Illinois Department of Transportation

Memorandum

To:	*
From:	Rich Dotson RJD
Subject:	**Special Provision Changes**
Date:	October 8, 2013

The following special provisions have been revised for the January 17, 2014 and February 28, 2014 lettings. Please revise your special provision books as indicated.

Recurring Special Provisions

Replace Designer Notes with updated sheets for the 2014 Recurring Special Provisions.

Interim Special Provisions

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.
		See BDE Special Provision Checksheet for the new location of the following deleted specials.
105.04	(Deleted)	**"Traffic Control Deficiency Deduction (BDE)"**
105.07	(Deleted)	**"Utility Coordination and Conflicts (BDE)"**
108.09	(Deleted)	**"Liquidated Damages (BDE)"**
109.07	(Deleted)	**"Payments to Subcontractors (BDE)"**
253.00	(Deleted)	**"Planting Woody Plants (BDE)"**
280.04	(Deleted)	**"Temproary Erosion and Sediment Control (BDE)"**
312.26	(Deleted)	**"Portland Cement Concrete (BDE)"**
400.01	(Deleted)	**"Preventative Maintenance – Cape Seal (BDE)"**
400.02	(Deleted)	**"Preventative Maintenance – Micro-Surfacing (BDE)"**

Interim Special Provisions *(Continued)*

ISP Number		Description
400.03	(Deleted)	**"Preventative Maintenance – Slurry Seal (BDE)"**
400.04	(Deleted)	**"Preventative Maintenance – Bituminous Surface Treatment (BDE)"**
406.06	(Deleted)	**"Stone Matrix Asphalt (BDE)"**
420.16	(Deleted)	**"Restoring Bridge Approach Pavements Using High Density Foam (BDE)"**
440.00	(Deleted)	**"Pavement Removal (BDE)"**
503.06	(Deleted)	**"Placing and Consolidating Concrete (BDE)"**
503.19	(Deleted)	**"Bridge Relief Joint Sealer (BDE)"**
606.02	(Deleted)	**"Synthetic Fibers in Concrete Gutter, Curb, Median and Paved Ditch (BDE)"**
643.00	(Deleted)	**"High Tension Cable Median Barrier (BDE)"**
671.00	(Deleted)	**"Subcontractor Mobilization Payments (BDE)"**
703.00	(Deleted)	**"Temporary Raised Pavement Marker (BDE)"**
780.01	(Deleted)	**"Modifed Urethane Pavement Marking (BDE)"**
780.13	(Deleted)	**"Polyurea Pavement Markings (BDE)"**
783.03	(Deleted)	**"Pavement Marking Removal (BDE)"**
1006.09	(Deleted)	**"Anchor Bolts (BDE)"**
1040.03	(Deleted)	**"Drain Pipe, Tile, Drainage Mat and Wall Drain (BDE)"**
1082.01	(Deleted)	**"Fabric Bearing Pads (BDE)"**
1106.02i	(Deleted)	**"Movable Traffic Barrier (BDE)"**
1106.02k	(Deleted)	**"Temporary Water Filled Barrier (BDE)"**

Interim Special Provisions *(Continued)*

ISP Number	Description
107.01 (Revised)	**"Construction Air Quality (BDE)"** Revised to update website links.
108.00 (New)	**"PAYROLLS AND PAYROLL RECORDS (BDE)"** New special provision.
109.07 (New)	**"Progress Payments (BDE)"** New special.
638.00 (New)	**"Glare Screen (BDE)"** New special to replace Sections 638 and 1085 and replace Check Sheet #22.
701.18 (New)	**"Traffic Control Setup and Removal Freeway/Expressway (BDE)"** New special to say we do not pay for Highway Standard 701428 separately.
780.14 (New)	**"Pavement Marking for Bike Symbol (BDE)"** Adds size information for bike symbol.
888.00 (Revised)	**"Accessible Pedestrian Signals (APS) (BDE)"** Revised to incorporate new requirements.
1020.05a (Revised)	**"Concrete Mix Design – Department Provided (BDE)"** Revised to match 2014 Supplemental and Recurring Specials.
1020.13 (New)	**"Portland Cement Concrete – Curing of Abutments and Piers (BDE)"** Requires the use of wetted burlap or cotton mat for curing.
1020.16 (Revised)	**"Quality Control/Quality Assurance of Concrete (BDE)"** Revised to fit the 2014 Supplementals and Recurring Specials.

District Special Provisions

District Number	Description
Alphabetic District Index (Revised)	Remove existing alphabetic index and insert revised index.
Numerical District Index (Revised)	Remove existing numeric index and insert revised index.
542.02 (New)	**"Pipe Culverts (Jacked)"** New special to cover lack of Standard Specifications.
667.01 (New)	**"Permanent Pavement Markers"** New special to use on projects where new permanent survey markers are being installed.

General Notes

District Number	Description
Alphabetic District Index (Revised)	Remove existing alphabetic index and insert revised index.
Numerical District Index (Revised)	Remove existing numeric index and insert revised index.

General Notes *(Continued)*

District Number		Description
204.00	(Revised)	**"Environmental Reviews"** Minor revisions.

RD:tdp\s:\mgr2\winword\special provisions\special provisions changes memos\specprovchngsmemo_2013-10-08.doc
Attachment(s)

cc: *	N. Jack	Team 1	Team 5	Team 9	Galesburg Design
	K. Emert	Team 2	Team 6	Team 10	Local Roads (M. Augspurger)
	T. Phillips	Team 3	Team 7	Team 11	Materials (H. Shoup)
	L. Hayworth	Team 4	Team 8	Geometrics	Bridge (T. Inglis)

Special Provisions Generated Checklist
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January 17, 2014 & February 28, 2014 Lettings

SPECIAL PROVISIONS CHECK LIST
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Designer: _____ **FAP:** _____
Contract No.: _____ **Section:** _____
County: _____

Note: Specials that go in every contract have already been marked with an "√" for you.

√	Dir	File Name	Spec Title	Spec Dates
	BRG\	APSLRP-1.DOC	Approach Slab Repair	E 3/13/97
	DES\	00000.doc	STATE OF ILLINOIS	
	DES\	10500.doc	Construction Station Layout	E 7/30/10
	DES\	10506.doc	Prestage Site Construction Meetings	E 6/1/92
	DES\	10507.doc	Removal of Abandoned Underground Utilities	E 1/15/96 R 11/21/96
	DES\	10507a.doc	Status of Utilities/Utilities To Be Adjusted	E 1-21-05
	DES\	10507b.doc	Utilities - Locations/Information on Plans	E 11/8/13
	DES\	10700a.doc	Nationwide 404 Permit Requirements	E 1/22/01 R 8/2/02
√	DES\	10731.doc	Location of Underground State Maintained Facilities	E 8/3/07 R 7/31/09
	DES\	10732.doc	Right-of-Way Restrictions	E 7/1/94
	DES\	10803.doc	Delayed Start of Multiple Contracts	E 11/1/01
	DES\	10805a.doc	Date of Completion	E 3/1/90 R 4/28/08
	DES\	10805b.doc	Date of Completion (Plus Working Days)	E 3/1/90 R 7/1/94
	DES\	20400.doc	Borrow and Furnished Excavation	E 3/7/00 R 4/27/07
	DES\	20500.doc	Geotechnical Reinforcement	E 6/10/93 R 1/1/07
	DES\	20504.doc	Embankment (Restrictions)	E 1/21/05 R 8/3/07
	DES\	20505.doc	Embankment	E 7/1/90 R 8/3/07
	DES\	20505a.doc	Embankment (Small Embankment)	E 10/1/99 R 1/1/07
	DES\	25000.doc	Seeding, Minor Areas	E 7/1/90 R 1/1/07
	DES\	25006a.doc	Mowing	E 12/11/01 R 1/1/12
	DES\	25006b.doc	Mowing	E 12/11/01 R 1/1/12
	DES\	25300.doc	Tree Whip Mixture	E 8/15/91 R 4/25/08
	DES\	25300b.doc	Seedling Mixture A	E 5/5/00 R 11/1/08
	DES\	28100.doc	Grout for Use With Riprap	E 7/30/10
	DES\	28104.doc	Stone Dumped Riprap*	E 4/15/91 R 1/1/07
	DES\	28106.doc	Stone Riprap	E 11/5/10
	DES\	28303.doc	Aggregate Ditch	E 4/15/91 R 10/15/01
	DES\	30101.doc	Proof Rolling	E 4/23/04 R 1/1/07
	DES\	30103.doc	Subgrade Treatment	E 7/1/90 R 4/28/08
	DES\	30200.doc	Soil Modification	E 7/1/90 R 7/30/10
	DES\	31100.doc	Rock Fill	E 10/15/95 R 4/26/13
	DES\	31101.doc	Subbase Granular Material	E 11/5/04
	DES\	35500d.doc	Temporary Pavement	E 10/1/95 R 4/23/10
	DES\	35600.doc	Temporary Base Course Widening ___"	E 4/26/13
	DES\	40600.doc	Clean Existing Pavement Edge Joint	E 1/3/00 R 1/1/07
	DES\	40601.doc	Anti-Strip Additive for Hot-Mix Asphalt	E 7/30/10

SPECIAL PROVISIONS CHECK LIST
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Designer: _____ **FAP:** _____
Contract No.: _____ **Section:** _____
County: _____

	DES\	40602.doc	Hot-Mix Asphalt - Prime Coat	E 4/29/11 R 4/26/13
	DES\	40604a.doc	Hot-Mix Asphalt Surface Course Surface Tests	E 11/1/03 R 1/1/07
	DES\	40613.doc	Payment for Use of Material Transfer Device	E 4/23/10
	DES\	40706.doc	Bituminous Prime Coat for Hot-Mix Asphalt Pavement (Full-Depth)	E 8/3/07 R 4/23/10
	DES\	40713.doc	Grooved-in Rumble Strip	E 11/16/07 R 7/30/10
	DES\	42020.doc	Railroad Approach Pavement	E 10/1/95 R 1/1/07
	DES\	42401.doc	Sidewalk Drains	E 3/1/91 R 1/1/07
	DES\	42402.doc	Temporary Sidewalks	E 3/1/91 R 2/1/96
	DES\	44000.doc	Partial Depth Patching	E 4/26/13
	DES\	44001.doc	Bridge Wearing Surface Removal	E 7/1/90 R 1/1/07
	DES\	44002.doc	Longitudinal Joint Repair	E 4/26/13
	DES\	44003.doc	Protection of Frames and Lids of Utility Structures	E 3/6/91 R 1/1/07
	DES\	44003a.doc	Hot-Mix Asphalt Surface Removal, **" (** mm)	E 3/1/93 R 11/8/13
	DES\	44003b.doc	Hot-Mix Asphalt Surface Removal, **" (** mm)	E 2/5/93 R 11/8/13
	DES\	44003c.doc	Center Joint Repair System	E 3/1/91 R 1/1/07
	DES\	44003d.doc	Pavement Drainage After Cold Milling	E 3/15/96 R 1/1/07
	DES\	44003e.doc	Pavement Patching with Hot-Mix Asphalt Surface Removal	E 3/1/97 R 1/1/07
	DES\	44003f.doc	Hot-Mix Asphalt Concrete Milling Material	E 11/1/03 R 8/3/07
	DES\	44200.doc	Class (*) Patches, Type (**),(***) "	E 1/1/99 R 11/1/07
	DES\	44300.doc	Reflective Crack Control Treatment	E 3/1/96 R 1/1/07
	DES\	45100.doc	Crack and Joint Sealing	E 6/15/97 R 1/1/07
	DES\	48205.doc	Hot-Mix Asphalt Shoulder Resurfacing Required to be Constructed Simultaneously with Mainline Paving	E 4/23/10
	DES\	48206.doc	Hot-Mix Asphalt Shoulder Resurfacing Constructed Simultaneously with Mainline Paving	E 1/22/01 R 1/1/07
	DES\	50103.doc	Concrete Headwall Removal	E 7/1/90
	DES\	50104.doc	Concrete Handrail Removal	E 7/1/90 R 1/1/07
	DES\	50300.doc	Bin-Type Retaining Wall	E 7/1/90 R 1/1/07
	DES\	50301.doc	Concrete Wearing Surface	E 7/1/90 R 1/1/07
	DES\	50302.doc	Surface Filler, Special (Gallon)	E 4/23/10
	DES\	50312.doc	Plug Existing Deck Drains	E 1/1/96 R 3/22/01
	DES\	50312a.doc	Floor Drain Extension	E 3/22/01
	DES\	50317.doc	Bridge Floor Finishing Machine	E 5/1/95 R 1/1/07
	DES\	50319.doc	Protective Coat, Special	E 4/23/10

