



Illinois Department of Transportation

Memorandum

To: *

From: Nicole Fayant *NDF*

Subject: Special Provision Changes

Date: August 10, 2023

The following special provisions have been revised for the **November 17, 2023** letting: 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.
581.01 (New)	“Full Lane Sealant Waterproofing System (BDE)” New special to be inserted into contracts utilizing full lane sealant waterproofing system.
730.02 (New)	“Wood Sign Support (BDE)” New special to be inserted into contracts utilizing wood sign support.
1026.01 (New)	“Concrete Sealer (BDE)” New special to be inserted into contracts utilizing concrete sealer.

District Special Provisions

No Changes.

NF: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-13 Materials (D. Parish)
 Team 2 Team 6 Team 10 Bridges Hydraulics (J. Jochums)

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

Current Letting

(November 17, 2023 Letting)

Contract No. _____

Route(s): _____

SLT No. SLT-94-_____

D.L. No.: _____)

Designer: _____

Section(s): _____

Letting: November 17, 2023_____

County(ies): _____

STATE OF ILLINOIS



SPECIAL PROVISIONS

Special Provisions supplement the "Standard Specifications for Road and Bridge Construction," adopted January 1, 2022, 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

Contract No. _____

SLT No. SLT-94-_____

Designer: _____

Letting: November 17, 2023_____

Route(s): _____

D.L. No.: _____)

Section(s): _____

County(ies): _____

LOCATION OF PROJECT (CONTINUED)

INDEX
FOR
SUPPLEMENTAL SPECIFICATIONS
AND RECURRING SPECIAL PROVISIONS

Adopted January 1, 2023

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 1-1-23)

SUPPLEMENTAL SPECIFICATIONS

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204 Borrow and Furnished Excavation	2
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211 Topsoil and Compost	4
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420 Portland Cement Concrete Pavement	6
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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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BDE Special Provisions Checklist

November 17, 2023 Letting

BDE SPECIAL PROVISIONS
For the November 17, 2023 Letting

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
	80436	6	<input type="checkbox"/> Blended Finely Divided Minerals	April 1, 2021	
*	80241	7	<input type="checkbox"/> Bridge Demolition Debris	July 1, 2009	
*	50531	8	<input type="checkbox"/> Building Removal	Sept. 1, 1990	Aug. 1, 2022
*	50261	9	<input type="checkbox"/> Building Removal with Asbestos Abatement	Sept. 1, 1990	Aug. 1, 2022
	80449	10	<input type="checkbox"/> Cement, Type II	Aug. 1, 2023	
	80384	11	<input checked="" type="checkbox"/> Compensable Delay Costs	June 2, 2017	April 1, 2019
*	80198	12	<input type="checkbox"/> Completion Date (via calendar days)	April 1, 2008	
*	80199	13	<input type="checkbox"/> Completion Date (via calendar days) Plus Working Days	April 1, 2008	
	80453	14	<input type="checkbox"/> Concrete Sealer	Nov. 1, 2023	
	80261	15	<input type="checkbox"/> Construction Air Quality – Diesel Retrofit	June 1, 2010	Nov. 1, 2014
	80434	16	<input type="checkbox"/> Corrugated Plastic Pipe (Culvert and Storm Sewer)	Jan. 1, 2021	
*	80029	17	<input checked="" type="checkbox"/> Disadvantaged Business Enterprise Participation	Sept. 1, 2000	Mar. 2, 2019
	80229	18	<input type="checkbox"/> Fuel Cost Adjustment	April 1, 2009	Aug. 1, 2017
	80452	19	<input type="checkbox"/> Full Lane Sealant Waterproofing System	Nov. 1, 2023	
	80447	20	<input type="checkbox"/> Grading and Shaping Ditches	Jan. 1, 2023	
	80433	21	<input type="checkbox"/> Green Preformed Thermoplastic Pavement Markings	Jan. 1, 2021	Jan. 1, 2022
	80443	22	<input type="checkbox"/> High Tension Cable Median Barrier Removal	April 1, 2022	
	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	Sept. 2, 2021
	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	
*	34261	29	<input type="checkbox"/> Railroad Protective Liability Insurance	Dec. 1, 1986	Jan. 1, 2022
	80445	30	<input type="checkbox"/> Seeding	Nov. 1, 2022	
	80448	31	<input type="checkbox"/> Source of Supply and Quality Requirements	Jan. 2, 2023	
	80340	32	<input type="checkbox"/> Speed Display Trailer	April 2, 2014	Jan. 1, 2022
	80127	33	<input type="checkbox"/> Steel Cost Adjustment	April 2, 2004	Jan. 1, 2022
	80397	34	<input checked="" type="checkbox"/> Subcontractor and DBE Payment Reporting	April 2, 2018	
	80391	35	<input checked="" type="checkbox"/> Subcontractor Mobilization Payments	Nov. 2, 2017	April 1, 2019
	80437	36	<input checked="" type="checkbox"/> Submission of Payroll Records	April 1, 2021	Nov. 1, 2022
	80435	37	<input type="checkbox"/> Surface Testing of Pavements – IRI	Jan. 1, 2021	Jan. 1, 2023
	80410	38	<input type="checkbox"/> Traffic Spotters	Jan. 1, 2019	
*	20338	39	<input type="checkbox"/> Training Special Provisions	Oct. 15, 1975	Sept. 2, 2021
	80429	40	<input type="checkbox"/> Ultra-Thin Bonded Wearing Course	April 1, 2020	Jan. 1, 2022
	80439	41	<input type="checkbox"/> Vehicle and Equipment Warning Lights	Nov. 1, 2021	Nov. 1, 2022
	80440	42	<input type="checkbox"/> Waterproofing Membrane System	Nov. 1, 2021	
	80302	43	<input checked="" type="checkbox"/> Weekly DBE Trucking Reports	June 2, 2012	Nov. 1, 2021
	80454	44	<input type="checkbox"/> Wood Sign Support	Nov. 1, 2023	
	80427	45	<input checked="" type="checkbox"/> Work Zone Traffic Control Devices	Mar. 2, 2020	
*	80071	46	<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 have been deleted from use.

