Illinois Department of Transportation

Memorandum

To:	*
From:	David Broviak
Subject:	Special Provision Changes
Date:	August 1, 2025

The following special provisions have been revised for the **November 7, 2025** letting: Attached is the updated BDE Checklist for this letting.

Recurring Special Provisions

Adopted January 1, 2025

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 numberic index and insert revised index.
109.00a (Revised)	**"Steel Cost Adjustment (BDE)"** Revised to remove table. To be inserted into all contracts involving steel material.
409.00 (New)	**"High Friction Surface Treatment (BDE)"** To be inserted into contracts using high friction surface treatment.
630.03 (New)	**"Guardrail (BDE)"** To be inserted into all contracts with guardrail installation, repair, or replacement.
701.18 (New)	**"Residential Driveway Temporary Signal (BDE)"** To be inserted into contracts Hwy. Standards 701316 and 701321 on two-lane, two-way roadways with residential driveways in the work zone where two-way traffic will be maintained.
780.13 (Revised)	**"Pavement Marking (BDE)"** Revised title name, allow grooving to be installed in shape of letters and symbols, and fixed typo. To be inserted into all contracts with pavement markings.
781.03 (New)	**"Raised Reflective Pavement Markers (BDE)"** Insert this special in contracts using raised reflective pavement markings.

District Special Provisions (BDE)

No changes.

General Notes

No changes.

2025 Supplemental Specifications and Recurring Special Provisions

542.03	"Corrugated Plastic Pipe (Culvert and Storm Sewer)"
632.00	"High Tension Cable Median Barrier Removal"
406.00f	"Material Transfer Device"
701.13	"Traffic Spotters"

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

Attachment(s)

cc: * S&P Engineer
T. Phillips
L. Hayworth
Team 1
Team 2
Team 3
Team 4
Team 5
Team 6
Team 7
Team8
Team 9
Team 10
Team 11
Team 12
Geometrics (R. Julich)
Bridges
Local Roads (T. Sassine)
Operations (M. Eckhoff)
Materials (D. Parish)
Hydraulics (J. Jochums)

Special Provisions Generated Checklist
Generated – 07/29/2025 10:52 A.M.

November 7, 2025 Letting

SPECIAL PROVISIONS CHECK LIST
Generated - 7/29/25 10:52 A.M.

Designer: _____ **FAP/FAS/FAI/FAU:** _____
Contract No.: _____ **Section:** _____
Letting: 11/07/2025 **County(ies):** _____

√	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
	DES\	40713.docx	Grooved-In V Rumble Strip	E 11/16/07 R 7/30/10

SPECIAL PROVISIONS CHECK LIST
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Designer: _____ **FAP/FAS/FAI/FAU:** _____
Contract No.: _____ **Section:** _____
Letting: 11/07/2025 **County(ies):** _____

	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 R10/1/24
	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

SPECIAL PROVISIONS CHECK LIST
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Designer: _____ **FAP/FAS/FAI/FAU:** _____
Contract No.: _____ **Section:** _____
Letting: 11/07/2025 **County(ies):** _____

	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\	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 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

SPECIAL PROVISIONS CHECK LIST
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Designer: _____ **FAP/FAS/FAI/FAU:** _____
Contract No.: _____ **Section:** _____
Letting: 11/07/2025 **County(ies):** _____

