07
DES\	50301.docx	Granular Backfill for Structures	E 8/4/17 R 11/6/20
DES\	50302.docx	Surface Filler (Special)	E 4/23/10 R 10/1/23
DES\	50307.docx	PCC Placement by Pump Requirements	E 1/1/22
DES\	50312.docx	Plug Existing Deck Drains	E 1/1/96 R 11/6/20
DES\	50312a.docx	Floor Drain Extension	E 3/22/01 R 11/6/20
DES\	50319.docx	Protective Coat, Special	E 4/23/10 R 12/19/23
DES\	54200.docx	Seepage Collar	E 12/1/96
DES\	54201.docx	Remove and Relay Pipe Culvert (Special)	E 7/1/90 R 11/6/20
DES\	54202.docx	Pipe Culverts (Jacked)	E 1/1/14
DES\	54204e.docx	Backfill - Pipe Culverts	E 10/15/95 R 1/1/07
DES\	55000.docx	Storm Sewer, (Water Main Quality Pipe)	E 1/1/11 R 1/1/21
DES\	55007.docx	Backfill, Building Removal	E 8/20/91 R 1/1/07
DES\	55200.docx	Steel Pipe Culvert, Special (Jacked) * inches (* mm)	E 7/1/94 R 1/1/07
DES\	55201.docx	(*Storm Sewer/Pipe Culvert) Jacked in Place, ** inches (** mm)	E 7/1/94 R 1/1/07
DES\	56100.docx	Steel Casings * Inches	E 7/1/90 R 1/1/13
DES\	56101.docx	Steel Casings * Inches	E 7/1/90 R 1/1/13
DES\	59300.docx	Slope Wall Slurry Pumping	E 7/31/20

SPECIAL PROVISIONS CHECK LIST

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Designer: _____ **FAP:** _____
Contract No.: _____ **Section:** _____
Lettings: 08/2/2024 & 9/20/2024 **County:** _____

DES\	60200a.docx	Inlets, Type G-1	E 10/1/95 R 1/1/07
DES\	60200b.docx	Inlets, Type G-1, Special	E 10/1/95 R 1/1/07
DES\	60200c.docx	Inlets, Type G-1, Double, Special	E 10/1/95 R 1/1/07
DES\	60200d.docx	Inlet Manhole, Type G-1, 4' (1.2 m) Diameter	E 10/1/95 R 1/1/07
DES\	60200e.docx	Inlet-Manhole, Type G-1, 4' (1.2 m) Diameter, Special	E 10/1/95 R 1/1/07
DES\	60200f.docx	Inlet-Manhole, Type G-1, 5' (1.5 m) Diameter	E 10/1/95 R 1/1/07
DES\	60200g.docx	Inlet-Manhole, Type G-1, 5' (1.5 m) Diameter, Special	E 10/1/95 R 1/1/07
DES\	60200h.docx	Inlet-Manhole, Type G-1, 5' (1.5 m) Diameter, Double, Special	E 10/1/95 R 1/1/07
DES\	60200i.docx	Inlet-Manhole, Type G-1, 8' (2.4 m) Diameter, Double, Special	E 10/1/95 R 1/1/07
DES\	60200j.docx	Manhole to be Adjusted with New Type G-1 Frame and Grate	E 10/1/95 R 1/1/07
DES\	60200k.docx	Temporary Inlet Drainage Treatment	E 1/1/97
DES\	60200l.docx	Inlets, Type G-2	E 11/1/03 R 1/1/07
DES\	60200m.docx	Inlets, Type G-1, Double	E 7/31/09
DES\	60200n.docx	Inlets, Type " * ", With Special Frame and Grate	E 8/2/13
DES\	60200o.docx	Manhole, Type A, of the Diameter Specified with Special Frame and Grate	E 8/2/13
DES\	60504.docx	Filling Existing Inlets	E 7/1/90 R 7/1/94
DES\	60504a.docx	Filling Existing Culverts	E 10/15/95 R 4/1/17
DES\	60504b.docx	Filling Drainage Structures	E 10/15/95 R 4/1/17
DES\	60608.docx	Island Pavement Constructed on Existing Pavement	E 1/1/97 R 1/1/07
DES\	60612.docx	Drainage Holes	E 7/1/90 R 1/1/07
DES\	63001.docx	Guardrail Aggregate Erosion Control	E 2/1/93 R 1/1/07
DES\	63111c.docx	Traffic Barrier Terminals	E 2/1/96 R 11/5/04
DES\	63200.docx	Guard Post Removal	E 7/1/90 R 1/1/07
DES\	63500.docx	Flexible Delineator Maintenance	E 5/5/92 R 1/1/94
DES\	63501.docx	Flexible Delineators	E 10/1/95 R 1/1/07
DES\	63502.docx	Recoverable Delineators	E 4/26/15 R 11/1/18
DES\	66704.docx	Permanent Survey Marker, Type 1, Bridge Placement	E 7/1/90 R 3/11/11
DES\	66802.docx	Permanent Survey Ties	E 4/1/91 R 4/27/12
DES\	67005.docx	Equipment Vault for Nuclear Testing Equipment	E 6/24/93 R 11/8/19
DES\	68000.docx	Railroad Track Removal	E 11/1/94 R 1/1/07
DES\	68000a.docx	Railroad Ties Removal and Disposal	E 11/1/94 R 10/1/95
DES\	68300.docx	Mortared Stone Wall	E 3/1/91 R 1/1/07