<u>File Name</u>	<u>Special Provision Title</u>	<u>Effective</u>	<u>Revised</u>
5048I	Building Removal-Case II (Non-Friable Asbestos)	Sept. 1, 1990	April 1, 2010
5049I	Building Removal-Case III (Friable Asbestos)	Sept. 1, 1990	April 1, 2010

The following special provisions are in the 2023 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>
80293	Concrete Box Culverts with Skews > 30 Degrees and Design Fills ≤ 5 Feet	Articles 540.04 & 540.06	April 1, 2012	July 1, 2016
80311	Concrete End Sections for Pipe Culverts	Articles 540.07, 542.01, 542.02, 542.07, 542.11 & 542.12	Jan. 1, 2013	April 1, 2016
80422	High Tension Cable Median Barrier	Articles 644.02, 644.05, 782.01, 782.04, 782.07 & 1097.02	Jan. 1, 2020	Jan. 1, 2022
80442	Hot-Mix Asphalt	Articles 1030.09 & 1030.10	Jan. 1, 2022	Aug. 1, 2022
80444	Hot-Mix Asphalt – Patching	Errata – Article 442.08(b)	April 1, 2022	
80411	Luminaires, LED	Articles 801.05(a), 821.02(d), 821.03, 821.08 & 1067.01-1067.06	April 1, 2019	Jan. 1, 2022
80418	Mechanically Stabilized Earth Retaining Walls	Articles 1003.07 & 1004.06	Nov. 1, 2019	Nov. 1, 2020
80430	Portland Cement Concrete – Haul Time	Article 1020.11(a)(7)	July 1, 2020	
80395	Sloped Metal End Section for Pipe Culverts	Articles 540.07, 542.01, 542.02, 542.07, 542.11 & 542.12	Jan. 1, 2018	
80318	Traversable Pipe Grate for Concrete End Sections	Articles 540.04, 540.07, 540.08 & 542.01, 542.02, 542.07, 542.11 & 542.12	Jan. 1, 2013	Jan. 1, 2018