	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

BDE Special Provisions Checklist

November 7, 2025 Letting

BDE SPECIAL PROVISIONS
For the November 7, 2025 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	☐	Accessible Pedestrian Signals (APS)	April 1, 2003	Jan. 1, 2022
80274	2	☐	Aggregate Subgrade Improvement	April 1, 2012	April 1, 2022
80192	3	☐	Automated Flagger Assistance Devices	Jan. 1, 2008	April 1, 2023
80173	4	☐	Bituminous Materials Cost Adjustments	Nov. 2, 2006	Aug. 1, 2017
80426	5	☐	Bituminous Surface Treatment with Fog Seal	Jan. 1, 2020	Jan. 1, 2022
* 80241	6	☐	Bridge Demolition Debris	July 1, 2009	
* 5053I	7	☐	Building Removal	Sept. 1, 1990	Aug. 1, 2022
* 5026I	8	☐	Building Removal with Asbestos Abatement	Sept. 1, 1990	Aug. 1, 2022
80460	9	☒	Cement, Finely Divided Minerals, Admixtures, Concrete, and Mortar	Jan. 1, 2025	
80384	10	☒	Compensable Delay Costs	June 2, 2017	April 1, 2019
* 80198	11	☐	Completion Date (via calendar days)	April 1, 2008	
* 80199	12	☐	Completion Date (via calendar days) Plus Working Days	April 1, 2008	
80461	13	☐	Concrete Barrier	Jan. 1, 2025	
80453	14	☐	Concrete Sealer	Nov. 1, 2023	
80261	15	☐	Construction Air Quality – Diesel Retrofit	June 1, 2010	Jan. 1, 2025
* 80029	16	☒	Disadvantaged Business Enterprise Participation	Sept. 1, 2000	Jan. 2, 2025
80467	17	☐	Erosion Control Blanket	Aug. 1, 2025	
80229	18	☐	Fuel Cost Adjustment	April 1, 2009	Aug. 1, 2017
80452	19	☐	Full Lane Sealant Waterproofing System	Nov. 1, 2023	
80447	20	☐	Grading and Shaping Ditches	Jan. 1, 2023	
80433	21	☐	Green Preformed Thermoplastic Pavement Markings	Jan. 1, 2021	Jan. 1, 2022
80471	22	☐	Guardrail	Nov. 1, 2025	
80472	23	☐	High Friction Surface Treatment	Nov. 1, 2025	
80456	24	☐	Hot-Mix Asphalt	Jan. 1, 2024	Jan. 1, 2025
80446	25	☐	Hot-Mix Asphalt - Longitudinal Joint Sealant	Nov. 1, 2022	Aug. 1, 2023
80438	26	☐	Illinois Works Apprenticeship Initiative – State Funded Contracts	June 2, 2021	April 2, 2024
80450	27	☐	Mechanically Stabilized Earth Retaining Walls	Aug. 1, 2023	Aug. 1, 2025
80464	28	☐	Pavement Marking	April. 1, 2025	Nov. 1, 2025
80468	29	☐	Pavement Patching	Aug. 1, 2025	
80441	30	☐	Performance Graded Asphalt Binder	Jan. 1, 2023	
80459	31	☐	Preformed Plastic Pavement Marking	June 2, 2024	
* 3426I	32	☐	Railroad Protective Liability Insurance	Dec. 1, 1986	Jan. 1, 2022
80473	33	☐	Raised Reflective Pavement Markers	Nov. 1, 2025	
80455	34	☒	Removal and Disposal of Regulated Substances	Jan. 1, 2024	April 1, 2024
80474	35	☐	Residential Driveway Temporary Signal	Nov. 1, 2025	
80445	36	☐	Seeding	Nov. 1, 2022	
80457	37	☐	Short Term and Temporary Pavement Markings	April 1, 2024	April 2, 2024
80462	38	☐	Sign Panels and Appurtenances	Jan. 1, 2025	April 1, 2025
80469	39	☐	Slope Wall	Aug. 1, 2025	
80448	40	☐	Source of Supply and Quality Requirements	Jan. 2, 2023	
80340	41	☐	Speed Display Trailer	April 2, 2014	Jan. 1, 2022
80127	42	☐	Steel Cost Adjustment	April 2, 2004	Nov. 1, 2025
80397	43	☒	Subcontractor and DBE Payment Reporting	April 2, 2018	
80391	44	☒	Subcontractor Mobilization Payments	Nov. 2, 2017	April 1, 2019
80463	45	☒	Submission of Bidders List Information	Jan. 2, 2025	Mar. 2, 2025
80437	46	☒	Submission of Payroll Records	April 1, 2021	Nov. 2, 2023
80435	47	☐	Surface Testing of Pavements – IRI	Jan. 1, 2021	Jan. 1, 2023
80465	48	☒	Surveying Services	April 1, 2025	
80466	49	☐	Temporary Rumble Strips	April 1, 2025	
80470	50	☐	Traffic Signal Backplate	Aug. 1, 2025	
* 20338	51	☐	Training Special Provisions	Oct. 15, 1975	Sept. 2, 2021

	80429	52	☐	Ultra-Thin Bonded Wearing Course	April 1, 2020	Jan. 1, 2022
	80439	53	☒	Vehicle and Equipment Warning Lights	Nov. 1, 2021	Nov. 1, 2022
	80458	54	☐	Waterproofing Membrane System	Aug. 1, 2024	
	80302	55	☒	Weekly DBE Trucking Reports	June 2, 2012	Jan. 2, 2025
	80454	56	☐	Wood Sign Support	Nov. 1, 2023	
	80427	57	☒	Work Zone Traffic Control Devices	Mar. 2, 2020	Jan. 1, 2025
*	80071	58	☐	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 2025 Supplemental Specifications and Recurring Special Provisions.