SPECIAL PROVISIONS CHECK LIST
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Designer: _____ **FAP:** _____
Contract No.: _____ **Section:** _____
Lettings: 08/2/2024 & 9/20/2024 **County:** _____

DES\	70100.docx	Traffic Control Plan	E R
DES\	70101.docx	Flaggers	E 8/3/18
DES\	70108b.docx	Traffic Control and Protection Standard 701331 (Special)	E 10/15/95 R 7/31/09
DES\	70114.docx	Width Restriction Signing	E 11/1/07 R 1/1/19
DES\	70120.docx	Traffic Control and Protection BLR 21	E 4/25/08 R 4/24/20
DES\	70121.docx	Traffic Control and Protection BLR 22	E 4/25/08 R 4/24/20
DES\	70400.docx	Temporary Concrete Barrier, State Owned	E 5/1/91 R 4/1/19
DES\	70400a.docx	Temporary Concrete Barrier Reflectors	E 1/21/05 R 11/6/20
DES\	73300.docx	Re-Tightening Anchor Bolts for Cantilever Sign Structures	E 4/25/14
DES\	78201.docx	Linear Delineator Panels, 4 Inch	E 10/1/22
DES\	81500.docx	Trench & Backfill, Special for Conduit Installation Beneath Bituminous Shoulders	E 3/21/94 R 11/6/20
DES\	88600a.docx	Detector Loops, Type 1	E 3/1/96 R 11/6/20
DES\	88601.docx	Adjust Existing Detector Loop Riser	E 11/7/14 R 11/6/20
DES\	88602.docx	Miscellaneous Electrical Work	E 8/5/22
DES\	100400.docx	PCC Slipform Paving Aggregate Optimization	E 8/3/12 R 1/1/22
DES\	100402.docx	PCC Superstructure Aggregate Optimization	E 8/4/06 R 1/1/22
DES\	100403b.docx	Coarse Aggregate for Bituminous Courses, Class A	E 6/29/93 R 1/1/07
DES\	100404.docx	Aggregate Quality	E 7/1/90 R 4/26/13
DES\	102013.docx	Membrane Curing Method	E 7/29/16 R 11/17/17
DES\	110300.docx	PCC QMP Electronic Report Submittals	E 1/13/22
DES\	110303.docx	PCC Automatic Batching Equipment	E 4/23/10 R 8/1/23

Designer Notes
Recurring Special Provisions

Designer Notes for January 1, 2024 Recurring Special Provisions
(August 2, 2024 & September 20, 2024 Lettings)