**Special Provisions Generated Checklist
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November 17, 2023 Letting

SPECIAL PROVISIONS CHECK LIST
Generated - 8/10/23 8:30 AM

Designer: _____ FAP: _____
 Contract No.: _____ Section: _____
 Letting: November 17, 2023 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	Revised April 1, 2016 (old)/January 1, 2022 (new)
	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
	DES\	40713.docx	Grooved-In 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

SPECIAL PROVISIONS CHECK LIST
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Designer: _____ FAP: _____
 Contract No.: _____ Section: _____
 Letting: November 17, 2023 County: _____

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 8/1/22
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 4/1/23
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
DES\	60200a.docx	Inlets, Type G-1	E 10/1/95 R 1/1/07
DES\	60200b.docx	Inlets, Type G-1, Special	E 10/1/9 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

SPECIAL PROVISIONS CHECK LIST
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Designer: _____ FAP: _____
 Contract No.: _____ Section: _____
 Letting: November 17, 2023 County: _____

	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
√	DES\	70100.docx	Traffic Control Plan	E
	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

SPECIAL PROVISIONS CHECK LIST
Generated - 8/10/23 8:30 AM

Designer: _____ FAP: _____
 Contract No.: _____ Section: _____
 Letting: November 17, 2023 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	Revised April 1, 2016 (old)/January 1, 2022 (new)
	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
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	DES\	10805b.docx	Date of Completion (Plus Working Days)	E 3/1/90 R 8/3/18
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	DES\	44002.docx	Longitudinal Joint Repair	E 4/26/13 R 7/31/20
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	DES\	44003a.docx	Hot-Mix Asphalt Surface Removal, *** (** mm)	E 3/1/93 R 1/1/22
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Designer Notes
Recurring Special Provisions

Designer Notes for January 1, 2023 Recurring Special Provisions
(November 17, 2023 Letting)

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 an individual 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. The permit has a lead-time and is required for the project to proceed to letting.
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.

BDE Special Provisions

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NUMERIC 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>
106.01	10601	Source of Supply and Quality Requirements
107.01	10701	Construction Air Quality – Diesel Retrofit
107.11a	10711a	Railroad Protective Liability Insurance
107.19a	10719a	Building Removal with Asbestos Abatement
107.19d	10719d	Building Removal
107.38	10738	Bridge Demolition Debris
107.40	10740	Compensable Delay Costs
108.05	10805	Working Days
108.05a	10805a	Completion Date (Via Calendar Days)
108.05b	10805b	Completion Date (Via Calendar Days) Plus Working Days
108.06	10806	Training Special Provision
108.06a	10806a	Disadvantaged Business Enterprise Participation
108.06b	10806b	Weekly DBE Trucking Reports
108.06c	10806c	Illinois Works Apprenticeship Initiative – State Funded Contracts
109.00a	10900a	Steel Cost Adjustment
109.01	10901	Bituminous Materials Cost Adjustments
109.03	10903	Fuel Cost Adjustment
109.12	10912	Subcontractor Mobilization Payments
109.13	10913	Submission of Payroll Records
109.14	10914	Subcontractor and DBE Payment Reporting
214.03	21403	Grading and Shaping Ditches
250.07	25007	Seeding

NUMERIC DESIGN INTERIM SPECIAL PROVISIONS (ISP's)

<u>Standard Spec. No.</u>	<u>PC No.</u>	<u>Item</u>
302.02	30202	Cement, Type IL
303.00	30300	Aggregate Subgrade Improvement
403.00	40300	Bituminous Surface Treatment with Fog Seal
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
701.00	70100	Automated Flagger Assistance Devices
701.03	70103	Work Zone Traffic Control Devices
701.08	70108	Vehicle and Equipment Warning Lights
701.13	70113	Traffic Spotters
701.15	70115	Speed Display Trailer
730.02	73002	Wood Sign Support
780.14	78014	Green Preformed Thermoplastic Pavement Markings
888.00	88800	Accessible Pedestrian Signals (APS)
1003.07	100307	Mechanically Stabilized Earth Retaining Walls
1010.01	101001	Blended Finely Divided Minerals
1026.01	102601	Concrete Sealer
1032.05	103205	Performance Graded Asphalt Binder
1061.05	106105	Waterproofing Membrane System
1103.03	110303	Portland Cement Concrete