File Name	Special Provision Title	New Location(s)	Effective	Revised
80434	Corrugated Plastic Pipe (Culvert and Storm Sewer)	Articles 542.03, 550.03, 1040.03, 1040.04(b), 1040.04(d) & 1040.08	Jan. 1, 2021	
80443	High Tension Cable Median Barrier Removal	Section 632	April 1, 2022	
80045	Material Transfer Device	Articles 406.03, 406.06(f), 406.13(b), 406.14 & 1102.02	Nov 15, 1999	Jan. 1, 2022
80410	Traffic Spotters	Article 701.13	Jan. 1, 2019	

First Page
&
Index for
Supplemental Specifications
and
Recurring Special Provisions

Current Lettings

(November 7, 2025 Letting)

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, 2025)", 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, 2025

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 1-1-25)

SUPPLEMENTAL SPECIFICATIONS

RECURRING SPECIAL PROVISIONS

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

BDE Special Provisions

Numeric Index

REVISED INDEX

NUMERIC DESIGN INTERIM SPECIAL PROVISIONS (ISP's)

Standard Spec. No.	PC No.	Item
102.01	10201	Submission of Bidders List Information
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
251.00	25100	Erosion Control Blanket

NUMERIC DESIGN INTERIM SPECIAL PROVISIONS (ISP's)

Standard Spec. No.	PC No.	Item
303.00	30300	Aggregate Subgrade Improvement
403.00	40300	Bituminous Surface Treatment with Fog Seal
405.50	40550	Ultra-Thin Bonded Wearing Course
406.06	40606	Hot-Mix Asphalt – Longitudinal Joint Sealant
406.11	40611	Surface Testing of Pavements - IRI
409.00	40900	High Friction Surface Treatment
442.06	44206	Pavement Patching
511.00	51100	Slope Wall
581.01	58101	Full Lane Sealant Waterproofing System
630.03	63003	Guardrail
637.12	63712	Concrete Barrier
667.04	66704	Surveying Services
669.04	66904	Removal and Disposal of Regulated Substances
701.00	70100	Automated Flagger Assistance Devices
701.03	70103	Work Zone Traffic Control Devices
701.08	70108	Vehicle and Equipment Warning Lights
701.15	70115	Speed Display Trailer
701.15a	70115a	Temporary Rumble Strips
701.18	70118	Residential Driveway Temporary Signal
720.02	72002	Sign Panels and Appurtenances
730.02	73002	Wood Sign Support
780.13	78013	Pavement Marking
780.14	78014	Green Preformed Thermoplastic Pavement Markings
781.03	78103	Raised Reflective Pavement Markers
888.00	88800	Accessible Pedestrian Signals (APS)

NUMERIC DESIGN INTERIM SPECIAL PROVISIONS (ISP's)

Standard Spec. No.	PC No.	Item
1001.01	100101	Cement, Finely Divided Minerals, Admixtures, Concrete, and Mortar
1003.07	100307	Mechanically Stabilized Earth Retaining Walls
1026.01	102601	Concrete Sealer
1030.07	103007	Hot-Mix Asphalt
1032.05	103205	Performance Graded Asphalt Binder
1061.03	106103	Waterproofing Membrane System
1078.03	107803	Traffic Signal Backplate
1095.03	109503	Preformed Plastic Pavement Marking
1095.06	109506	Short Term and Temporary Pavement Markings

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BDE Special Provisions

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REVISED INDEX

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.

Standard Spec. No.	PC No.	Item
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
1001.01	100101	Cement, Finely Divided Minerals, Admixtures, Concrete, and Mortar
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
637.12	63712	Concrete Barrier
1026.01	102601	Concrete Sealer
107.01	10701	Construction Air Quality – Diesel Retrofit
108.06a	10806a	Disadvantaged Business Enterprise Participation
251.00	25100	Erosion Control Blanket
109.03	10903	Fuel Cost Adjustment
581.01	58101	Full Lane Sealant Waterproofing System
630.03	63003	Guardrail
214.03	21403	Grading and Shaping Ditches

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

Standard Spec. No.	PC No.	Item
780.14	78014	Green Preformed Thermoplastic Pavement Markings
409.00	40900	High Friction Surface Treatment
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
1003.07	100307	Mechanically Stabilized Earth Retaining Walls
780.13	78013	Pavement Marking
442.06	44206	Pavement Patching
1032.05	103205	Performance Graded Asphalt Binder
1095.03	109503	Preformed Plastic Pavement Marking
107.11	10711a	Railroad Protective Liability Insurance
781.03	78103	Raised Reflective Pavement Markers
669.04	66904	Removal and Disposal of Regulated Substances
701.18	70118	Residential Driveway Temporary Signal
250.07	25007	Seeding
1095.06	109506	Short Term and Temporary Pavement Markings
720.02	72002	Sign Panels and Appurtenances
511.00	51100	Slope Wall
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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ALPHABETIC LIST OF DESIGN INTERIM SPECIAL PROVISIONS (ISP's)

Standard Spec. No.	PC No.	Item
109.12	10912	Subcontractor Mobilization Payments
102.01	10201	Submission of Bidders List Information
109.13	10913	Submission of Payroll Records
406.11	40611	Surface Testing of Pavements – IRI
667.04	66704	Surveying Services
701.15a	70115a	Temporary Rumble Strips
1078.03	107803	Traffic Signal Backplate
108.06	10806	Training Special Provision
405.50	40550	Ultra-Thin Bonded Wearing Course
701.08	70108	Vehicle and Equipment Warning Lights
1061.03	106103	Waterproofing Membrane System
108.06b	10806b	Weekly DBE Trucking Reports
730.02	73002	Wood Sign Support
108.05	10805	Working Days
701.03	70103	Work Zone Traffic Control Devices