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Designer: _____ **FAP:** _____
Contract No.: _____ **Section:** _____
County: _____

	DES\	52100b.doc	Jack and Reposition Bearings	E 11/15/93 R 1/1/09
	DES\	52100c.doc	Jacking and Cribbing	E 1/1/94 R 1/1/07
	DES\	54200.doc	Seepage Collar	E 12/1/96
	DES\	54201.doc	Remove and Relay Pipe Culverts	E 7/1/90 R 1/1/07
	DES\	54202.doc	Pipe Culverts (Jacked)	E 1/1/14
	DES\	54204.doc	Pipe Culverts	E 7/1/90 R 1/1/07
	DES\	54204e.doc	Backfill - Pipe Culverts	E 10/15/95 R 1/1/07
	DES\	55000.doc	Storm Sewer, (Water Main Quality Pipe)	E 1/1/11 R 1/1/12
	DES\	55007.doc	Backfill, Building Removal	E 8/20/91 R 1/1/07
	DES\	55200.doc	Steel Pipe Culvert, Special (Jacked) * inches (* mm)	E 7/1/94 R 1/1/07
	DES\	55201.doc	(*Storm Sewer/Pipe Culvert) Jacked in Place, ** inches (** mm)	E 7/1/94 R 1/1/07
	DES\	56100.doc	Steel Casings * Inches	E 7/1/90 R 1/1/13
	DES\	56101.doc	Steel Casings * Inches	E 7/1/90 R 1/1/13
	DES\	60101.doc	Pipe Underdrain	E 8/1/03
	DES\	60200a.doc	Inlets, Type G-1	E 10/1/95 R 1/1/07
	DES\	60200b.doc	Inlets, Type G-1, Special	E 10/1/95 R 1/1/07
	DES\	60200c.doc	Inlets, Type G-1, Double, Special	E 10/1/95 R 1/1/07
	DES\	60200d.doc	Inlet Manhole, Type G-1, 4' (1.2 m) Diameter	E 10/1/95 R 1/1/07
	DES\	60200e.doc	Inlet-Manhole, Type G-1, 4' (1.2 m) Diameter, Special	E 10/1/95 R 1/1/07
	DES\	60200f.doc	Inlet-Manhole, Type G-1, 5' (1.5 m) Diameter	E 10/1/95 R 1/1/07
	DES\	60200g.doc	Inlet-Manhole, Type G-1, 5' (1.5 m) Diameter, Special	E 10/1/95 R 1/1/07
	DES\	60200h.doc	Inlet-Manhole, Type G-1, 5' (1.5 m) Diameter, Double, Special	E 10/1/95 R 1/1/07
	DES\	60200i.doc	Inlet-Manhole, Type G-1, 8' (2.4 m) Diameter, Double, Special	E 10/1/95 R 1/1/07
	DES\	60200j.doc	Manhole to be Adjusted with New Type G-1 Frame and Grate	E 10/1/95 R 1/1/07
	DES\	60200k.doc	Temporary Inlet Drainage Treatment	E 1/1/97
	DES\	60200l.doc	Inlets, Type G-2	E 11/1/03 R 1/1/07
	DES\	60200m.doc	Inlets, Type G-1, Double	E 7/31/09
	DES\	60200n.doc	Inlets, Type " * ", With Special Frame and Grate	E 8/2/13
	DES\	60200o.doc	Manhole, Type A, of the Diameter Specified with Special Frame and Grate	E 8/2/13
	DES\	60504.doc	Filling Existing Inlets	E 7/1/90 R 7/1/94
	DES\	60504a.doc	Filling Existing Culverts	E 10/15/95 R 1/1/07
	DES\	60504b.doc	Filling Existing Drainage Structures	E 10/15/95 R 1/1/07
	DES\	60608.doc	Island Pavement Constructed on Existing Pavement	E 1/1/97 R 1/1/07

SPECIAL PROVISIONS CHECK LIST
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Designer: _____ **FAP:** _____
Contract No.: _____ **Section:** _____
County: _____

	DES\	60612.doc	Drainage Holes	E 7/1/90 R 1/1/07
	DES\	63000.doc	Erosion Control Curb	E 4/1/91 R 1/1/07
	DES\	63001.doc	Guardrail Aggregate Erosion Control	E 2/1/93 R 1/1/07
	DES\	63008.doc	Steel Plate Beam Guardrail, Type A, 6.75 Foot Posts	E 7/31/09 R 4/27/12
	DES\	63104.doc	Traffic Barrier Terminals, Type 1, Special (Flared) or (Tangent)	E 7/31/09 R 4/26/13
	DES\	63107.doc	Traffic Barrier Terminals, Type 6	E 7/31/09
	DES\	63111c.doc	Traffic Barrier Terminals	E 2/1/96 R 11/5/04
	DES\	63114.doc	Traffic Barrier Terminals, Type 2	E 7/31/09
	DES\	63200.doc	Guard Post Removal	E 7/1/90 R 1/1/07
	DES\	63500.doc	Flexible Delineator Maintenance	E 5/5/92 R 1/1/94
	DES\	63501.doc	Flexible Delineators	E 10/1/95 R 1/1/07
	DES\	66701.doc	Permanent Survey Markers	E 1/1/14
	DES\	66704.doc	Permanent Survey Marker, Type 1, Bridge Placement	E 7/1/90 R 3/11/11
	DES\	66802.doc	Permanent Survey Ties	E 4/1/91 R 4/27/12
	DES\	67005.doc	Equipment Vault for Nuclear Testing Equipment	E 6/24/93 R 7/1/94
	DES\	68000.doc	Railroad Track Removal	E 11/1/94 R 1/1/07
	DES\	68000a.doc	Railroad Ties Removal and Disposal	E 11/1/94 R 10/1/95
	DES\	68300.doc	Mortared Stone Wall	E 3/1/91 R 1/1/07
√	DES\	70100.doc	Traffic Control Plan	E R
	DES\	70106.doc	Speeding Penalty	E 1/21/05
	DES\	70108b.doc	Traffic Control and Protection Standard 701331 (Special)	E 10/15/95 R 7/31/09
	DES\	70114.doc	Width Restriction Signing	E 11/1/07 R 1/1/12
	DES\	70120.doc	Traffic Control and Protection BLR 21 and BLR 21 (Special)	E 4/25/08
	DES\	70121.doc	Traffic Control and Protection BLR 22 and BLR 22 (Special)	E 4/25/08 R 7/31/09
	DES\	70122.doc	Traffic Control and Protection Standard 701606 (Special)	E 7/31/09
	DES\	70300.doc	Pavement Marking Removal/Work Zone Pavement Marking Removal	E 4/29/05
	DES\	70400.doc	Temporary Concrete Barrier, State Owned and Temporary Concrete Barrier Terminal Sections, State Owned	E 5/1/91 R 1/1/07
	DES\	70400a.doc	Temporary Concrete Barrier Reflectors	E 1/21/05
	DES\	78000.doc	Thermoplastic Pavement Marking Equipment	E 7/1/90 R 1/1/07
	DES\	78001.doc	Thermoplastic Pavement Marking Equipment	E 7/1/90 R 1/1/07
	DES\	78002.doc	Thermoplastic Pavement Marking Equipment	E 7/1/90 R 1/1/07

SPECIAL PROVISIONS CHECK LIST
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Designer: _____ **FAP:** _____
Contract No.: _____ **Section:** _____
County: _____

	DES\	78100.doc	Temporary Raised Reflective Pavement Marker	E 10/1/95 R 1/1/07
	DES\	81000.doc	Conduit, Pushed or Trenched	E 10/1/91 R 1/1/07
	DES\	81500.doc	Trench & Backfill, Special for Conduit Installation Beneath Bituminous Shoulders	E 3/21/94 R 1/1/07
	DES\	86300.doc	Terminal Facility	E 3/21/94 R 1/1/07
	DES\	87300.doc	Electric Cable in Conduit, Lead-In, No. 18	E 3/21/94 R 10/15/01
	DES\	88600.doc	Detector Loop, Special for Traffic Counters	E 3/21/94 R 1/1/07
	DES\	88600a.doc	Detector Loops, Type 1	E 3/1/96 R 8/3/07
	DES\	100400.doc	Aggregate Optimization of Class PV Mix for Slipform Paving	E 8/3/12
	DES\	100401.doc	Coarse Aggregate Fill	E 4/29/11
	DES\	100402.doc	Concrete Superstructure Aggregate Optimization	E 8/4/06 R 8/3/12
	DES\	100403b.doc	Coarse Aggregate for Bituminous Courses, Class A	E 6/29/93 R 1/1/07
	DES\	100404.doc	Aggregate Quality	E 7/1/90 R 4/26/13
	DES\	103000.doc	Hot Mix Asphalt Quality Control for Performance (D4)	E 4/26/13
	DES\	103001.doc	Hot-Mix Asphalt - Pay for Performance Using Percent within Limits - Jobsite Sampling (D4)	E 4/26/13
	DES\	103004.doc	Hot-Mix Asphalt - Mixture Design Verification and Production	E 8/3/12 R 4/26/13
	DES\	103100.doc	Reclaimed Asphalt Pavement and Reclaimed Shingles (D4)	E 4/26/13
	DES\	110300.doc	PCC QC/QA Electronic Report Submittal	E 4/26/13
	DES\	110303.doc	PCC Automatic Batching Equipment	E 4/23/10 R 11/8/13

Designer Notes
Recurring Special Provisions

Designer Notes for January 1, 2014 Recurring Special Provisions

(Updated for January 17, 2014 and February 28, 2014 lettings.)