1. Designer Note: This check sheet is required in all contracts that involve Federal funds.
2. Designer Note: This check sheet is required in all Federal contracts.
3. Designer Note: This check sheet is required in all contracts.
4. Designer Note: This check sheet is required in all contracts involving State funds only.
5. Designer Note: This check sheet is required in all contracts involving State funds only.
6. Designer Note: Include in all contracts where Asbestos Bearing Pad Removal is part of the structure work.
7. Designer Note: Include in all contracts where the existing bridge deck HMA surface is to be removed and the waterproofing membrane contains asbestos and will be removed. The designer must have in the project files a completed "Asbestos Determination Certificate" for every bridge within the project limits. The District Bridge Maintenance Engineer and/or the District Hydraulics Engineer can provide copies of these certificates. If your project has any bridge deck containing asbestos, insert this special provision as well as the General Notes entitled, "Asbestos Bridge Wearing Surface Removal".
8. Designer Note: This check sheet will be required for those contracts that will involve Contractor work on haul road stream crossings, other temporary stream crossings, and in stream work pads. Contracts that would generally involve this type of work would be bridges/structures, new or rebuilt, and contracts involving earth excavation, embankment or borrow excavation. Discuss these types of work operations and any other stream related work with your Project Engineer. Any in-stream crossing or other work will require a 404 Permit from the Corps of Engineers. Be sure to let the Hydraulics Engineer know as soon as possible that a Corps permit will be needed.
9. Designer Note: Depending on IDOT manpower needs, this check sheet will be included as a pay item when the Contractor will be required to do all contract staking, including bridges. This check sheet should be used for a large box culvert or a multi pipe that will require a structure number. This would be a structure that will have a span length along survey line of more than 6 meters (20 feet). Discuss this check sheet with the Bureau of Project Implementation (Construction) as to what manpower sources are available.
10. Designer Note: This special provision specifies the requirements for geotextile fabric for use on railroad crossings. Include only on projects where the railroad crossing is a contract pay item. Also may be required for temporary crossings. Railroad crossings are generally (99%) handled by the Railroad through an agreement and not part of our contract. If in doubt as to how to handle, discuss with Project Support.
11. Designer Note: Use this check sheet where existing pavement is being reconstructed and voids are evident under the existing pavement that can be filled by grouting. Discuss with Maintenance Field Engineer responsible for the area. NOTE: A detail of the slab movement detection device is included in CADD and this drawing must be included in your contract plans.
12. Designer Note: This check sheet will be required on a contract where cold milling is required but where the cold milled area will not be overlaid. Include CADD Standard 440001 in your plans. If your contract is to be cold milled and the area overlaid, you

should use one of the two District special provisions on this subject, **not** this check sheet.

13. Designer Note: This check sheet requires that once a lift of bituminous resurfacing is placed on a lane of pavement, any adjoining bituminous shoulder shall be resurfaced with an equal thickness before any other lane is resurfaced for each lift of resurfacing. Insert this special on resurfacing projects which meet the following criteria: All four lane interstates and freeways, all four lane expressways, four lane highways with ADT >25,000 or peak one-way VPH >1,700, two lane highways with ADT >10,000 or peak one-way VPH >800.
14. Designer Note: Intended to remove thick bituminous overlay so that the original pavement can be examined and then patched, if necessary. It also further defines specific pay items for work involved.
15. Designer Note: This check sheet was developed by Materials and Physical Research as an alternate to replacing Preformed Joint Sealer and Neoprene Expansion Joints up to 65 mm (2½" inches). Include with any projects that have "POLYMER CONCRETE" as a pay item.
16. Reserved.
17. Designer Note: This check sheet was developed to obtain the desired pipe coating on bike racks. Use on all projects with bike racks.
18. Designer Note: This special provision is for use on bridge contracts where staging is required, and the District wants the Contractor to have an option to post-mounting the temporary bridge and traffic signals. Discuss use with the District Traffic Control Technician.
19. Designer Note: This check sheet should be included for all projects containing roadway lighting. The designer should also include CADD Standard 701301-D4 in the plans.
20. Designer Note: This check sheet was developed to address difficulties with obtaining metric sized bolts. Include in all metric projects, which contain or could contain any type of bolted connection.
21. Designer Note: This special provision not to be used in District Four. Not recommended for use on recently constructed pavements or bridge decks. This is not recommended when there is steel in the patches due to the corrosion the calcium chloride causes.
22. Designer Note: Do not use Check Sheet #22 unless requested by Materials.
23. Designer Note: Use in all contracts involving cast-in-place concrete.
24. Reserved.
25. Reserved.
26. Designer Note: Insert into preventative maintenance contracts using cape seals or bituminous surface treatments.
27. Design Note: Insert into contracts using high-density expanding polyurethane foam or restoring the elevation of settled bridge approach pavements.
28. Designer Note: Insert into contracts using PCC inlays or overlays. Use in accordance with Chapter 53 of the *BDE Manual*.