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SECTION 100

District Special Provisions

Standard Specifications	Item/Description	Doc. #
105.00	CONSTRUCTION STATION LAYOUT	10500
105.01	CONSTRUCTION LAYOUT RESPONSIBILITY	10501
105.02	CONSTRUCTION LAYOUT UTILIZING GPS EQUIPMENT	10502
105.03	CONSTRUCTION LAYOUT EQUIPMENT	10503
105.07	REMOVAL OF ABANDONED UNDERGROUND UTILITIES	10507
105.07a	STATUS OF UTILITIES/UTILITIES TO BE ADJUSTED	10507a
105.07b	UTILITIES – LOCATION/INFORMATION ON PLANS	10507b
107.12	REQUIREMENTS WHEN WORKING WITH THE RAILROAD	10712
107.13a	PROTECTION OF THE ILLINOIS RIVER	10713a
107.13b	MAINTENANCE OF NAVIGATION	10713b
107.31	LOCATION OF UNDERGROUND STATE MAINTAINED FACILITIES	10731
107.32	RIGHT-OF-WAY RESTRICTIONS	10732
108.05a	DATE OF COMPLETION	10805a
108.05b	DATE OF COMPLETION (PLUS WORKING DAYS)	10805b

SECTION 200

District Special Provisions

Standard Specifications	Item/Description	Doc. #
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

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District Special Provisions

Standard Specifications	Item/Description	Doc. #
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

Standard Specifications	Item/Description	Doc. #
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 CONSTUCTED SIMULTANEOUSLY WITH MAINLINE PAVING	48205
482.06	HOT-MIX ASPHALT SHOULDER RESURFACING CONSTRUCTED SIMULTANEOUSLY WITH MAINLINE PAVING	48206

SECTION 500

District Special Provisions

Standard Specifications	Item/Description	Doc. #
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

Standard Specifications	Item/Description	Doc. #
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 "*", 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

Standard Specifications	Item/Description	Doc. #
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
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

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District Special Provisions

Standard Specifications	Item/Description	Doc. #
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

Standard Specifications	Item/Description	Doc. #
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	Item/Description	Doc. #

SECTION 1000

District Special Provisions

Standard Specifications	Item/Description	Doc. #
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

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BACKFILL, BUILDING REMOVAL	550.07	55007
CLEAN EXISTING PAVEMENT EDGE JOINT	406.00	40600
COARSE AGGREGATE FOR BITUMINOUS COURSES, CLASS A	1004.03b	100403b
CONCRETE HANDRAIL REMOVAL	501.04	50104
CONCRETE HEADWALL REMOVAL	501.03	50103
CONSTRUCTION LAYOUT RESPONSIBILITY	105.01	10501
CONSTRUCTION LAYOUT UTILIZING GPS EQUIPMENT	105.02	10502
CONSTRUCTION LAYOUT EQUIPMENT	105.03	10503
CONSTRUCTION STATION LAYOUT	105.00	10500
DATE OF COMPLETION	108.05a	10805a
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DETECTOR LOOPS, TYPE 1	886.00a	88600a
DRAINAGE HOLES	606.12	60612
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FILLING EXISTING CULVERTS	605.04a	60504a
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Item/Description	Standard Specification	Filename
STEEL CASINGS (*") INCHES	561.00	56100
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
SUBGRADE TREATMENT	301.03	30103
SURFACE FILLER (SPECIAL)	503.02	50302
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
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TRAFFIC BARRIER TERMINALS	631.11c	63111c
TRAFFIC CONTROL AND PROTECTION STANDARD 701331 (SPECIAL)	701.08b	70108b
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

Designer Notes
Recurring Special Provisions

Designer Notes for January 1, 2025 Recurring Special Provisions
(November 7, 2025 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 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.

BDE Special Provisions

Designer Note: Include on all projects involving steel metal piling (excluding temporary sheet piling), structural steel, and reinforcing steel. Also include for other materials such as dowel bars, tie bars, welded reinforcement, guardrail, steel traffic signal and light poles, towers and mast arms, metal railings (excluding wire fence), frames and grates, and other miscellaneous items that may be subject to a steel cost adjustment when the pay item they are used in has a contract value of $10,000 or greater.

STEEL COST ADJUSTMENT (BDE)

Effective: April 2, 2004
Revised: November 1, 2025

Description. Steel cost adjustments will be made to provide additional compensation to the Contractor, or a credit to the Department, for fluctuations in steel prices when optioned by the Contractor. The bidder shall indicate with their bid whether or not this special provision will be part of the contract. Failure to indicate "Yes" for any item of work will make that item of steel exempt from steel cost adjustment.