BDE Special Provisions

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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
1010.01	101001	Blended Finely Divided Minerals
107.38	10738	Bridge Demolition Debris
107.19a	10719a	Building Removal with Asbestos Abatement
107.19d	10719d	Building Removal
302.02	30202	Cement, Type II
107.40	10740	Compensable Delay Costs
108.05a	10805a	Completion Date (Via Calendar Days)
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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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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
107.11	10711a	Railroad Protective Liability Insurance
250.07	25007	Seeding
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
109.12	10912	Subcontractor Mobilization Payments
109.13	10913	Submission of Payroll Records
406.11	40611	Surface Testing of Pavements – IRI
701.13	70113	Traffic Spotters
108.06	10806	Training Special Provision
405.50	40550	Ultra-Thin Bonded Wearing Course
701.08	70108	Vehicle and Equipment Warning Lights
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SECTION 200

District Special Provisions

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205.00	GEOTECHNICAL REINFORCEMENT	20500
205.04	EMBANKMENT RESTRICTIONS	20504
250.00	SEEDING, MINOR AREAS	25000
250.06a	MOWING	25006a
250.06b	MOWING	250.06b
253.00b	SEEDLINGS	25300b
281.00	GROUT FOR USE WITH RIPRAP	28100

SECTION 300

District Special Provisions

<u>Standard Specifications</u>	<u>Item/Description</u>	<u>Doc. #</u>
301.01	PROOF ROLLING	30101
301.03	SUBGRADE TREATMENT	30103
302.00	SOIL MODIFICATION	30200
311.00	ROCKFILL	31100
353.00	SAWCUTTING OF PCC BASE COURSE AND BASE COURSE WIDENING	35300
355.00	TEMPORARY PAVEMENT	35500
356.00	TEMPORARY BASE COURSE WIDENING	35600

SECTION 400

District Special Provisions

<u>Standard Specifications</u>	<u>Item/Description</u>	<u>Doc. #</u>
406.00	CLEAN EXISTING PAVEMENT EDGE JOINT	40600
406.04a	HOT-MIX ASPHALT SURFACE COURSE SURFACE TESTS	40604a
406.07	HOT-MIX ASPHALT – TACK COAT (SPECIAL) OPTIONS	40607
407.13	GROOVED-IN RUMBLE STRIP	40713
424.01	SIDEWALK DRAINS	42401
424.02	TEMPORARY SIDEWALKS	42402
440.00	PARTIAL DEPTH PATCHING	44000
440.02	LONGITUDINAL JOINT REPAIR	44002
440.03	PROTECTION OF FRAMES AND LIDS OF UTILITY STRUCTURES	44003
440.03a	HOT-MIX ASPHALT SURFACE REMOVAL, *** (** MM)	44003a
440.03b	HOT-MIX ASPHALT SURFACE REMOVAL, *** (** MM)	44003b
440.03d	PAVEMENT DRAINAGE AFTER COLD MILLING	44003d
440.03e	PAVEMENT PATCHING WITH HOT-MIX ASPHALT SURFACE REMOVAL	44003e
440.04	HOT-MIX ASPHALT JOINT TRIMMING	44004
482.05	HOT-MIX ASPHALT SHOULDER RESURFACING REQUIRED TO BE CONSTRUCTED SIMULTANEOUSLY WITH MAINLINE PAVING	48205
482.06	HOT-MIX ASPHALT SHOULDER RESURFACING CONSTRUCTED SIMULTANEOUSLY WITH MAINLINE PAVING	48206