29. Designer Note: Use on resurfacing projects to address areas which need repair, but do not warrant full depth repair. Joints and cracks, which exhibit environmental distresses, such as, spalling and "D" cracking or contains maintenance patching, are eligible for using this method of repair. Joints and cracks which exhibit load related stresses, such as pumping, alligator cracking, corner breaks, compression failures, subgrade failures, or punch-outs should not use this method on repair. Discuss use with your Project Engineer.
30. Designer Note: Consider using on contracts with longitudinal partial depth patching. There is a District Special Provision (Longitudinal Joint Repair, 440.02) that D4 prefers to use because it has different requirements. If using the BDE version and you cannot allow the milled trench to be left open overnight, specify the holes shall be filled every night.
31. Designer Note: Insert in projects with cast-in-place concrete. It is an interim measure to allow districts to transition from department mix designs to contractor mix designs.
32. Design Note: Use on all HMA overlay, Full-Dept HMA paving, and PCC pavement projects in District 4.

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107.38	10738	Bridge Demolition Debris
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108.06b	10806b	Weekly DBE Trucking Reports
108.06c	10806c	Illinois Works Apprenticeship Initiative – State Funded Contracts
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109.01	10901	Bituminous Materials Cost Adjustments
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109.14	10914	Subcontractor and DBE Payment Reporting
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405.50	40550	Ultra-Thin Bonded Wearing Course
406.00f	40600f	Material Transfer Device
406.06	40606	Hot-Mix Asphalt – Longitudinal Joint Sealant
406.11	40611	Surface Testing of Pavements - IRI
542.03	54203	Corrugated Plastic Pipe (Culvert and Storm Sewer)
581.01	58101	Full Lane Sealant Waterproofing System
632.00	63200	High Tension Cable Median Barrier Removal
669.04	66904	Removal and Disposal of Regulated Substances
701.00	70100	Automated Flagger Assistance Devices
701.03	70103	Work Zone Traffic Control Devices
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ALPHABETIC LIST OF DESIGN INTERIM SPECIAL PROVISIONS (ISP's)

Get a copy of the current check list from the Program Development Secretary, indicate which ISP's are to be included in your set of special provisions, fill in any blanks as indicated on the check list, and include with your set of special provisions to be sent to Springfield where they will be inserted.

<u>Standard Spec. No.</u>	<u>PC No.</u>	<u>Item</u>
888.00	88800	Accessible Pedestrian Signals (APS)
303.00	30300	Aggregate Subgrade Improvement
701.00	70100	Automated Flagger Assistance Devices
109.01	10901	Bituminous Materials Cost Adjustment
403.00	40300	Bituminous Surface Treatment with Fog Seal
107.38	10738	Bridge Demolition Debris
107.19a	10719a	Building Removal with Asbestos Abatement
107.19d	10719d	Building Removal
302.02	30202	Cement, Type IL
107.40	10740	Compensable Delay Costs
108.05a	10805a	Completion Date (Via Calendar Days)
108.05b	10805b	Completion Date (Via Calendar Days) Plus Working Days
1026.01	102601	Concrete Sealer
107.01	10701	Construction Air Quality – Diesel Retrofit
542.03	54203	Corrugated Plastic Pipe (Culvert and Storm Sewer)
108.06a	10806a	Disadvantaged Business Enterprise Participation
109.03	10903	Fuel Cost Adjustment
581.01	58101	Full Lane Sealant Waterproofing System
214.03	21403	Grading and Shaping Ditches
780.14	78014	Green Preformed Thermoplastic Pavement Markings

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ALPHABETIC LIST OF DESIGN INTERIM SPECIAL PROVISIONS (ISP's)

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1030.07	103007	Hot-Mix Asphalt
406.06	40606	Hot-Mix Asphalt – Longitudinal Joint Sealant
108.06c	10806c	Illinois Works Apprenticeship Initiative – State Funded Contracts
406.00f	40600f	Material Transfer Device
1003.07	100307	Mechanically Stabilized Earth Retaining Walls
1032.05	103205	Performance Graded Asphalt Binder
1103.03	110303	Portland Cement Concrete
1095.03	109503	Preformed Plastic Pavement Marking
107.11	10711a	Railroad Protective Liability Insurance
669.04	66904	Removal and Disposal of Regulated Substances
250.07	25007	Seeding
1095.06	109506	Short Term and Temporary Pavement Markings
106.01	10601	Source of Supply and Quality Requirements
701.15	70115	Speed Display Trailer
109.00	10900a	Steel Cost Adjustment
109.14	10914	Subcontractor and DBE Payment Reporting
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109.13	10913	Submission of Payroll Records
406.11	40611	Surface Testing of Pavements – IRI
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730.02	73002	Wood Sign Support
108.05	10805	Working Days
701.03	70103	Work Zone Traffic Control Devices