Types of Steel Products. An adjustment will be made for fluctuations in the cost of steel used in the manufacture of the following items:

Metal Piling (excluding temporary sheet piling)
Structural Steel
Reinforcing Steel

Other steel materials such as dowel bars, tie bars, welded reinforcement, guardrail, steel traffic signal and light poles, towers and mast arms, metal railings (excluding wire fence), and frames and grates will be subject to a steel cost adjustment when the pay items they are used in have a contract value of $10,000 or greater.

The adjustments shall apply to the above items when they are part of the original proposed construction or added as extra work and paid for by agreed unit prices. The adjustments shall not apply when the item is added as extra work and paid for at a lump sum price or by force account.

Documentation. The following documentation shall be furnished to the Engineer.

(a) The dates and quantity of steel, in lbs. (kg), shipped from the mill to the fabricator.

(b) The quantity of steel, in lbs. (kg), incorporated into the various items of work covered by this special provision. The Department reserves the right to verify submitted quantities.

Method of Adjustment. Steel cost adjustments will be computed as follows:

SCA = Q X D

Where: SCA = steel cost adjustment, in dollars
Q = quantity of steel incorporated into the work, in lbs. (kg)
D = price factor, in dollars per lb. (kg)

$D = MPI_M - MPI_L$

Where: MPI_M = The Materials Cost Index for steel as published by the Engineering News-Record for the month the steel is shipped from the mill. The indices will be converted from dollars per 100 lbs. to dollars per lb. (kg).

MPI_L = The Materials Cost Index for steel as published by the Engineering News-Record for the month prior to the letting for work paid for at the contract price; or for the month the agreed unit price letter is submitted by the Contractor for extra work paid for by agreed unit price. The indices will be converted from dollars per 100 lbs. to dollars per lb. (kg).

The unit weights (masses) of steel that will be used to calculate the steel cost adjustment for the various items will be derived from submitted documentation.

No steel cost adjustment will be made for any products manufactured from steel having a mill shipping date prior to the letting date.

If the Contractor fails to provide the required documentation, the method of adjustment will be calculated as described above; however, the MPI_M will be based on the date the steel arrives at the job site. In this case, an adjustment will only be made when there is a decrease in steel costs.

Basis of Payment. Steel cost adjustments may be positive or negative but will only be made when there is a difference between the MPI_L and MPI_M in excess of five percent, as calculated by:

$$\text{Percent Difference} = \{(MPI_L - MPI_M) \div MPI_L\} \times 100$$

Steel cost adjustments will be calculated by the Engineer and will be paid or deducted when all other contract requirements for the items of work are satisfied. Adjustments will only be made for fluctuations in the cost of the steel as described herein. No adjustment will be made for changes in the cost of manufacturing, fabrication, shipping, storage, etc.

The adjustments shall not apply during contract time subject to liquidated damages for completion of the entire contract.

Designer Note: This special should be included in contracts using high friction surface treatment.

HIGH FRICTION SURFACE TREATMENT (BDE)

Effective: November 1, 2025

Add the following Section to the Standard Specifications:

"SECTION 409. HIGH FRICTION SURFACE TREATMENT

409.01 Description. This work shall consist of constructing a high friction surface treatment (HFST) on an existing hot-mix asphalt (HMA) or Portland cement concrete (PCC) pavement surface.

409.02 Materials. Materials shall be according to the following.

Item	Article/Section
(a) Epoxy Resin Binder	1034
(b) Coarse Aggregate	1004.08

409.03 Equipment. Equipment shall be according to the following.

Item	Article/Section
(a) HFST Application Machine	1101.21
(b) Air Compressor	1101.19
(c) Regenerative Air Vacuum Sweeper	1101.22

CONSTRUCTION REQUIREMENTS

409.04 General. The HFST shall be placed by a qualified applicator according to the Department's qualified product list.

409.05 Weather Limitations. The epoxy resin binder shall be applied to a dry surface when no rain has occurred for 24 hours prior to application and the ambient air temperature is a minimum of 55 F (13 C), unless the epoxy resin manufacturer can provide test data to support installations at lower temperatures, to a maximum of 105 F (40 C) or when the anticipated weather conditions or pavement surface temperature would prevent the proper application of the surface treatment according to the manufacturer's recommendations.

The HFST shall only be applied if the surface moisture content is 4.5 percent or less when measured on a 20 ft. (6 m) spacing throughout the application area using a calibrated electronic moisture meter.

409.06 Quality Control (QC) Plan. The Contractor shall submit a QC Plan to the Engineer for approval at least 30 days before placement. The QC Plan requirements shall be discussed at the pre-construction, pre-pave, and progress meetings, and contain, at a minimum, the following:

(a) Key personnel and contact information, including the QC Manager.

(b) Equipment which will be used.