SECTION 500

District Special Provisions

<u>Standard Specifications</u>	<u>Item/Description</u>	<u>Doc. #</u>
501.03	CONCRETE HEADWALL REMOVAL	50103
501.04	CONCRETE HANDRAIL REMOVAL	50104
503.01	GRANULAR BACKFILL FOR STRUCTURES	50301
503.02	SURFACE FILLER (SPECIAL)	50302
503.07	PCC PLACEMENT BY PUMP REQUIREMENTS	50307
503.12a	FLOOR DRAIN EXTENSIONS	50312a
503.12	PLUG EXISTING DECK DRAINS	50312
503.19	PROTECTIVE COAT (SPECIAL)	50319
542.00	SEEPAGE COLLAR	54200
542.01	REMOVE AND RELAY PIPE CULVERT (SPECIAL)	54201
542.02	PIPE CULVERTS (JACKED)	54202
542.04e	BACKFILL - PIPE CULVERTS	54204e
550.00	STORM SEWER (WATER MAIN QUALITY PIPE)	55000
550.07	BACKFILL, BUILDING REMOVAL	55007
552.00	STEEL PIPE CULVERT, SPECIAL (JACKED) ** (* MM)	55200
552.01	(*STORM SEWER/PIPE CULVERT) JACKED IN PLACE, ** (* MM)	55201
561.00	STEEL CASINGS (**) INCHES	56100
561.01	STEEL CASINGS (**) INCHES	56101
593.00	SLOPE WALL SLURRY PUMPING	59300

SECTION 600

District Special Provisions

<u>Standard Specifications</u>	<u>Item/Description</u>	<u>Doc. #</u>
602.00a	INLETS, TYPE G-1	60200a
602.00b	INLETS, TYPE G-1, SPECIAL	60200b
602.00c	INLETS, TYPE G-1, DOUBLE, SPECIAL	60200c
602.00d	INLET-MANHOLE, TYPE G-1, 4' (1.2 M) DIAMETER	60200d
602.00e	INLET-MANHOLE, TYPE G-1, 4' (1.2 M) DIAMETER, SPECIAL	60200e
602.00f	INLET-MANHOLE, TYPE G-1, 5' (1.5 M) DIAMETER	60200f
602.00g	INLET-MANHOLE, TYPE G-1, 5' (1.5 M) DIAMETER, SPECIAL	60200g
602.00h	INLET-MANHOLE, TYPE G-1, 5' (1.5 M) DIAMETER, DOUBLE, SPECIAL	60200h
602.00i	INLET-MANHOLE, TYPE G-1, 8' (2.4 M) DIAMETER, DOUBLE, SPECIAL	60200i
602.00j	MANHOLE TO BE ADJUSTED WITH NEW TYPE G-1 FRAME AND GRATE	60200j
602.00k	TEMPORARY INLET DRAINAGE TREATMENT	60200k
602.00l	INLETS, TYPE G-2	60200l
602.00m	INLETS, TYPE G-1, DOUBLE	60200m
602.00n	INLETS, TYPE "A", WITH SPECIAL FRAME AND GRATE	60200n
602.00o	MANHOLE, TYPE A, OF THE DIAMETER SPECIFIED WITH SPECIAL FRAME AND GRATE	60200o
605.04	FILLING EXISTING INLETS	60504
605.04a	FILLING EXISTING CULVERTS	60504a
605.04b	FILLING DRAINAGE STRUCTURES	60504b
606.08	ISLAND PAVEMENT CONSTRUCTED ON EXISTING PAVEMENT	60608
606.12	DRAINAGE HOLES	60612

SECTION 600

District Special Provisions

<u>Standard Specifications</u>	<u>Item/Description</u>	<u>Doc. #</u>
630.01	GUARDRAIL AGGREGATE EROSION CONTROL	63001
631.11c	TRAFFIC BARRIER TERMINALS	63111c
632.00	GUARD POST REMOVAL	63200
635.00	FLEXIBLE DELINEATOR MAINTENANCE	63500
635.01	FLEXIBLE DELINEATORS	63501
635.02	RECOVERABLE DELINEATORS	63502
667.04	PERMANENT SURVEY MARKER, TYPE I, BRIDGE PLACEMENT	66704
668.02	PERMANENT SURVEY TIES	66802
670.05	EQUIPMENT VAULT FOR NUCLEAR TESTING EQUIPMENT	67005
680.00a	RAILROAD TIES REMOVAL AND DISPOSAL	68000a
680.00	RAILROAD TRACK REMOVAL	68000
683.00	MORTARED STONE WALL	68300