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602.00g	INLET-MANHOLE, TYPE G-1, 5' (1.5 M) DIAMETER, SPECIAL	60200g
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MANHOLE TO BE ADJUSTED WITH NEW TYPE G-1 FRAME AND GRATE	602.00j	60200j
MANHOLE, TYPE A, OF THE DIAMETER SPECIFIED WITH SPECIAL FRAME AND GRATE	602.00o	60200o
MEMBRANE CURING METHOD	1020.13	102013
MISCELLANEOUS ELECTRICAL WORK	886.02	88602
MORTARED STONE WALL	683.00	68300
MOWING	250.06a	250.06a
MOWING	250.06b	250.06b
PARTIAL DEPTH PATCHING	440.00	44000
PAVEMENT DRAINAGE AFTER COLD MILLING	440.03c	44003c
PAVEMENT PATCHING WITH HOT-MIX ASPHALT SURFACE REMOVAL	440.03e	44003e
PCC AUTOMATIC BATCHING EQUIPMENT	1103.03	110303
PCC PLACEMENT BY PUMP REQUIREMENTS	503.07	50307
PCC QMP ELECTRONIC REPORTS SUBMITTAL	1103.00	110300
PCC SLIPFORM PAVING AGGREGATE OPTIMIZATION	1004.00	100400
PCC SUPERSTRUCTURE AGGREGATE OPTIMIZATION	1004.02	100402
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ALPHABETIC INDEX OF DISTRICT SPECIAL PROVISIONS

<u>Item/Description</u>	<u>Standard Specification</u>	<u>Filename</u>
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REMOVAL OF ABANDONED UNDERGROUND UTILITIES	105.07	10507
REMOVE AND RELAY PIPE CULVERT (SPECIAL)	542.01	54201
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SAWCUTTING OF PCC BASE COURSE AND BASE COURSE WIDENING	353.00	35300
SEEDING, MINOR AREAS	250.00	25000
SEEDLINGS	253.00b	15300b
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ALPHABETIC INDEX OF DISTRICT SPECIAL PROVISIONS

<u>Item/Description</u>	<u>Standard Specification</u>	<u>Filename</u>
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STEEL CASINGS (**) INCHES	561.01	56101
STEEL PIPE CULVERT, SPECIAL (JACKED) ** (* MM)	552.00	55200
STORM SEWER/PIPE CULVERT) JACKED IN PLACE *** (** MM)	552.01	55201
STORM SEWER (WATER MAIN QUALITY PIPE)	550.00	55000
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TEMPORARY BASE COURSE WIDENING	356.00	35600
TEMPORARY CONCRETE BARRIER REFLECTORS	704.00a	70400a
TEMPORARY CONCRETE BARRIER, STATE OWNED & TEMPORARY CONCRETE BARRIER TERMINAL SECTIONS, STATE OWNED	704.00d	70400d
TEMPORARY INLET DRAINAGE TREATMENT	602.00k	60200k
TEMPORARY PAVEMENT	355.00	35500
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TRAFFIC CONTROL AND PROTECTION BLR 21	701.20	70120
TRAFFIC CONTROL AND PROTECTION BLR 22	701.21	701.21
TRAFFIC CONTROL PLAN	701.00	70100
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WIDTH RESTRICTION SIGNING	701.14	70114

BDE Special Provisions

106103

1061.03

Designer Note: This special provision should be inserted into contracts using the pay item WATERPROOFING MEMBRANE SYSTEM.

WATERPROOFING MEMBRANE SYSTEM (BDE)

Effective: August 1, 2024

Revise Article 1061.03 of the Standard Specifications to read:

"1061.03 Coal Tar Pitch Emulsion. The coal tar pitch emulsion shall be compounded of heavy closed ring hydrocarbons dispersed in water by means of a combination of irreversible colloidal clays meeting ASTM D 5727. The Contractor shall submit a manufacturer's certification stating it meets these requirements."

Designer Note: This special provision should be inserted into contracts with PREFORMED PLASTIC PAVEMENT MARKING.