(c) Epoxy resin production plant.

(d) Aggregate production plant.

(e) Moisture control methods for aggregate.

(f) Provide the electronic moisture meter manufacturer's calibration documents and method of conducting periodic accuracy checks. Provide a procedure for measuring moisture on the pavement before HFST installation. Provide a procedure for corrective action if the moisture meter results fall outside of the acceptable range.

(g) List of manufacturer recommendations for storage of material, weather restrictions, epoxy resin blending procedures, curing time to begin sweeping operations and opening to traffic.

(h) Plan for monitoring and recording ambient conditions (air temperature, surface temperature, and relative humidity).

(i) Cleaning and maintenance schedule for truck-mounted application machines, including metering and monitoring devices.

(j) Traffic plan for ingress and egress for all material handling operations.

The QC Manager and a field technician shall be on the job site at all times during the placement of the HFST.

The field technician shall be responsible for the required field quality control sampling and testing. All sampling shall be performed in the presence of and in locations as directed by the Engineer. Maintain and make available upon request complete records of sampling, testing, actions taken to correct problems, and quality control inspection results.

409.07 Test Strip. A 200 sq. yd. (168 sq. m) test strip shall be required for contracts with a quantity of 1,000 sq. yd. (836 sq. m) or more of HFST to demonstrate the truck-mounted application machine has been properly calibrated. The Engineer will evaluate the application rate and cure time.

409.08 Surface Preparation. The surface shall be free of dust, dirt, oil, grease, paint, and all foreign matter. Pressure washing some areas may be necessary. Mild detergents may be used in pressure washing procedures when allowed by the manufacturer. Completely dry the area to be overlaid using compressed air or hot compressed air.

Pavement patching shall be performed in accordance with Section 442.

Joints and cracks 3/8 in. (10 mm) or wider shall be cleaned of vegetation, loose and unsound material and filled with a sealant recommended by the epoxy resin manufacturer that will bond to the specified epoxy resin binder. The cleaned cracks shall be filled such that the sealant is flush with the pavement surface.

Cover and protect all utilities, preformed joint seal, raised pavement markers, and existing pavement markings in areas where markings will be left in place.

409.09 HFST Application. HFST shall be applied not less than 30 days after placement of new HMA or new PCC surface or patches. The surface shall be clean, dry, and free of dust, oil, debris, and any foreign matter that might interfere with the bond between the epoxy resin binder material and existing surfaces. Shot blast all PCC surfaces. The blasted surface shall conform to the International Concrete Repair Institute, ICRI, Guideline No. 310.2 for surface roughness concrete surface profile of CSP 5. After shot blasting, remove dust, debris, and deleterious material by vacuuming, sweeping, and air washing, with a minimum of 180 cu. ft./min. (5 cu. m/min.) of clean and dry compressed air. Maintain the air lance perpendicular to the surface and the tip of the air lance within 12 in. (300 mm) of the surface. Install HFST within the same working day as the completed air wash.

(a) Projects Greater Than or Equal to 300 sq. yd. (250 sq. m). The epoxy resin binder and aggregate shall be applied by a HFST application machine in a single pass on projects with a total HFST quantity of at least 300 sq. yd. (250 sq. m). The binder shall be mixed per the manufacturer's recommendations and applied at a uniform rate with a uniform thickness of 55-65 mils (1.4-1.7 mm). The aggregate shall be applied at a uniform rate to ensure complete coverage of the "wet" epoxy resin binder.

The binder shall not be allowed to separate in the mixing lines, cure, dry, chill, set up, or otherwise impair retention bonding to the aggregate. The Contractor shall ensure that no seams are visible in the middle of the traffic lanes of the finished work.

(b) Projects Less Than 300 sq. yd. (250 sq. m). HFST application machine according to Article 409.09(a) or manual application shall be used on projects with a total HFST quantity less than 300 sq. yd. (250 sq. m).

For manual application, the binder shall be mixed to the manufacturers recommended proportion within 4 percent by weight using a low-speed high torque drill fitted with a helical stirrer and applied manually at a uniform rate with a uniform thickness of 55-65 mils (1.4-1.7 mm) using a serrated edged squeegee.

The aggregate shall be applied immediately and uniformly across the treated area without displacing the wet epoxy resin film, whether by mechanical or manual means to ensure complete coverage. Additional aggregate shall be applied to any remaining "wet" areas to ensure complete coverage of the epoxy resin binder.

The Contractor shall not compact or force embedment of the aggregate after placement.

409.10 Curing and Clean Up. Allow the treatment to cure following epoxy resin manufacturer recommendations. Perform three separate clean-up processes by removing the excess aggregate with a regenerative air vacuum sweeper on the treated area and adjacent areas. Perform initial clean-up before opening to traffic. Excess aggregate may be reused on

the following day's installation provided the aggregate is clean, uncontaminated, and dry. Perform secondary clean-up three to five (3-5) days after construction. Perform final clean-up three to five (3-5) weeks after construction. No loose aggregate shall remain after final clean-up.