SECTION 700

District Special Provisions

<u>Standard Specifications</u>	<u>Item/Description</u>	<u>Doc. #</u>
701.00	TRAFFIC CONTROL PLAN	70100
701.01	FLAGGERS	70101
701.08b	TRAFFIC CONTROL AND PROTECTION STANDARD 701331 (SPECIAL)	70108b
701.14	WIDTH RESTRICTION SIGNING	70114
701.20	TRAFFIC CONTROL AND PROTECTION BLR 21	70120
701.21	TRAFFIC CONTROL AND PROTECTION BLR 22	70121
704.00a	TEMPORARY CONCRETE BARRIER REFLECTORS	70400a
704.00	TEMPORARY CONCRETE BARRIER, STATE OWNED AND TEMPORARY CONCRETE BARRIER TERMINAL SECTIONS, STATE OWNED	70400
733.00	RE-TIGHTENING ANCHOR BOLTS FOR CANTILEVER SIGN STRUCTURES	73300
782.01	LINEAR DELINEATOR PANELS, 4 INCH	78201

SECTION 800

District Special Provisions

<u>Standard Specifications</u>	<u>Item/Description</u>	<u>Doc. #</u>
815.00	TRENCH & BACKFILL, SPECIAL FOR CONDUIT INSTALLATION BENEATH BITUMINOUS SHOULDERS	81500
886.00a	DETECTOR LOOPS, TYPE 1	88600a
886.01	ADJUST EXISTING DETECTOR LOOP RISER	88601
886.02	MISCELLANEOUS ELECTRICAL WORK	88602

SECTION 900

District Special Provisions

Standard
Specifications

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Doc. #

SECTION 1000

District Special Provisions

<u>Standard Specifications</u>	<u>Item/Description</u>	<u>Doc. #</u>
1004.00	PCC SLIPFORM PAVING AGGREGATE OPTIMIZATION	100400
1004.02	PCC SUPERSTRUCTURE AGGREGATE OPTIMIZATION	100402
1004.03b	COARSE AGGREGATE FOR BITUMINOUS COURSES, CLASS A	d100403b
1004.04	AGGREGATE QUALITY	d100404
1020.13	MEMBRANE CURING METHOD	102013
1103.00	PCC QMP ELECTRONIC REPORTS SUBMITTAL	110300
1103.03	PCC AUTOMATIC BATCHING EQUIPMENT	110303

BDE Special Provisions

Designer Note: Use on all projects utilizing Full Lane Sealant Waterproofing System pay item.

FULL LANE SEALANT WATERPROOFING SYSTEM (BDE)

Effective: November 1, 2023

Replace Section 581 of the Standard Specifications with the following:

"SECTION 581. FULL LANE SEALANT WATERPROOFING SYSTEM

581.01 Description. This work shall consist of furnishing and placing a full lane sealant (FLS) waterproofing system over a prepared concrete bridge deck.

581.02 Materials. Materials shall be according to the following.

Item	Article/Section
(a) Hot-Mix Asphalt	1030
(b) Bituminous Materials (Note 1)	1032
(c) Full Lane Sealant (FLS)	1032.13

Note 1. The bituminous material used for the tack coat shall be emulsified asphalt according to Article 1032.06. The emulsion producer shall perform any dilution with water. The emulsified asphalt shall be thoroughly agitated within 24 hours of application and show no separation of water and emulsion.

581.03 Equipment. Equipment shall be according to Article 406.03 and the following.

(a) Regenerative Air Vacuum Sweeper (Note 1)

Note 1. The regenerative air vacuum sweeper shall blast re-circulated, filtered air through a vacuum head having a minimum width of 6.0 ft. (1.83 m) at a minimum rate of 20,000 cu ft./min (560 cu m/min).

CONSTRUCTION REQUIREMENTS

581.04 General. FLS waterproofing system shall be constructed according to Section 406, except as modified herein, with a tack coat, a layer of FLS, a layer of IL-4.75, a second layer of FLS, and a final layer of SMA-9.5 as shown on the plans.