1. Designer Note: This check sheet is required in all contracts that involve Federal funds.

2. Designer Note: This check sheet is required in all Federal contracts.

3. Designer Note: This check sheet is required in all contracts.

4. Designer Note: This check sheet is required in all contracts involving State funds only.

5. Designer Note: This check sheet is required in all contracts involving State funds only.

6. Designer Note: Include in all contracts where Asbestos Bearing Pad Removal is part of the structure work.

7. Designer Note: Include in all contracts where the existing bridge deck HMA surface is to be removed and the waterproofing membrane contains asbestos and will be removed. The designer must have in the project files a completed "Asbestos Determination Certificate" for every bridge within the project limits. The District Bridge Maintenance Engineer and/or the District Hydraulics Engineer can provide copies of these certificates. If your project has any bridge deck containing asbestos, insert this special provision as well as the General Notes entitled "Asbestos Bridge Wearing Surface Removal".

8. Designer Note: This check sheet will be required for those contracts that will involve Contractor work on haul road stream crossings, other temporary stream crossings, and in stream work pads. Contracts that would generally involve this type of work would be bridges/structures, new or rebuilt, and contracts involving earth excavation, embankment or borrow excavation. Discuss these types of work operations and any other stream related work with your Project Engineer. Any in-stream crossing or other work will require an individual 404 permit from the Corps of Engineers. Be sure to let the Hydraulics Engineer (Jim Miller) 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: (See #10 below.) Depending on IDOT manpower, this check sheet will be included as a pay item when the Contractor will be required to do all contract staking, except bridges. A large span culvert measuring more than 6 meters (20 feet) along the survey line will require a structure number be assigned to the structure. This will require that the Designer, if he is calling for Contractor staking, use the check sheet entitled Construction Layout Stakes and not the check sheet entitled Construction Layout Stakes Except for Structures. Discuss with the Bureau of Project Implementation (Construction) as to what manpower sources are available.

10. 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.

11. 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.

12. 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.

13. 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.

14. 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 > 1700, two lane highways with ADT > 10,000 or peak one-way VPH > 800.

15. Designer Note: This check sheet should be used on resurfacing projects to address areas which need repair, but do not warrant full depths repair. Joints and cracks, which exhibit environmental distresses such as spalling and "D" cracking or contain maintenance patching, are eligible for using this method of repair. Joints and cracks which exhibit load related distresses such as pumping, alligator cracking, corner breaks, compression failures, subgrade failures or punch outs should not use this method of repair. Discuss use with your Project Engineer.

16. 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.

17. 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 (2 ½ inches). Include with any projects that have POLYMER CONCRETE as a pay item.

18. Designer Note: This rehabilitation process can be used in a variety of gravity applications such as trenchless rehabilitation of sanitary sewers, storm sewers, and process piping. Insert this special provision if trenchless repair of the items listed above is selected. Prior to selection consult your Project Engineer. Additional information such as size of pipe to be lined, number of laterals, and manhole treatment may be necessary.

19. Designer Note: This check sheet calls for CA 16 for backfill and wrapping the trench. Discuss usage with Implementation.

20. Designer Note: This check sheet was developed by the Central Bureau of Traffic and should be incorporated into all plans containing guardrail, barrier wall or bridge rail. The designer is required to specify the color of all reflectors to be placed and to provide appropriate traffic control standards for the installation of reflectors/markers. It is the District's option to select the type of reflector marker for use on guardrail and barrier walls, and the type of terminal marker for guardrail. This option should be specified by the pay item used. The District prefers use of the top mounted reflector Type C on barrier walls. Include Highway Standards 635006 and 635011 in the plans if this Check Sheet is used.

21. Designer Note: This check sheet was developed to obtain the desired pipe coating on bike racks. Use on all projects with bike racks.

22. Designer Note: This special provision covers the installation of temporary glare screens on temporary concrete barrier. Glare screens may be needed on temporary concrete barriers separating opposing lanes of traffic, especially on horizontal and vertical curves where oncoming headlight glare could be a problem. Discuss usage with your project engineer.

23. 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.

24. Designer Note: Intended for use on all freeway/expressway contracts with lane closures as shown on Highway Standard 701400. It may also be used at the District's discretion on high visibility projects and/or projects that will require several months to complete.

25. 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.

26. 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.

27. Designer Note: This check sheet was developed to address difficulties with obtaining metric sized reinforcement bars. Include in all metric projects containing reinforcement bars.

28. 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.

29. Designer Note: Insert into contracts where a PCC inlay or overlay is selected. This method is for locations where excessive rutting has become a problem. Discuss with the Project Engineer, Operations, and Implementation before using. Also, refer to BDE Manual, Chapter 53 before using.

30. Designer Note: Do not use Check Sheet #30 unless requested by Materials.

31. Designer Note: Use in all contracts involving cast-in-place concrete.

32. Designer Note: This special allows the use of digital terrain modeling for field measurements of earthwork. This is to be used at the district's discretion. Discuss it with your Project Engineer and Construction.

33. Designer Notes: Insert at the district's discretion. Discuss with Construction. This special will not allow grinders to be used. When it is possible that Temporary Pavement Markings will be required over the winter and performed plastic pavement markings will be installed the next season; this may not be feasible since removing the temporary will require grinding.

34. Designer Note: Insert this special into contracts using an A-1 bituminous surface treatment. Use of this special provision shall be according to the Bureau of Design and Environment Manual, Chapter 52.

    The designer must specify the gradation for the bituminous surface treatment on the plans. Districts are encouraged to use the CA 20 gradation as it has proven to perform well for A-1 surface treatments.

    Include Special Provision on Temporary Flexible Raised Pavement Marker with this work.

    Include the following information in the Traffic Control Plan Special Provision:
    - Contractor shall post the roadway with "LOOSE GRAVEL" and SPEED LIMIT 35" signs in accordance with applicable articles of Division 700 of the Standard Specifications.
    - These signs shall be placed at the start of the work, near intersecting roadways and then at an average spacing of 0.5 mi (0.8 km).
    - The signs may be removed as soon as the sweeping operation has been completed.

35. Designer Note: Insert into all contracts using cape seal. Use of this special provision shall be according to the Bureau of Design and Environment Manual, Chapter 52.

Districts are encouraged to use the CA 20 gradation as it has proven to perform well for A-1 surface treatments.

The designer must specify the aggregate gradation for the A-1 bituminous surface treatment. Districts are encouraged to use the CA 20 gradation as it has proven to perform well for A-1 surface treatments.

The designer must specify the proper friction aggregate for the micro-surfacing layer on the plans using the following note:

"The aggregates for the micro-surfacing shall meet the friction aggregate requirements for Mixture __ in Article 1004.03(a)."

Insert either "C" or "D" into the note to indicate which mixture is to be used according to the ADT volume on the project. ADT ≤ 5,000 shall use Mixture C and ADT > 5,000 shall use Mixture D.

Include the following information in the Traffic Control Plan Special Provision:

- Contractor shall post the roadway with "LOOSE GRAVEL" and SPEED LIMIT 35" signs in accordance with applicable articles of Division 700 of the Standard Specifications. These signs shall be placed at the start of the work, near intersecting roadways and then at an average spacing of 0.5 mi (0.8 km). The signs may be removed as soon as the sweeping operation has been completed.

Include Special Provision on Temporary Flexible Raised Pavement Marker with this work.

36. Designer Note: Insert into all contracts using micro-surfacing. Use of this special provision shall be according to the Bureau of Design and Environment Manual, Chapter 52.

The designer must specify the friction aggregate mixture and the following information on the plans using the following note:

"The aggregates for the surface lift of micro-surfacing shall meet the friction aggregate requirements for Mixture __ in Article 1004.03(a)."

Insert either "C" or "D" into the note to indicate which mixture is to be used according to the ADT volume on the project. ADT ≤ 5,000 shall use Mixture C, and ADT > 5,000 shall use Mixture D.

37. Designer Note: Insert into all contracts using slurry seal. Use of this special provision shall be according to the Bureau of Design and Environment Manual, Chapter 52.

The designer must include the following note on the plans.

"Aggregates for the slurry seal shall meet the friction aggregate requirements for Mixture C."

38. Designer Note: Insert into preventative maintenance contracts using cape seals or bituminous surface treatments.

39. Design Note: Insert into contracts using high-density expanding polyurethane foam or restoring the elevation of settled bridge approach pavements.

Index for
Supplemental Specifications
and
Recurring Special Provisions

INDEX
FOR
SUPPLEMENTAL SPECIFICATIONS
AND RECURRING SPECIAL PROVISIONS

Adopted January 1, 2014

This index contains a listing of SUPPLEMENTAL SPECIFICATIONS, frequently used RECURRING SPECIAL PROVISIONS, and LOCAL ROADS AND STREETS RECURRING SPECIAL PROVISIONS.

ERRATA Standard Specifications for Road and Bridge Construction (Adopted 1-1-12) (Revised 1-1-14)

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 Checklist

January 17, 2014 & February 28, 2014 Lettings

Note: Specials that go in every contract have already been marked with an "X" for you.

Designer: _____ **FAP:** _____

Contract No.: _____ **Section:** _____

Lettings: **January 17, 2014 & Febraury 28, 2014** **County:** _____

BDE SPECIAL PROVISIONS
For the January 17 and February 28, 2014 Lettings

The following special provisions indicated by an "x" are applicable to this contract and will be included by the Project Development and Implementation Section of the BD&E. An * indicates a new or revised special provision for the letting.