409.11 Sampling and Testing. During the first day of placing HFST, 0.125 gal. (0.5 L) samples of each component of the epoxy resin binder and two 40 lb. (18 kg) sample bags of aggregate shall be submitted to the Department. The Contractor shall supply and label the samples under observation of the Engineer.

The finished HFST will be tested by the Department within 60 days after construction and shall meet the following requirements.

Field Acceptance Testing Requirements			
Property	Requirements	Frequency	Test Method
FN40R OPTIONAL	72 min.	Every 0.1 mile in each lane.	ASTM E 274 (Ribbed tire)
Mean Profile Depth (mm) OPTIONAL	1.0 min.	1 per each location, or 1 per every 1,500 lane-feet, whichever is shorter.	ASTM E 2157

409.12 Method of Measurement. High friction surface treatment will be measured for payment in Square Yards (sq. m).

Pavement patching will be measured for payment according to Article 442.10.

Pavement marking removal will be measured for payment according to Article 783.05.

Crack/joint filling will be measured for payment in Feet (Meters), measured along the crack.

409.13 Basis of Payment. High friction surface treatment will be paid for at the contract unit price per Square Yard (Square Meter) for HIGH FRICTION SURFACE TREATMENT.

Pavement patching will be paid according to Article 442.11.

Pavement marking removal will be paid according to Article 783.06.

Crack/joint filling will be paid for at the contract unit price per Foot (Meter) for "HIGH FRICTION SURFACE TREATMENT CRACK FILLING."

Add the following Article to the Standard Specifications:

"1004.08 Coarse Aggregate for High Friction Surface Treatment. The aggregate shall be calcined bauxite that is clean, dry, free from foreign matter, non-friable, non-polishing, durable and conforms to the requirements of AASHTO M 354, Table 4. Calcined bauxite shall be delivered to the construction site in clearly labeled packaging that protects the aggregate from any contaminants on the job site and exposure to rain or other moisture. All packages shall be labeled with the supplier, the manufacturer or source name, and the location of processing. The aggregate shall be on the Department's qualified product list "High Friction Surface Treatment".

Safety data sheets, technical data sheets, and other information about the safe practices for the storage, handling, and disposal of the materials, and their health hazards shall be obtained

from the manufacturer and posted in storage areas. A copy of such information shall be provided to the Engineer."

Add the following Section to the Standard Specifications:

"SECTION 1034 EPOXY RESIN BINDER

1034.01 Epoxy Resin Binder. The binder shall consist of a two-part exothermic epoxy resin which conforms to the requirements of AASHTO M 354, Table 1. The epoxy resin shall be packaged in sealed containers, labeled with the type of material and the ratio of components to be mixed by volume. Each packaged component shall display the type (resin or hardener), brand name, name of the manufacturer, lot number, temperature range for storage, expiration date, and quantity. Each container shall be labeled with the appropriate caution warnings regarding contact with the component. The epoxy resin binder shall be on the Department's qualified product list "High Friction Surface Treatment".

Safety data sheets, technical data sheets, and other information about the safe practices for the storage, handling, and disposal of the materials, and their health hazards shall be obtained from the manufacturer and posted in storage areas. A copy of such information shall be provided to the Engineer."

Add the following Article to the Standard Specifications:

"**1101.21 HFST Application Machine.** The HFST application machine shall be a self-propelled, fully or semi-automated truck-mounted applicator machine capable of continuously mixing and applying resin and aggregate at a uniform thickness and rate in varying widths of up to 12 ft. (3.6 m). Equipment shall be calibrated according to the manufacturer's recommendations. The quantity of all components shall be metered, controlled, and verifiable.

The aggregate shall be applied by a drop spreader capable of mechanically, continuously, and uniformly spreading bauxite aggregate. The aggregate spreader shall meet the requirements of the epoxy resin binder manufacturer."

Add the following Article to the Standard Specifications:

"**1101.22 Regenerative Air Vacuum Sweeper.** The regenerative air vacuum sweeper shall be self-propelled with power brooms capable of cleaning the existing pavement and removing loose aggregate without dislodging the bonded aggregate. The regenerative air vacuum sweeper shall blast re-circulated, filtered air through a vacuum head having a minimum width of 6 ft. (1.8 m) at a minimum rate of 20,000 cu. ft./min (560 cu. m/min.). The regenerative air vacuum sweeper shall be capable of recycling loose aggregate into clean, uncontaminated, and dry aggregate. The regenerative air vacuum sweeper shall be capable of being used without water for dust suppression to ensure a dry surface will be maintained."

Designer Note: This special should be inserted into all contracts with guardrail installation, repair, or replacement.