581.05 Preparation of Concrete Deck. Surfaces shall be cleaned according to Article 406.05(c). In non-attainment areas, vacuum sweeping shall be performed using a regenerative air vacuum sweeper.

Deck drains shall be temporarily plugged before the tack coat is applied. The material used to plug the drains shall be removed and disposed of upon completion of the work.

From the time the bridge deck is cleaned and prepared for the FLS until the HMA is spread and compacted, the only traffic permitted shall be the necessary workers and equipment to perform the work.

581.06 Application of Full Lane Sealant Waterproofing System. FLS shall be applied uniformly to the surface of the bridge deck in a single application per pass with an FLS pressure distributor. Hand application with a squeegee shall be used at places not covered by the FLS pressure distributor.

If FLS pickup occurs, paving shall cease in order for corrective measures to be taken. Corrective measures shall include applying water to the wheels or paving in cooler ambient conditions and repairing all areas where the pickup occurred.

Before applying the second layer of FLS, remove any standing water from the IL-4.75 binder course.

581.07 HMA Compaction. HMA shall be compacted according to Article 406.07, except the density requirement for mixtures on bridge decks shall be replaced with 5 and 7 roller pass coverages per location of IL-4.75 and SMA-9.5 mixtures, respectively.

581.08 Sequence of Construction Operations. The sequence of construction operations shall be as follows.

- (a) Tack coat shall be applied at a residual rate of 0.05 lb./sq. ft. (0.244 kg/sq. m).
- (b) FLS shall be applied at a residual rate of 0.25 lb./sq. ft. (1.21 kg/sq. m).
- (c) HMA IL-4.75 binder course shall have a compacted lift thickness of 3/4 in. (19 mm).
- (d) FLS shall be applied at a residual rate of 0.15 lb./sq. ft. (0.73 kg/sq. m).
- (e) HMA SMA-9.5 surface course shall have a compacted lift thickness of 1½ in. (38 mm).

581.09 Method of Measurement. This work will be measured for payment as follows.

- (a) Contract Quantities. The requirements for the use of contract quantities shall conform to Article 202.07(a).
- (b) Measured Quantities. This work will be measured for payment and the area computed in square yards (square meters) of the bridge deck surface covered. No measurement or allowance will be made for laps, the material used for extending up curb faces, other vertical barriers, or extensions over lips or edges.

HMA SMA-9.5 will be measured for payment according to Article 406.13(b).

581.10 Basis of Payment. This work will be paid for at the contract unit price per Square Yard (Square Meter) for FULL LANE SEALANT WATERPROOFING SYSTEM.

HMA SMA-9.5 will be paid for at the contract unit price per ton (metric ton) for POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, of the friction aggregate and Ndesign specified, according to Article 406.14."

73002

730.02

Designer Note: Use on all projects utilizing Wood Sign Support pay item.

WOOD SIGN SUPPORT (BDE)

Effective: November 1, 2023

Add the following to Article 730.02 of the Standard Specifications:

"(c) Preservative Treatment 1007.12"

Revise the first paragraph of Article 730.03 of the Standard Specifications to read:

"730.03 General. Wood sign supports shall be treated. When the 4 in. x 6 in. (100 mm x 150 mm) posts are used, they shall be modified to satisfy the breakaway requirements by drilling 1½ in. (38 mm) diameter holes centered at 4 in. and 18 in. (100 mm and 450 mm) above the groundline and perpendicular to the centerline of the roadway."

102601

1026.01

Designer Note: Use on all projects utilizing Concrete Sealer pay item.

CONCRETE SEALER (BDE)

Effective: November 1, 2023

Replace Section 1026 of the Standard Specifications with the following:

"SECTION 1026. CONCRETE SEALER

1026.01 General. Sealer types shall be according to the listing in AASHTO M 224. All concrete sealer types shall meet the sealer requirements of AASHTO M 224 when tested in accordance with AASHTO T 384. The sealer shall be listed on the Department's qualified product list.

The sealer shall have a clear or amber color when dry.

The Department will perform the sealer characterization properties of ATR-FTIR spectra, total solids, and specific gravity in accordance with AASHTO M 224."