PREFORMED PLASTIC PAVEMENT MARKING (BDE)

Effective: June 2, 2024

Revise Article 1095.03(h) of the Standard Specifications to read:

“(h) Glass Beads. Glass beads shall be colorless and uniformly distributed throughout the yellow and white portions of the material only. A top coating of beads shall be bonded to or directly embedded into the surface of the markings such that the beads are not easily removed when the film is scratched firmly with a thumb nail.

The glass bead refractive index shall be tested using the liquid immersion method.

Type B material shall have an inner mix of glass beads with a minimum refractive index of 1.50 and a top coating of ceramic beads bonded to top urethane wear surface with a minimum refractive index of 1.70. Beads with a refractive index greater than 1.80 shall not be used.

Type C material shall have glass beads with a minimum refractive index of 1.50 and a layer of skid resistant ceramic particles bonded to the top urethane wear surface. The urethane wear surface shall have a nominal thickness of 5 mils (0.13 mm).”

Revise Article 1095.03(n) of the Standard Specifications to read:

“(n) Sampling and Inspection.

(1) Sample. Prior to approval and use of preformed plastic pavement markings, the manufacturer shall submit a notarized certification from an independent laboratory, together with the results of all tests, stating that the material meets the requirements as set forth herein. The independent laboratory test report shall state the lot tested, the manufacturer's name, and the date of manufacture.

After initial approval by the Department, samples and certification by the manufacturer shall be submitted for each subsequent batch used. The manufacturer shall submit a certification stating that the material meets the requirements as set forth herein and is essentially identical to the material sent for qualification. The certification shall state the lot tested, the manufacturer's name, and the date of manufacture.

(2) Inspection. The Contractor shall provide a manufacturer's certification to the Engineer stating the material meets all requirements of this specification. All material samples for acceptance tests will be taken or witnessed by a representative of the Bureau of Materials and will be submitted to the Engineer of Materials, 126 East Ash Street, Springfield, Illinois 62704-4766 at least 30 days in advance of the pavement marking operations.”

109506 1095.06

Designer Note: This special provision should be inserted into contracts with short term or temporary pavement markings.

SHORT-TERM AND TEMPORARY PAVEMENT MARKINGS (BDE)

Effective: April 1, 2024

Revised: April 2, 2024

Revise Article 701.02(d) of the Standard Specifications to read:

"(d) Pavement Marking Tapes (Note 3) 1095.06"

Add the following Note to the end of Article 701.02 of the Standard Specifications:

" Note 3. White or yellow pavement marking tape that is to remain in place longer than 14 days shall be Type IV tape."

Revise Article 703.02(c) of the Standard Specifications to read:

"(c) Pavement Marking Tapes (Note 1) 1095.06"

Add the following Note to the end of Article 703.02 of the Standard Specifications:

"Note 1. White or yellow pavement marking tape that is to remain in place longer than 14 days shall be Type IV tape."

Revise Article 1095.06 of the Standard Specifications to read:

"1095.06 Pavement Marking Tapes. Type I white or yellow marking tape shall consist of glass spheres embedded into a binder on a foil backing that is precoated with a pressure sensitive adhesive. The spheres shall be of uniform gradation and distributed evenly over the surface of the tape.

Type IV tape shall consist of white or yellow tape with wet reflective media incorporated to provide immediate and continuing retroreflection in wet and dry conditions. The wet retroreflective media shall be bonded to a durable polyurethane surface. The patterned surface shall have approximately 40 ±10 percent of the surface area raised and presenting a near vertical face to traffic from any direction. The channels between the raised areas shall be substantially free of exposed reflective elements or particles.

Blackout tape shall consist of a matte black, non-reflective, patterned surface that is precoated with a pressure sensitive adhesive.

(a) Color. The white and yellow markings shall meet the following requirements for daylight reflectance and color, when tested, using a color spectrophotometer with 45 degrees circumferential/zero-degree geometry, illuminant D65, and two-degree observer angle. The color instrument shall measure the visible spectrum from 380 to 720 nm with a wavelength measurement interval and spectral bandpass of 10 nm.