GUARDRAIL (BDE)

Effective: November 1, 2025

Revise Article 701.17(f) of the Standard Specifications to read:

"(f) Guardrail. Where guardrail is temporarily removed or where the guardrail installation is incomplete, Type II barricades or drums shall be placed at 50 ft. (15 m) centers during completion of the work.

Guardrail installation shall be completed within three calendar days of removal or shielded with a temporary longitudinal traffic barrier approved by the Engineer.

On staged construction projects all guardrail and end terminal installations shall be complete prior to switching traffic."

Designer Note: This special provision may be used with Highway Standards 701316 and 701321 on two-lane two-way roadways with residential driveways in the work zone where two-way traffic will be maintained over one lane of pavement and controlled by a temporary bridge traffic signal system.

RESIDENTIAL DRIVEWAY TEMPORARY SIGNAL (BDE)

Effective: November 1, 2025

Description. At the Contractor's option, residential driveway temporary signals (RDTS) may be used in place of temporary bridge traffic signals to control residential driveways within the one-lane two-way portion of the work zone. Work shall be according to Article 701.18(b), except as follows:

Materials. Materials shall be according to the following Articles/Sections of the Standard Specifications:

Item	Article/Section
(a) Light Emitting Diode (LED) Traffic Signal Head	1078

CONSTRUCTION REQUIREMENTS

General. The RDTS shall be a self-contained mobile unit that includes a single vertical mast supporting a single three-section signal face comprising of a 12 in. (300 mm) diameter steady circular red indication on top and two adjacent 8 in. (200 mm) or 12 in. (300 mm) diameter flashing yellow arrow indications below. The device shall include a NO TURN ON RED sign (R10-11b) with a regulatory plaque displaying the legend TURN ONLY IN DIRECTION OF ARROW according to Attachments IA-23-2.1 and 2.2 of FHWA Memorandum "MUTCD – Interim Approval for Optional Use of Residential Driveway Temporary Signal (IA-23)".

The RDTS shall continuously operate using a self-contained power source over an ambient temperature range between -30°F (-34°C) and 120°F (48°C).

The RDTS shall be installed secure and level according to Attachment IA-23-1 of FHWA Memorandum "MUTCD – Interim Approval for Optional Use of Residential Driveway Temporary Signal (IA-23)".

The RDTS shall be coordinated, and have the capability to communicate, with the temporary bridge traffic signal system controlling main roadway traffic. During each green interval of the main roadway, the RDTS shall display a flashing yellow arrow indication corresponding to the direction of the main roadway traffic movement. A steady yellow change interval shall follow the flashing yellow arrow interval for the RDTS. The system shall be programmed such that driveway vehicles can turn before, within, and after the main roadway traffic platoon. The all-red interval of the temporary traffic signal shall be programmed to account for the addition of driveway vehicles to the platoon.

The entire traffic signal system including RDTS units shall be equipped with a malfunction management system that can communicate with all signal units. In the event of any fault at any

signal unit including but not limited to loss of communication or display of conflicting signal indications, the entire system shall be placed in flashing mode. RDTS units shall flash red when operating in flashing mode.

The RDTS and temporary traffic signal system shall be verified to function properly before closing any lanes.

When not utilized to direct traffic, the RDTS shall be treated as non-operating equipment according to Article 701.11.

Basis of Payment. This work will not be paid for separately but shall be included in the cost of temporary bridge traffic signals according to Article 701.20(c).

Designer Note: Insert into all contracts using pavement markings.

PAVEMENT MARKING (BDE)

Effective: April 1, 2025
Revised: November 1, 2025

Revise the fourth sentence of the fourth paragraph of Article 780.05 of the Standard Specifications to read:

"Grooves for letters and symbols shall be cut in a rectangular shape or in the shape of the proposed marking so the entire marking will fit within the limits of the grooved area."

Revise the last sentence of the third paragraph of Article 780.08 of the Standard Specifications to read:

"The Contractor shall install the preformed plastic pavement markings according to the manufacturer's recommendations."

Revise the second sentence of the first paragraph of Article 780.13 of the Standard Specifications to read:

"In addition, thermoplastic, preformed plastic, epoxy, preformed thermoplastic, polyurea, and modified urethane pavement markings will be inspected following a winter performance period that extends from November 15th to April 1st of the next year."

Designer Note: Insert this special in contracts using raised reflective pavement markings.

RAISED REFLECTIVE PAVEMENT MARKERS (BDE)

Effective: November 1, 2025

Revise the eighth sentence of the second paragraph of Article 781.03(a) of the Standard Specifications to read:

> "A rapid setting epoxy selected from the Department's qualified product list for raised reflective pavement markers shall be poured into the cut to within 3/8 in. (9 mm) of the pavement surface."

Revise the first sentence of Article 1096.01 of the Standard Specifications to read:

"**1096.01 Raised Reflective Pavement Markers.** Raised reflective pavement markers shall meet the following requirements and be on the Department's qualified product list."