	File Name	#		Special Provision Title	Effective	Revised
	80240	1		Above Grade Inlet Protection	July 1, 2009	Jan. 1, 2012
*	80099	2		Accessible Pedestrian Signals (APS)	April 1, 2003	Jan. 1, 2014
	80274	3		Aggregate Subgrade Improvement	April 1, 2012	Jan. 1, 2013
	80192	4		Automated Flagger Assistance Device	Jan. 1, 2008	
	80173	5		Bituminous Materials Cost Adjustments	Nov. 2, 2006	Aug. 1, 2013
	80241	6		Bridge Demolition Debris	July 1, 2009	
	5026I	7		Building Removal-Case I (Non-Friable and Friable Asbestos)	Sept. 1, 1990	April 1, 2010
	5048I	8		Building Removal-Case II (Non-Friable Asbestos)	Sept. 1, 1990	April 1, 2010
	5049I	9		Building Removal-Case III (Friable Asbestos)	Sept. 1, 1990	April 1, 2010
	5053I	10		Building Removal-Case IV (No Asbestos)	Sept. 1, 1990	April 1, 2010
	80292	11		Coarse Aggregate in Bridge Approach Slabs/Footings	April 1, 2012	April 1, 2013
	80310	12		Coated Galvanized Steel Conduit	Jan. 1, 2013	
	80198	13		Completion Date (via calendar days)	April 1, 2008	
	80199	14		Completion Date (via calendar days) Plus Working Days	April 1, 2008	
	80293	15		Concrete Box Culverts with Skews > 30 Degrees and Design Fills ≤ 5 Feet	April 1, 2012	
	80294	16		Concrete Box Culverts with Skews ≤ 30 Degrees Regardless of Design Fill and Skews > 30 Degrees with Design Fills > 5 Feet	April 1, 2012	
	80311	17		Concrete End Sections for Pipe Culverts	Jan. 1, 2013	
*	80277	18		Concrete Mix Design – Department Provided	Jan. 1, 2012	Jan. 1, 2014
*	80261	19		Construction Air Quality – Diesel Retrofit	June 1, 2010	Jan. 1, 2014
	80029	20		Disadvantaged Business Enterprise Participation	Sept. 1, 2000	Aug. 2, 2011
	80265	21		Friction Aggregate	Jan. 1, 2011	
	80229	22		Fuel Cost Adjustment	April 1, 2009	July 1, 2009
*	80329	23		Glare Screen	Jan. 1, 2014	
	80303	24		Granular Materials	Nov. 1, 2012	
	80304	25		Grooving for Recessed Pavement Markings	Nov. 1, 2012	Jan. 1, 2013
	80246	26		Hot-Mix Asphalt – Density Testing of Longitudinal Joints	Jan. 1, 2010	April 1, 2012
	80322	27		Hot-Mix Asphalt – Mixture Design Composition and Volumetric Requirements	Nov. 1, 2013	
	80323	28		Hot-Mix Asphalt – Mixture Design Verification and Production	Nov. 1, 2013	
	80315	29		Insertion Lining of Culverts	Jan. 1, 2013	Nov. 1, 2013
	80324	30		LRFD Pipe Culvert Burial Tables	Nov. 1, 2013	
	80325	31		LRFD Storm Sewer Burial Tables	Nov. 1, 2013	
	80045	32		Material Transfer Device	June 15, 1999	Jan. 1, 2009
	80165	33		Moisture Cured Urethane Paint System	Nov. 1, 2006	Jan. 1, 2010
*	80330	34		Pavement Marking for Bike Symbol	Jan. 1, 2014	
	80298	35		Pavement Marking Tape Type IV	April 1, 2012	
	80254	36		Pavement Patching	Jan. 1, 2010	
*	80331	37	X	Payrolls and Payroll Records	Jan. 1, 2014	
*	80332	38		Portland Cement Concrete – Curing of Abutments and Piers	Jan. 1, 2014	
	80326	39		Portland Cement Concrete Equipment	Nov. 1, 2013	
	80300	40		Preformed Plastic Pavement Marking Type D - Inlaid	April 1, 2012	
*	80328	41		Progress Payments	Nov. 2, 2013	

Note: Specials that go in every contract have already been marked with an "X" for you.

Designer: _____ **FAP:** _____

Contract No.: _____ **Section:** _____

Lettings: **January 17, 2014 & Febraury 28, 2014** **County:** _____

File Name	#		Special Provision Title	Effective	Revised
* 80281	42		Quality Control/Quality Assurance of Concrete Mixtures	Jan. 1, 2012	Nov. 1, 2013
3426I	43		Railroad Protective Liability Insurance	Dec. 1, 1986	Jan. 1, 2006
80157	44		Railroad Protective Liability Insurance (5 and 10)	Jan. 1, 2006	
80306	45		Reclaimed Asphalt Pavement (RAP) and Reclaimed Asphalt Shingles (RAS)	Nov. 1, 2012	Nov. 1, 2013
80327	46		Reinforcement Bars	Nov. 1, 2013	
80283	47		Removal and Disposal of Regulated Substances	Jan. 1, 2012	Nov. 2, 2012
80319	48		Removal and Disposal of Surplus Materials	Nov. 2, 2012	
80307	49		Seeding	Nov. 1, 2012	
80127	50		Steel Cost Adjustment	April 2, 2004	April 1, 2009
80317	51		Surface Testing of Hot-Mix Asphalt Overlays	Jan. 1, 2013	
80301	52	X	Tracking the Use of Pesticides	Aug. 1, 2012	
* 80333	53		Traffic Control Setup and Removal Freeway/Expressway	Jan. 1, 2014	
20338	54		Training Special Provisions	Oct. 15, 1975	
80318	55		Traversable Pipe Grate	Jan. 1, 2013	April 1, 2013
80288	56		Warm Mix Asphalt	Jan. 1, 2012	Nov. 1, 2013
80302	57		Weekly DBE Trucking Reports	June 2, 2012	
80289	58	X	Wet Reflective Thermoplastic Pavement Marking	Jan. 1, 2012	
80071	59		Working Days	Jan. 1, 2002	

The following special provisions are in the 2014 Supplemental Specifications and Recurring Special Provisions:

File Name	Special Provision Title	New Location	Effective	Revised
80309	Anchor Bolts	Articles 1006.09, 1070.01, and 1070.03	Jan. 1, 2013	
80276	Bridge Relief Joint Sealer	Article 503.19 and Sections 588 and 589	Jan. 1, 2012	Aug. 1, 2012
80312	Drain Pipe, Tile, Drainage Mat, and Wall Drain	Article 101.01, 1040.03, and 1040.04	Jan. 1, 2013	
80313	Fabric Bearing Pads	Article 1082.01	Jan. 1, 2013	
80169	High Tension Cable Median Barrier	Section 644 and Article 1106.02	Jan. 1, 2007	Jan. 1, 2013
80320	Liquidated Damages	Article 108.09	April 1, 2013	
80297	Modified Urethane Pavement Marking	Section 780, Articles 1095.09 and 1105.04	April 1, 2012	
80253	Movable Traffic Barrier	Section 707 and Article 1106.02	Jan. 1, 2010	Jan. 1, 2013
80231	Pavement Marking Removal	Recurring CS #33	April 1, 2009	
80321	Pavement Removal	Article 440.07	April 1, 2013	
80022	Payments to Subcontractors	Article 109.11	June 1, 2000	Jan. 1, 2006
80316	Placing and Consolidating Concrete	Articles 503.06, 503.07, and 516.12	Jan. 1, 2013	
80278	Planting Woody Plants	Section 253 and Article 1081.01	Jan. 1, 2012	Aug. 1, 2012
80305	Polyurea Pavement Markings	Article 780.14	Nov. 1, 2012	Jan. 1, 2013
80279	Portland Cement Concrete	Sections 312, 503, 1003, 1004, 1019, and 1020	Jan. 1, 2012	Nov. 1, 2013
80218	Preventive Maintenance – Bituminous Surface Treatment	Recurring CS #34	Jan. 1, 2009	April 1, 2012
80219	Preventive Maintenance – Cape Seal	Recurring CS #35	Jan. 1, 2009	April 1, 2012
80220	Preventive Maintenance – Micro-Surfacing	Recurring CS #36	Jan. 1, 2009	April 1, 2012

Note: Specials that go in every contract have already been marked with an "X" for you.

Designer: _____ **FAP:** _____

Contract No.: _____ **Section:** _____

Lettings: **January 17, 2014 & Febraury 28, 2014** **County:** _____

File Name	Special Provision Title	New Location	Effective	Revised
80221	Preventive Maintenance – Slurry Seal	Recurring CS #37	Jan. 1, 2009	April 1, 2012
80224	Restoring Bridge Approach Pavements Using High-Density Foam	Recurring CS #39	Jan. 1, 2009	Jan. 1, 2012
80255	Stone Matrix Asphalt	Sections 406, 1003, 1004, 1030, and 1011	Jan. 1, 2010	Aug. 1, 2013
80143	Subcontractor Mobilization Payments	Article 109.12	April 2, 2005	April 1, 2011
80308	Synthetic Fibers in Concrete Gutter, Curb, Median and Paved Ditch	Articles 606.02 and 606.11	Nov. 1, 2012	
80286	Temporary Erosion and Sediment Control	Articles 280.04 and 280.08	Jan. 1, 2012	
80225	Temporary Raised Pavement Marker	Recurring CS #38	Jan. 1, 2009	
80256	Temporary Water Filled Barrier	Section 708 and Article 1106.02	Jan. 1, 2010	Jan. 1, 2013
80273	Traffic Control Deficiency Deduction	Article 105.03	Aug. 1, 2011	
80270	Utility Coordination and Conflicts	Articles 105.07, 107.19, 107.31, 107.37, 107.38, 107.39 and 107.40	April 1, 2011	Jan. 1, 2012

The following special provisions require additional information from the designer. The additional information needs to be included in a separate document attached to this check sheet. The Project Development and Implementation section will then include the information in the applicable special provision. The Special Provisions are:

- Bridge Demolition Debris
- Building Removal-Case I
- Building Removal-Case II
- Building Removal-Case III
- Building Removal-Case IV
- Completion Date
- Completion Date Plus Working Days
- DBE Participation
- Material Transfer Device
- Railroad Protective Liability Insurance
- Training Special Provisions
- Working Days

BDE Special Provisions

Numeric Index

REVISED INDEX

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.

Standard Spec. No.	PC No.	Item
100.00	10000	Errata for the 2012 Standard Specifications
107.01	10701	Construction Air Quality – Diesel Retrofit
107.11a	10711a	Railroad Protective Liability Insurance
107.11b	10711b	Railroad Protective Liability Insurance (5 and 10)
107.19a	10719a	Building Removal Case I
107.19b	10719b	Building Removal Case II
107.19c	10719c	Building Removal Case III
107.19d	10719d	Building Removal Case IV
107.38	10738	Bridge Demolition Debris
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
109.00a	10900a	Steel Cost Adjustment
109.01	10901	Bituminous Materials Cost Adjustments
109.03	10903	Fuel Cost Adjustment
202.03	20203	Removal and Disposal of Surplus Materials
250.07	25007	Seeding

NUMERIC DESIGN INTERIM SPECIAL PROVISIONS (ISP' s)

Standard Spec. No.	PC No.	Item
280.02	28002	Above Grade Inlet Protection
303.00	30300	Aggregate Subgrade Improvement
406.00	40600	Warm Mix Asphalt
406.01	40601	Hot-Mix Asphalt – Mixture Design Verification and Production
406.00f	40600f	Material Transfer Device
406.03	40603	Surface Testing of Hot-Mix Asphalt Overlays
406.07	40607	Hot-Mix Asphalt – Density Testing of Longitudinal Joints
406.14	40614	Hot-Mix Asphalt – Mixture Design Composition and Volumetric Requirements
504.00	50400	Concrete Box Culverts with Skews > 30 Degrees and Design Fills ≤ 5 Feet
504.04	50404	Concrete Box Culverts with Skews ≤ 30 Degrees Regardless of Design Fill and Skews >30 Degrees with Design Fills > 5 Feet
508.05	50805	Reinforcement Bars
542.00	54200	Concrete End Sections for Pipe Culverts
542.01	54201	Traversable Pipe Grate
542.02	54202	LRFD Pipe Culvert Burial Tables
543.00	54300	Insertion Lining of Culverts
550.00	55000	LRFD Storm Sewer Burial Tables
669.01	69901	Removal and Disposal of Regulated Substances
701.00	70100	Automated Flagger Assistance Devices
701.17	70117	Pavement Patching
703.02	70302	Pavement Marking Tape Type IV
780.00	780.00	Wet Reflective Thermoplastic Pavement Marking
780.02	78002	Preformed Plastic Pavement Marking Type D - Inlaid