Color	Daylight Reflectance %Y
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White	65 min.
Yellow *	36 - 59

*Shall match Aerospace Material Specification Standard 595 33538 (Orange Yellow) and the chromaticity limits as follows.

x	0.490	0.475	0.485	0.530
y	0.470	0.438	0.425	0.456

(b) Retro-reflectivity. The white and yellow markings shall be retroreflective. Reflective values measured in accordance with the photometric testing procedure of ASTM D 4061 shall not be less than those listed in the table below. The coefficient of retroreflected luminance, R_L , shall be expressed as average millicandelas/footcandle/sq. ft. (millicandelas/lux/sq. m), measured on a 3.0 ft. x 0.5 ft. (900 mm x 150 mm) panel at 86-degree entrance angle.

Coefficient of Retroreflected Luminance, R_L , Dry					
Type I			Type IV		
Observation Angle	White	Yellow	Observation Angle	White	Yellow
0.2°	2700	2400	0.2°	1300	1200
0.5°	2250	2000	0.5°	1100	1000

Wet retro-reflectance shall be measured for Type IV under wet conditions according to ASTM E 2177 and meet the following.

Wet Retro-reflectance, Initial R_L	
Color	R_L 1.05/88.76
White	300
Yellow	200

(c) Skid Resistance. The surface of Type IV and blackout markings shall provide a minimum skid resistance of 45 BPN when tested according to ASTM E 303.

(d) Application. The pavement marking tape shall have a precoated pressure sensitive adhesive and shall require no activation procedures. Test pieces of the tape shall be applied according to the manufacturer's instructions and tested according to ASTM D 1000, Method A, except that a stiff, short bristle roller brush and heavy hand pressure will be substituted for the weighted rubber roller in applying the test pieces to the metal test panel. Material tested as directed above shall show a minimum adhesion value of 750 g/in. (30 g/mm) width at the temperatures specified in ASTM D 1000. The adhesive shall be resistant to oils, acids, solvents, and water, and shall not leave objectionable stains or residue after removal. The material shall be flexible and conformable to the texture of the pavement.

(e) Durability. Type IV and blackout tape shall be capable of performing for the duration of a normal construction season and shall then be capable of being removed intact or in large sections at pavement temperatures above 40°F (4°C) either manually or with a roll-up device without the use of sandblasting, solvents, or grinding. The Contractor shall provide a manufacturer's certification that the material meets the requirements for being removed after the following minimum traffic exposure based on transverse test decks with rolling traffic.

- (1) Time in place - 400 days
- (2) ADT per lane - 9,000 (28 percent trucks)

(3) Axle hits - 10,000,000 minimum

Samples of the material applied to standard specimen plates will be measured for thickness and tested for durability in accordance with ASTM D 4060, using a CS-17 wheel and 1000-gram load, and shall meet the following criteria showing no significant change in color after being tested for the number of cycles indicated.

Test	Type I	Type IV	Blackout
Minimum Initial Thickness, mils (mm)	20 (0.51)	65 (1.65) ^{1/} 20 (0.51) ^{2/}	65 (1.65) ^{1/} 20 (0.51) ^{2/}
Durability (cycles)	5,000	1,500	1,500

1/ Measured at the thickest point of the patterned surface.

2/ Measured at the thinnest point of the patterned surface.

The pavement marking tape, when applied according to the manufacturer's recommended procedures, shall be weather resistant and shall show no appreciable fading, lifting, or shrinkage during the useful life of the marking. The tape, as applied, shall be of good appearance, free of cracks, and edges shall be true, straight, and unbroken.

(f) Sampling and Inspection.

(1) Sample. Prior to approval and use of Type IV pavement marking tape, the manufacturer shall submit a notarized certification from an independent laboratory, together with the results of all tests, stating that the material meets the requirements as set forth herein. The independent laboratory test report shall state the lot tested, the manufacturer's name, and the date of manufacture.

After initial approval by the Department, samples and certification by the manufacturer shall be submitted for each subsequent batch of Type IV tape used. The manufacturer shall submit a certification stating that the material meets the requirements as set forth herein and is essentially identical to the material sent for qualification. The certification shall state the lot tested, the manufacturer's name, and the date of manufacture.

(2) Inspection. The Contractor shall provide a manufacturer's certification to the Engineer stating the material meets all requirements of this specification. All material samples for acceptance tests shall be taken or witnessed by a representative of the Bureau of Materials and shall be submitted to the Engineer of Materials, 126 East Ash Street, Springfield, Illinois 62704-4766 at least 30 days in advance of the pavement marking operations."