NUMERIC DESIGN INTERIM SPECIAL PROVISIONS (ISP's)

Standard Spec. No.	PC No.	Item
780.03	780.03	Grooving for Recessed Pavement Markings
888.00	88800	Accessible Pedestrian Signals (APS)
1003.04	100304	Granular Materials
1004.01	100401	Friction Aggregate
1004.02	100402	Coarse Aggregate in Bridge Approach Slabs/Footings
1008.27	100827	Moisture Cured Urethane Paint System
1020.05a	102005a	Concrete Mix Design – Department Provided
1020.16	102016	Quality Control/Quality Assurance of Concrete Mixtures
1031.00	103100	Reclaimed Asphalt Pavement and Reclaimed Asphalt Shingles
1088.01	108801	Coated Galvanized Steel Conduit
1103.03	110303	Portland Cement Concrete Equipment

BDE Special Provisions

Alphabetic Index

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
280.02	28002	Above Grade Inlet Protection
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
107.38	10738	Bridge Demolition Debris
503.19	50319	Bridge Relief Joint Sealer
107.19a	10719a	Building Removal Case I
107.19b	10719b	Building Removal Case II
107.19c	10719c	Building Removal Case III
107.19d	10719d	Building Removal Case IV
1004.02	100402	Coarse Aggregate in Bridge Approach Slabs/Footings
1088.01	108801	Coated Galvanized Steel Conduit
108.05a	10805a	Completion Date (Via Calendar Days)
108.05b	10805b	Completion Date (Via Calendar Days) Plus working Days
504.00	50400	Concrete Box Culverts with Skews > 30 Degrees and Design Fills ≤ 5 Feet
504.04	50404	Concrete Box Culverts with Skews ≤ 30 Degrees Regardless of Design Fill and Skews >30 Degrees with Design Fills > 5 Feet
542.00	54200	Concrete End Sections for Pipe Culverts
1020.05a	102005a	Concrete Mix Design – Department Provided
107.01	10701	Construction Air Quality – Diesel Retrofit

REVISED INDEX

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

Standard Spec. No.	PC No.	Item
108.06a	10806a	Disadvantaged Business Enterprise Participation
100.00	10000	Errata for the 2012 Standard Specifications
1004.01	100401	Friction Aggregate
109.03	10903	Fuel Cost Adjustment
1003.04	100304	Granular Materials
780.03	780.03	Grooving for Recessed Pavement Markings
406.07	40607	Hot-Mix Asphalt-Density Testing of Longitudinal Joints
406.14	40614	Hot-Mix Asphalt – Mixture Design Composition and Volumetric Requirements
406.01	40601	Hot-Mix Asphalt – Mix Design Verification and Production
543.00	54300	Insertion Lining of Culverts
542.02	54202	LRFD Pipe Culvert Burial Tables
550.00	55000	LRFD Storm Sewer Burial Tables
406.00f	40600f	Material Transfer Device
1008.27	100827	Moisture Cured Urethane Paint System
703.02	70302	Pavement Marking Tape Type IV
701.17	70117	Pavement Patching
1103.03	110303	Portland Cement Concrete Equipment
780.00	78000	Preformed Plastic Pavement Marking Type D - Inlaid
1020.16	102016	Quality Control/Quality Assurance of Concrete Mixtures
107.11	10711a	Railroad Protective Liability Insurance
107.11	10711b	Railroad Protective Liability Insurance (5 and 10)

REVISED INDEX

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

Standard Spec. No.	PC No.	Item
1031.00	103100	Reclaimed Asphalt Pavement and Reclaimed Asphalt Singles
508.05	50805	Reinforcement Bars
669.01	66901	Removal and Disposal of Regulated Substances
202.03	20203	Removal and Disposal of Surplus Materials
250.07	25007	Seeding
109.00	10900a	Steel Cost Adjustment
406.03	40603	Surface Testing of Hot-Mix Asphalt Overlays
280.04	28004	Temporary Erosion and Sediment Control
108.06	10806	Training Special Provision
542.01	54201	Traversable Pipe Grate
406.00	40600	Warm Mix Asphalt
108.06b	10806b	Weekly DBE Trucking Reports (BDE)
780.00	78000	Wet Reflective Thermoplastic Pavement Marking
108.05	10805	Working Days

BDE Special Provisions

Designer Note: This special does not apply to any counties in District Four.

CONSTRUCTION AIR QUALITY – DIESEL RETROFIT (BDE)

Effective: June 1, 2010
Revised: January 1, 2014

The reduction of emissions of particulate matter (PM) for off-road equipment shall be accomplished by installing retrofit emission control devices. The term "equipment" refers to diesel fuel powered devices rated at 50 hp and above, to be used on the jobsite in excess of seven calendar days over the course of the construction period on the jobsite (including rental equipment).

Contractor and subcontractor diesel powered off-road equipment assigned to the contract shall be retrofitted using the phased in approach shown below. Equipment that is of a model year older than the year given for that equipment's respective horsepower range shall be retrofitted:

Effective Dates	Horsepower Range	Model Year
June 1, 2010 1/	600-749	2002
	750 and up	2006
June 1, 2011 2/	100-299	2003
	300-599	2001
	600-749	2002
	750 and up	2006
June 1, 2012 2/	50-99	2004
	100-299	2003
	300-599	2001
	600-749	2002
	750 and up	2006

1/ Effective dates apply to Contractor diesel powered off-road equipment assigned to the contract.

2/ Effective dates apply to Contractor and subcontractor diesel powered off-road equipment assigned to the contract.

The retrofit emission control devices shall achieve a minimum PM emission reduction of 50 percent and shall be:

a) Included on the U.S. Environmental Protection Agency (USEPA) *Verified Retrofit Technology List* (http://www.epa.gov/cleandiesel/verification/verif-list.htm), or verified by the California Air Resources Board (CARB) (http://www.arb.ca.gov/diesel/verdev/vt/cvt.htm); or

b) Retrofitted with a non-verified diesel retrofit emission control device if verified retrofit emission control devices are not available for equipment proposed to be used on the

project, and if the Contractor has obtained a performance certification from the retrofit device manufacturer that the emission control device provides a minimum PM emission reduction of 50 percent.

Note: Large cranes (Crawler mounted cranes) which are responsible for critical lift operations are exempt from installing retrofit emission control devices if such devices adversely affect equipment operation.

Diesel powered off-road equipment with engine ratings of 50 hp and above, which are unable to be retrofitted with verified emission control devices or if performance certifications are not available which will achieve a minimum 50 percent PM reduction, may be granted a waiver by the Department if documentation is provided showing good faith efforts were made by the Contractor to retrofit the equipment.

Construction shall not proceed until the Contractor submits a certified list of the diesel powered off-road equipment that will be used, and as necessary, retrofitted with emission control devices. The list(s) shall include (1) the equipment number, type, make, Contractor/rental company name; and (2) the emission control devices make, model, USEPA or CARB verification number, or performance certification from the retrofit device manufacturer. Equipment reported as fitted with emissions control devices shall be made available to the Engineer for visual inspection of the device installation, prior to being used on the jobsite.

The Contractor shall submit an updated list of retrofitted off-road construction equipment as retrofitted equipment changes or comes on to the jobsite. The addition or deletion of any diesel powered equipment shall be included on the updated list.

If any diesel powered off-road equipment is found to be in non-compliance with any portion of this special provision, the Engineer will issue the Contractor a diesel retrofit deficiency deduction.

Any costs associated with retrofitting any diesel powered off-road equipment with emission control devices shall be considered as included in the contract unit prices bid for the various items of work involved and no additional compensation will be allowed. The Contractor's compliance with this notice and any associated regulations shall not be grounds for a claim.

Diesel Retrofit Deficiency Deduction

When the Engineer determines that a diesel retrofit deficiency exists, a daily monetary deduction will be imposed for each calendar day or fraction thereof the deficiency continues to exist. The calendar day(s) will begin when the time period for correction is exceeded and end with the Engineer's written acceptance of the correction. The daily monetary deduction will be $1,000.00 for each deficiency identified.

The deficiency will be based on lack of diesel retrofit emissions control.

If a Contractor accumulates three diesel retrofit deficiency deductions for the same piece of equipment in a contract period, the Contractor will be shutdown until the deficiency is corrected. Such a shutdown will not be grounds for any extension of the contract time, waiver of penalties, or be grounds for any claim.

Designer Note: Insert into all contracts.

PAYROLLS AND PAYROLL RECORDS (BDE)

Effective: January 1, 2014

FEDERAL AID CONTRACTS. Revise the following section of Check Sheet #1 of the Recurring Special Provisions to read:

"STATEMENTS AND PAYROLLS

The payroll records shall include the worker's name, the worker's address, the worker's telephone number when available, the worker's social security number, the worker's classification or classifications, the worker's gross and net wages paid in each pay period, the worker's number of hours worked each day, the worker's starting and ending times of work each day. However, any Contractor or subcontractor who remits contributions to a fringe benefit fund that is not jointly maintained and jointly governed by one or more employers and one or more labor organization must additionally submit the worker's hourly wage rate, the worker's hourly overtime wage rate, the worker's hourly fringe benefit rates, the name and address of each fringe benefit fund, the plan sponsor of each fringe benefit, if applicable, and the plan administrator of each fringe benefit, if applicable.

The Contractor and each subcontractor shall submit payroll records to the Engineer each week from the start to the completion of their respective work, except that full social security numbers and home addresses shall not be included on weekly transmittals. Instead, the payrolls shall include an identification number for each employee (e.g., the last four digits of the employee's social security number). In addition, starting and ending times of work each day may be omitted from the payroll records submitted to the Engineer. The submittals shall be on the Department's form SBE 48, or an approved facsimile. When there has been no activity during a work week, a payroll record shall still be submitted with the appropriate box ("No Work", "Suspended", or "Complete") checked on the form."

STATE CONTRACTS. Revise Section IV of Check Sheet #5 of the Recurring Special Provisions to read:

"IV. COMPLIANCE WITH THE PREVAILING WAGE ACT

1. Prevailing Wages. All wages paid by the Contractor and each subcontractor shall be in compliance with The Prevailing Wage Act (820 ILCS 130), as amended, except where a prevailing wage violates a federal law, order, or ruling, the rate conforming to the federal law, order, or ruling shall govern. The Contractor shall be responsible to notify each subcontractor of the wage rates set forth in this contract and any revisions thereto. If the Department of Labor revises the wage rates, the Contractor will not be allowed additional compensation on account of said revisions.

2. Payroll Records. The Contractor and each subcontractor shall make and keep, for a period of five years from the later of the date of final payment under the contract or completion of the contract, records of the wages paid to his/her workers. The payroll records shall include

the worker's name, the worker's address, the worker's telephone number when available, the worker's social security number, the worker's classification or classifications, the worker's gross and net wages paid in each pay period, the worker's number of hours worked each day, the worker's starting and ending times of work each day. However, any contractor or subcontractor who remits contributions to a fringe benefit fund that is not jointly maintained and jointly governed by one or more employers and one or more labor organization must additionally submit the worker's hourly wage rate, the worker's hourly overtime wage rate, the worker's hourly fringe benefit rates, the name and address of each fringe benefit fund, the plan sponsor of each fringe benefit, if applicable, and the plan administrator of each fringe benefit, if applicable. Upon seven business days' notice, these records shall be available at a location within the State, during reasonable hours, for inspection by the Department or the Department of Labor; and Federal, State, or local law enforcement agencies and prosecutors.

3. Submission of Payroll Records. The Contractor and each subcontractor shall submit payroll records to the Engineer each week from the start to the completion of their respective work, except that full social security numbers and home addresses shall not be included on weekly transmittals. Instead the payrolls shall include an identification number for each employee (e.g., the last four digits of the employee's social security number). In addition, starting and ending times of work each day may be omitted from the payroll records submitted to the Engineer. The submittals shall be on the Department's form SBE 48, or an approved facsimile. When there has been no activity during a work week, a payroll record shall still be submitted with the appropriate box ("No Work", "Suspended", or "Complete") checked on the form.

Each submittal shall be accompanied by a statement signed by the Contractor or subcontractor, or an officer, employee, or officer thereof, which avers that: (i) he or she has examined the records and such records are true and accurate; (ii) the hourly rate paid to each worker is not less than the general prevailing rate of hourly wages required by the Act; and (iii) the Contractor or subcontractor is aware that filing a payroll record that he/she knows to be false is a Class A misdemeanor.

4. Employee Interviews. The Contractor and each subcontractor shall permit his/her employees to be interviewed on the job, during working hours, by compliance investigators of the Department or the Department of Labor."

Designer Note: Insert into all contracts except those for repair of motorist caused highway damage.

PROGRESS PAYMENTS (BDE)

Effective: November 2, 2013

Revise Article 109.07(a) of the Standard Specifications to read:

"(a) Progress Payments. At least once each month, the Engineer will make a written estimate of the quantity of work performed in accordance with the contract, and the value thereof at the contract unit prices. The amount of the estimate approved as due for payment will be vouchered by the Department and presented to the State Comptroller for payment. No amount less than $1000.00 will be approved for payment other than the final payment.

Progress payments may be reduced by liens filed pursuant to Section 23(c) of the Mechanics' Lien Act, 770 ILCS 60/23(c).

If a Contractor or subcontractor has defaulted on a loan issued under the Department's Disadvantaged Business Revolving Loan Program (20 ILCS 2705/2705-610), progress payments may be reduced pursuant to the terms of that loan agreement. In such cases, the amount of the estimate related to the work performed by the Contractor or subcontractor, in default of the loan agreement, will be offset, in whole or in part, and vouchered by the Department to the Working Capital Revolving Fund or designated escrow account. Payment for the work shall be considered as issued and received by the Contractor or subcontractor on the date of the offset voucher. Further, the amount of the offset voucher shall be a credit against the Department's obligation to pay the Contractor, the Contractor's obligation to pay the subcontractor, and the Contractor's or subcontractor's total loan indebtedness to the Department. The offset shall continue until such time as the entire loan indebtedness is satisfied. The Department will notify the Contractor and Fund Control Agent in a timely manner of such offset. The Contractor or subcontractor shall not be entitled to additional payment in consideration of the offset.

The failure to perform any requirement, obligation, or term of the contract by the Contractor shall be reason for withholding any progress payments until the Department determines that compliance has been achieved."

Designer Note: Insert into contracts using glare screens.

GLARE SCREENS (BDE)

Effective: January 1, 2014

Replace Section 638 of the Standard Specifications with the following:

"SECTION 638. GLARE SCREEN

638.01 Description. This work shall consist of furnishing and constructing permanent glare screens, consisting of concrete glare screens or a modular glare screen system, mounted on concrete medians; or furnishing, installing, maintaining, and removing a temporary modular glare screen system on top of temporary concrete barriers.

638.02 Materials. Materials shall be according to the following.

	Item	Article/Section
(a)	Portland Cement Concrete (Note 1)	1020.00
(b)	Reinforcement Bars	1006.10
(c)	Modular Glare Screen System	1085.00
(d)	Nonshrink Grout	1024.02
(e)	Chemical Adhesive	1027.00

Note 1. Concrete shall be Class SI concrete.

CONSTRUCTION REQUIREMENTS

638.03 Modular Glare Screen System. The modular glare screen system shall be installed according to the details shown on the plans and according to the manufacturer's specifications. The same size and type of modules shall be used throughout the project. The modules shall be installed along the top of the concrete barrier, and centered across the width. The maximum length and width of the base rails or modules shall not exceed the dimensions of the top of the individual concrete barrier sections. Base rails or modules shall be placed true to line and shall be firmly attached to the concrete barrier with the type, size, and number of anchor studs, bolts, or self-tapping screws as specified by the manufacturer. Anchor studs, bolts, or self-tapping screws shall be at least 3 in. (75 mm) from contraction, expansion, or construction joints in the barrier. The base rails or modules shall not extend over the joints between the concrete barrier sections. The base rails or modules shall be installed so the combination of glare screen blade width and spacing provide for a minimum 22 degree sight cut-off angle or as shown on the plans.

The Contractor shall load test four percent of all anchor studs, bolts, or self-tapping screws in the presence of the Engineer. The equipment and method used shall meet the approval of the Engineer. The minimum test load shall be 4000 lb (18 kN) in direct pull. For each anchor that fails the test requirement, two more anchor studs, bolts, or self-tapping screws picked by the Engineer, shall be tested. Each anchor stud, bolt, or self-tapping screw that fails to meet the

test requirement shall be reset, or removed and the hole drilled deeper and reset, and retested until it meets the test requirements.

When the modules are used for temporary application, the Contractor shall be responsible for maintaining the modules or parts, and shall replace damaged blades or modules with the same size and type as those used throughout the project.

All construction operations whether for permanent or temporary application shall be performed on one side of the concrete barrier. Any damage done to the concrete barrier by the Contractor's operation shall be repaired.

638.04 Concrete Glare Screen. Concrete glare screen shall be constructed according to the applicable portions of Section 637.

When concrete glare screen is constructed on an existing concrete barrier, the vertical reinforcement bars shall be anchored in place in drilled holes in the barrier with nonshrink grout or chemical adhesive. Joints in the concrete glare screen shall be a continuation of joints in the existing concrete barrier and shall be of the same configurations. In addition, if there is a crack in the barrier that is working as a joint, a joint shall be placed over it in the glare screen and the reinforcement shall be cut.

When concrete glare screen is constructed on new concrete barrier, it may be constructed integrally with the barrier. Joints in the glare screen shall be according to Article 637.08.

638.05 Method of Measurement. Glare screen modules will be measured for payment in feet (meters) in place, along the centerline of the modules.

Concrete glare screen will be measured for payment in feet (meters) in place, along the centerline of the concrete glare screen.

638.06 Basis of Payment. Glare screen modules will be paid for at the contract unit price per foot (meter) for MODULAR GLARE SCREEN SYSTEM, PERMANENT; and/or MODULAR GLARE SCREEN SYSTEM, TEMPORARY.

The work of constructing concrete glare screen will be paid for at the contract unit price per foot (meter) for CONCRETE GLARE SCREEN."

Replace Section 1085 of the Standard Specifications with the following:

"**SECTION 1085. MODULAR GLARE SCREEN SYSTEM**

1085.01 Description. The modular glare screen system shall be according to the following.

(a) Glare Screen Blades. The glare screen blades shall be constructed of durable, impact resistant, polymeric material meeting the following requirements.

(1) Wall thickness of the blades shall be 0.10 in. (2.5 mm) minimum, except at corners where it shall be 0.06 in. (1.5 mm) minimum.

(2) Specific gravity of the blade walls shall be 0.89 minimum as determined by ASTM D 792.

(3) The blades shall be green in color.

(4) The blades shall withstand a sharp bend test (90 degree bend without mandrel) at 0 °F (-18 °C) without cracking.

(b) Base Plates and Rails. Base plates and rails shall be according to the following.

(1) Polymeric Base Plate and Rails. Polymeric base plate and rails shall meet the same specific gravity and tensile requirements as the glare screen blades.

(2) Metal Base Plates and Rails. Metal base plates and rails shall be according to ASTM A 36 (A 36M) and shall be galvanized according to AASHTO M 111 after fabrication.

(c) Anchor Studs, Bolts, or Self-Tapping Screws. Anchor studs, bolts, or self tapping screws, with nuts, flat washers, or lock washers, shall be as specified by the manufacturer and shall be galvanized or stainless steel according to Article 1006.29."

Designer Note: Insert into contracts using Highway Standard 701428.

TRAFFIC CONTROL SETUP AND REMOVAL FREEWAY/EXPRESSWAY (BDE)

Effective: January 1, 2014

Add the following to the Article 701.18 of the Standard Specifications:

" (l) Standard 701428. When the shoulder width will not allow placement of the shoulder truck and provide 9 ft (3.0 m) of unobstructed lane width in the lane being closed, the shoulder truck shall not be used."

Revise Article 701.19(a) of the Standard Specifications to read:

" (a) Not Measured. Traffic control and protection required under Standards 701001, 701006, 701011, 701101, 701106, 701301, 701311, 701400, 701426, 701427, and 701428 will not be measured for payment."

Designer Note: Insert into contracts using Highway Standard 780001.

PAVEMENT MARKING FOR BIKE SYMBOL (BDE)

Effective: January 1, 2014

Add the following to the SYMBOLS table in Article 780.14 of the Standard Specifications:

"Symbol	Large Size Sq. Ft. (sq m)	Small Size Sq. ft. (sq m)
Bike Symbol	6.0 (0.56)	--"

Designer Note: Insert into contracts utilizing Accessible Pedestrian Signals (APS) in areas of heavy pedestrian traffic. Contact Bureau of Operations, Design & Plans Engineer prior to using.

Pedestrian pushbutton posts and pedestrian signal heads are not part of this work. If they are needed, use the appropriate pay items as per Sections 876 and 881 of the Standard Specifications.

ACCESSIBLE PEDESTRIAN SIGNALS (APS) (BDE)

Effective: April 1, 2003
Revised: January 1, 2014

Description. This work shall consist of furnishing and installing accessible pedestrian signals (APS). Each APS shall consist of an interactive vibrotactile pedestrian pushbutton with speaker, an informational sign, a light emitting diode (LED) indicator light, a solid state electronic control board, a power supply, wiring, and mounting hardware. The APS shall meet the requirements of the MUTCD and Sections 801 and 888 of the Standard Specifications, except as modified herein.

Electrical Requirements. The APS shall operate with systems providing 95 to 130 VAC, 60 Hz and throughout an ambient air temperature range of -29 to +160 °F (-34 to +70 °C).

The APS shall contain a power protection circuit consisting of both fuse and transient protection.

Audible Indications. A pushbutton locator tone shall sound at each pushbutton.

If two accessible pedestrian pushbuttons are placed less than 10 ft (3 m) apart or placed on the same pole, the audible walk indication shall be a speech walk message.

A clear, verbal message shall be used to communicate the pedestrian walk interval. This message shall sound throughout the WALK interval only. The verbal message shall be modeled after: "'Street Name.' Walk Sign is on to cross 'Street Name'." No other messages shall be used to denote the WALK interval.

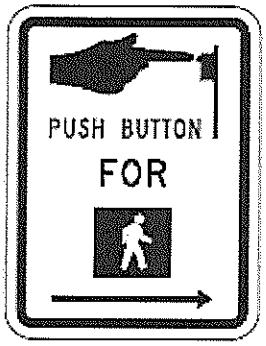
Where two accessible pedestrian pushbuttons are separated by at least 10 ft (3 m), the walk indication shall be an audible percussive tone. It shall repeat at 8 to 10 ticks per second with a dominant frequency of 880 Hz.

Automatic volume adjustments in response to ambient traffic sound level shall be provided up to a maximum volume of 100 dBA. Locator tone and verbal messages shall be no more than 5 dB louder than ambient sound.

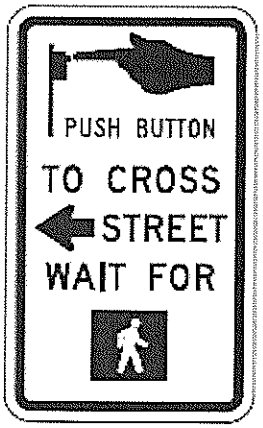
Pedestrian Pushbutton. Pedestrian pushbuttons shall be at least 2 in. (50 mm) in diameter or width. The force required to activate the pushbutton shall be no greater than 3.5 lb (15.5 N).

A red LED shall be located on or near the pushbutton which, when activated, acknowledges the pedestrians request to cross the street.

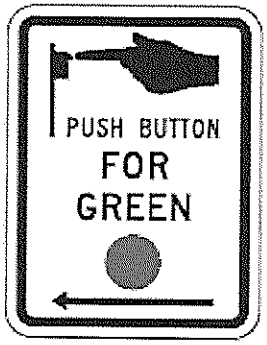
Signage. A sign shall be located immediately above the pedestrian pushbutton and parallel to the crosswalk controlled by the pushbutton. The sign shall be one of the following standard MUTCD designs:



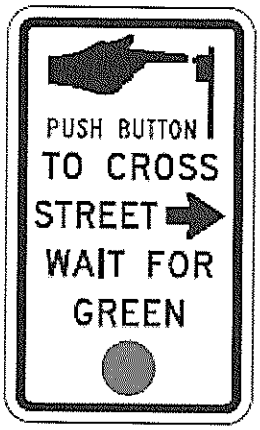
R10-3



R10-3a



R10-4



R10-4a

Tactile Arrow. A tactile arrow, pointing in the direction of travel controlled by a pushbutton, shall be provided either on the pushbutton or its sign.

Vibrotactile Feature. The pushbutton shall pulse when depressed and shall vibrate continuously throughout the WALK interval.

Method of Measurement. This work will be measured for payment as each, per pushbutton.

Basis of Payment. This work will be paid for at the contract unit price per each for ACCESSIBLE PEDESTRIAN SIGNALS.

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.

CONCRETE MIX DESIGN – DEPARTMENT PROVIDED (BDE)

Effective: January 1, 2012
Revised: January 1, 2014

For the concrete mix design requirements in Article 1020.05(a) of the Supplemental Specifications and Recurring Special Provisions, the Contractor has the option to request the Engineer determine mix design material proportions for Class PV, PP, RR, BS, DS, SC, and SI concrete. A single mix design for each class of concrete will be provided. Acceptance by the Contractor to use the mix design developed by the Engineer shall not relieve the Contractor from meeting specification requirements.

Designer Note: Insert into contracts involving cast-in-place, precast, or precast prestressed concrete abutments and/or piers.

PORTLAND CEMENT CONCRETE – CURING OF ABUTMENTS AND PIERS (BDE)

Effective: January 1, 2014

Revise Note 7/ of the Index Table of Curing and Protection of Concrete Construction of Article 1020.13 of the Standard Specifications to read:

"7/ Asphalt emulsion for waterproofing may be used in lieu of other curing methods when specified and permitted according to Article 503.18. The top surfaces of abutments and piers shall be cured according to Article 1020.13(a)(3) or (5)."

Designer Note: Insert into all contracts with cast-in-place concrete. Also, Check Sheet #31 of the Recurring Special Provisions should be checked.

QUALITY CONTROL/QUALITY ASSURANCE OF CONCRETE MIXTURES (BDE)

Effective: January 1, 2012
Revised: January 1, 2014

Revise Note 7/ of Schedule B of Recurring Special Provision Check Sheet #31 of the Standard Specifications to read:

7/ The test of record for strength shall be the day indicated in Article 1020.04. For cement aggregate mixture II, a strength requirement is not specified and testing is not required. Additional strength testing to determine early falsework and form removal, early pavement or bridge opening to traffic, or to monitor strengths is at the discretion of the Contractor. Strength shall be defined as the average of two 6 x 12 in. (150 x 300 mm) cylinder breaks, three 4 x 8 in. (100 x 200 mm) cylinder breaks, or two beam breaks for field tests. Per Illinois Modified AASHTO T 23, cylinders shall be 6 x 12 in. (150 x 300 mm) when the nominal maximum size of the coarse aggregate exceeds 1 in. (25 mm).

District Special Provisions

Alphabetic Index

October 7, 2013

ALPHABETIC INDEX OF DISTRICT SPECIAL PROVISIONS

ALPHABETIC INDEX OF DISTRICT SPECIAL PROVISIONS

Item/Description	Standard Specification	Filename
DATE OF COMPLETION (PLUS WORKING DAYS)	108.05b	10805b
DELAYED START OF MULTIPLE CONTRACTS	108.03	10803
DETECTOR LOOP, SPECIAL FOR TRAFFIC COUNTERS	886.00	88600
DETECTOR LOOPS, TYPE 1	886.00a	88600a
DRAINAGE HOLES	606.12	60612
ELECTRIC CABLE CONDUIT, LEAD-IN, NO. 18	873.00	87300
EMBANKMENT	205.05	20505
EMBANKMENT (RESTRICTIONS)	205.04	205.04
EMBANKMENT (SMALL EMBANKMENTS)	205.05a	20505a
EQUIPMENT VAULT FOR NUCLEAR TESTING EQUIPMENT	670.05	67005
EROSION CONTROL CURB	630.00	63000
FILLING EXISTING CULVERTS	605.04a	60504a
FILLING EXISTING DRAINAGE STRUCTURES	605.04b	60504b
FILLING EXISTING INLETS	605.04d	60504d
FLEXIBLE DELINEATOR MAINTENANCE	635.00	63500
FLEXIBLE DELINEATORS	635.01	63501
FLOOR DRAIN EXTENSION	503.12a	50312a
GEOTECHNICAL REINFORCEMENT	205.00	20500
GROOVED-IN RUMBLE STRIP	407.13	40713
GROOVING FOR RECESSED PAVEMENT MARKING	780.02	78002
GROUT FOR USE WITH RIPRAP	281.00	28100
GUARD POST REMOVAL	632.00	63200
GUARDRAIL AGGREGATE EROSION CONTROL	630.01	63001
HOT-MIX ASPHALT CONCRETE MILLING MATERIAL	440.03f	44003f

ALPHABETIC INDEX OF DISTRICT SPECIAL PROVISIONS

ALPHABETIC INDEX OF DISTRICT SPECIAL PROVISIONS

ALPHABETIC INDEX OF DISTRICT SPECIAL PROVISIONS

Item/Description	Standard Specification	Filename
PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID	780.07	78007
PRESTAGE SITE CONSTRUCTION MEETINGS	105.06	10506
PROOF ROLLING	301.01	30101
PROTECTION OF FRAMES AND LIDS OF UTILITY STRUCTURES	440.03	44003
PROTECTIVE COAT, SPECIAL	503.19	50319
RAILROAD APPROACH PAVEMENT	420.20	42020
RAILROAD TIES REMOVAL AND DISPOSAL	680.00a	68000a
RAILROAD TRACK RAIL REMOVAL	680.00	68000
RECLAIMED ASPHALT PAVEMENT AND RECLAIMED ASPHALT SHINGLES (D4)	1031.00	103100
RAILROAD TRACK RAIL REMOVAL	680.00	68000
REFLECTIVE CRACK CONTROL TREATMENT	443.00	44300
REMOVAL OF ABANDONED UNDERGROUND UTILITIES	105.07	10507
REMOVE AND RELAY PIPE CULVERTS	542.01	54201
RIGHT-OF-WAY RESTRICTIONS	107.32	10732
ROCKFILL	311.00	31100
RUMBLE STRIP	407.14	40714
SEEDING, MINOR AREAS	250.00	25000
SEEDLING MIXTURE A	253.00b	15300b
SEEPAGE COLLAR	542.00	54200
SIDEWALK DRAINS	424.01	42401
SOIL MODIFICATION	302.00	30200
SPEEDING PENALTY	701.06	70106
STATUS OF UTILITIES/UTILITIES TO BE ADJUSTED	105.07	10507

ALPHABETIC INDEX OF DISTRICT SPECIAL PROVISIONS

ALPHABETIC INDEX OF DISTRICT SPECIAL PROVISIONS

Item/Description	Standard Specification	Filename
TRAFFIC BARRIER TERMINALS, TYPE 6	631.07	63107
TRAFFIC CONTROL AND PROTECTION STANDARD 701331 (SPECIAL)	701.08b	70108b
TRAFFIC CONTROL AND PROTECTION STANDARD BLR 21 AND BLR 21 (SPECIAL)	701.20	70120
TRAFFIC CONTROL AND PROTECTION STANDARD BLR 22 AND BLR 22 (SPECIAL)	701.21	701.21
TRAFFIC CONTROL AND PROTECTION STANDARD 701606 (SPECIAL)	701.22	70122
TRAFFIC CONTROL PLAN	701.00	70100
TREE WHIP MIXTURE	253.00	25300
TRENCH & BACKFILL, SPECIAL FOR CONDUIT INSTALLATION BENEATH BITUMINOUS SHOULDERS	815.00	81500
UTILITIES – LOCATIONS/INFORMATION ON PLANS	105.07b	10507b
WIDTH RESTRICTION SIGNING	701.14	70114

District Special Provisions

Numeric Index

October 7, 2013

SECTION 100

District Special Provisions

Standard Specifications	Item/Description	Doc. #
105.00	CONSTRUCTION STATION LAYOUT	10500
105.06	PRESTAGE SITE CONSTRUCTION MEETINGS	10506
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
107.00a	NATIONWIDE 404 PERMIT REQUIREMENTS	10700a
107.31	LOCATION OF UNDERGROUND STATE MAINTAINED FACILITIES	10731
107.32	RIGHT-OF-WAY RESTRICTIONS	10732
108.03	DELAYED START OF MULTIPLE CONTRACTS	10803
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. #
204.00	BORROW AND FURNISHED EXCAVATION	20400
205.00	GEOTECHNICAL REINFORCEMENT	20500
205.05	EMBANKMENT	20505
205.04	EMBANKMENT (RESTRICTIONS)	20504
205.05a	EMBANKMENT (SMALL EMBANKMENTS)	20505a
250.00	SEEDING, MINOR AREAS	25000
250.06a	MOWING	25006a
250.06b	MOWING	250.06b
253.00	TREE WHIP MIXTURE	25300
253.00b	SEEDLING MIXTURE A	25300b
281.00	GROUT FOR USE WITH RIPRAP	28100
281.04	STONE DUMPED RIPRAP *	28104
281.06	STONE RIPRAP	28106
283.03	AGGREGATE DITCH	28303

SECTION 300

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
311.01	SUBBASE GRANULAR MATERIAL	31101
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
406.01	ANTI-STRIP ADDITIVE FOR HOT-MIX ASPHALT	40601
406.04a	HOT-MIX ASPHALT SURFACE COURSE SURFACE TESTS	40604a
406.02	HOT-MIX ASPHALT – PRIME COAT	40602
406.13	PAYMNET FOR USE OF MATERIAL TRANSFER DEVICE	40613
407.06	BITUMINOUS PRIME COAT FOR HOT-MIX ASPHALT PAVEMENT (FULL DEPTH)	40706
407.13	GROOVED-IN RUMBLE STRIP	40713
420.20	RAILROAD APPROACH PAVEMENT	42020
424.01	SIDEWALK DRAINS	42401
424.02	TEMPORARY SIDEWALKS	42402
440.00	PARTIAL DEPTH PATCHING	44000
440.01	BRIDGE WEARING SURFACE REMOVAL	44001
440.02	LONGITUDINAL JOINT REPAIR	44002
440.03	PROTECTION OF FRAMES AND LIDS OF UTILITY STRUCTURES	44003
440.03c	CENTER JOINT REPAIR SYSTEM	44003c
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
440.03f	HOT-MIX ASPHALT CONCRETE MILLING MATERIAL	44003f
442.00	CLASS (*) PATCHES, TYPE (**), (***")	44200
443.00	REFLECTIVE CRACK CONTROL TREATMENT	44300
451.00	CRACK AND JOINT SEALING	45100
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
503.00	BIN-TYPE RETAINING WALL	50300
503.01	CONCRETE WEARING SURFACE	50301
503.02	SURFACE FILLER, SPECIAL (GALLON)	50302
503.12a	FLOOR DRAIN EXTENSIONS	50312a
503.12	PLUG EXISTING DRAINS	50312
503.17	BRIDGE FLOOR FINISHING MACHINE	50317
503.19	PROTECTING COAT, SPECIAL	50319
521.00b	JACK AND REPOSITION BEARINGS	52100b
521.00c	JACKING AND CRIBBING	52100c
542.00	SEEPAGE COLLAR	54200
542.01	REMOVE AND RELAY PIPE CULVERTS	54201
542.02	PIPE CULVERTS (JACKED)	54202
542.04	PIPE CULVERTS	54204
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

SECTION 600

District Special Provisions

Standard Specifications	Item/Description	Doc. #
601.01	PIPE UNDERDRAIN	60101
602.00d	INLET-MANHOLE, TYPE G-1, 4' (1.2 M) DIAMETER	60200d
602.00f	INLET-MANHOLE, TYPE G-1, 5' (1.5 M) DIAMETER	60200f
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
602.00e	INLET-MANHOLE, TYPE G-1, 4' (1.2 M) DIAMETER, SPECIAL	60200e
602.00g	INLET-MANHOLE, TYPE G-1, 5' (1.5 M) DIAMETER, SPECIAL	60200g
602.00a	INLETS, TYPE G-1	60200a
602.00c	INLETS, TYPE G-1, DOUBLE, SPECIAL	60200c
602.00b	INLETS, TYPE G-1, SPECIAL	60200b
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
605.04a	FILLING EXISTING CULVERTS	60504a
605.04b	FILLING EXISTING DRAINAGE STRUCTURES	60504b
605.04	FILLING EXISTING INLETS	60504
606.08	ISLAND PAVEMENT CONSTRUCTED ON EXISTING PAVEMENT	60608
606.12	DRAINAGE HOLES	60612

SECTION 600

District Special Provisions

Standard Specifications	Item/Description	Doc. #
630.00	EROSION CONTROL CURB	63000
630.01	GUARDRAIL AGGREGATE EROSION CONTROL	63001
630.08	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6.75 FOOT POSTS	63008
631.04	TRAFFIC BARRIER TERMINAL, TYPE 1, SPECIAL (FLARED) OR (TANGENT)	63104
631.07	TRAFFIC BARRIER TERMINALS, TYPE 6	63107
631.11c	TRAFFIC BARRIER TERMINALS	63111c
631.14	TRAFFIC BARRIER TERMINALS, TYPE 2	63114
632.00	GUARD POST REMOVAL	63200
635.00	FLEXIBLE DELINEATOR MAINTENANCE	63500
635.01	FLEXIBLE DELINEATORS	63501
667.01	PERMANENT SURVEY MARKERS	667.01
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 RAIL REMOVAL	68000
683.00	MORTARED STONE WALL	68300

SECTION 700

District Special Provisions

Standard Specifications	Item/Description	Doc. #
701.00	TRAFFIC CONTROL PLAN	70100
701.06	SPEEDING PENALTY	70106
701.08b	TRAFFIC CONTROL AND PROTECTION STANDARD 701331 (SPECIAL)	70108b
701.14	WIDTH RESTRICTION SIGNING	70114
701.20	TRAFFIC CONTROL AND PROTECTION STANDARD BLR 21 AND BLR 21 (SPECIAL)	70120
701.21	TRAFFIC CONTROL AND PROTECTION STANDARD BLR 22 AND BLR 22 (SPECIAL)	70121
701.22	TRAFFIC CONTROL AND PROTECTION STANDARD 701606 (SPECIAL)	70122
703.00	PAVEMENT MARKING REMOVAL/WORK ZONE PAVEMENT MARKING REMOVAL	70300
704.00a	TEMPORARY CONCRETE BARRIER REFLECTORS	70400a
704.00	TEMPORARY CONCRETE BARRIER, STATE OWNED AND TEMPORARY CONCRETE BARRIER TERMINAL SECTIONS, STATE OWNED	70400
780.00	THERMOPLASTIC PAVEMENT MARKING EQUIPMENT	78000
780.01	PREFORMED PLASTIC PAVEMENT MARKNIG, TYPE B-INLAID	78001
780.02	GROOVING FOR RECESSED PAVEMENT MARKING	78002
781.00	TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER	78100

October 7, 2013

SECTION 800

District Special Provisions

Standard Specifications	Item/Description	Doc. #
810.00	CONDUIT, PUSHED OR TRENCHED	81000
815.00	TRENCH & BACKFILL, SPECIAL FOR CONDUIT INSTALLATION BENEATH BITUMINOUS SHOULDERS	81500
863.00	TERMINAL FACILITY	86300
873.00	ELECTRIC CABLE CONDUIT NO. 18	87300
886.00	DETECTOR LOOP, SPECIAL FOR TRAFFIC COUNTERS	88600
886.00a	DETECTOR LOOPS, TYPE 1	88600a

October 7, 2013

SECTION 900

District Special Provisions

Standard Specifications	Item/Description	Doc. #

SECTION 1000

District Special Provisions

Standard Specifications	Item/Description	Doc. #
1004.00	AGGREGATE OPTIMIZATION OF CLASS PV MIX FOR SLIPFORM PAVING	100400
1004.01	COARSE AGGREGATE FILL	100401
1004.02	CONCRETE SUPERSTRUCTURE AGGREGATE OPTIMIZATION	100402
1004.03b	COARSE AGGREGATE FOR BITUMINOUS COURSES, CLASS A	d100403b
1004.04	AGGREGATE QUALITY	d100404
1030.00	HOT-MIX ASPHALT QUALITY CONTROL FOR PERFORMANCE (D4)	103000
1030.01	HOT-MIX ASPHALT – PAY FOR PERFORMANCE USING PERCENT WITHIN LIMITS – JOBSITE SAMPLING (D4)	103001
1030.04	HOT-MIX ASPHALT – MIXTURE DESIGN VERIFICATION AND PRODUCTION	103004
1031.00	RECLAIMED ASPHALT PAVEMENT AND RECLAIMED ASPHALT SHINGLES (D4)	103100
1103.00	PCC QC/QA ELECTRONIC REPORT SUBMITTAL	110300
1103.03	PCC AUTOMATIC BATCHING EQUIPMENT	110303

District Special Provisions

Designer Note: Use this special when pushing a pipe culvert under the roadway. Always specify Class A in the pay item. Do not use Class C or Class D.

PIPE CULVERTS (JACKED)

Effective January 1, 2014

This work shall be performed in accordance with Section 552 of the Standard Specifications, the plan details and as described herein.

Obstructions shall be defined as any object (such as but not limited to, boulders, logs, old foundations, old wingwalls, etc.) that cannot be removed with normal earth drilling procedures but requires special augers, tooling, core barrels or rock augers to remove the obstruction. When obstructions are encountered, the Contractor shall notify the Engineer and upon concurrence of the Engineer, the Contractor shall begin working to core, break up, push aside, or remove the obstruction. Lost tools or equipment in the excavation as a result of the Contractor's operation shall not be defined as obstructions and shall be removed at the Contractor's expense.

This work will be paid for at the contract unit price per Foot for PIPE CULVERTS (JACKED) of the class and size specified in the plans.

Designer Note: Use on projects where new permanent survey markers are being installed.

PERMANENT SURVEY MARKERS

Effective January 1, 2014

The metal tablet used on permanent survey markers shall be made of bronze.

District General Notes

Section 200

Effective June 1, 1999 Revised January 1, 2014

Designer Note: Use when borrow is required or where waste material will be generated from construction activities. Waste materials may include, but not limited to, the following removal items: pavement removal, pavement patching activities, and concrete removal items.

ENVIRONMENTAL REVIEWS

Prior to the use of any proposed borrow areas, use areas (temporary access roads, detours, run-arounds, etc.) and/or waste areas, the Contractor shall file the required environmental resource request surveys according to Section 107.22 of the Standard Specifications. These surveys are required in order for the Department to conduct cultural and biological resource surveys for the proposed site.

The required environmental resource documentation shall include the following:

- BDE Form 2289 (Cultural and Natural Resources Review of Borrow Areas)
- BDE Form 2290 (Waste/Use Area Review)
- A location map showing the size limits and location of the use area
- Color photographs depicting the use area
- Borrow Area Entry Agreement form – D4 PI0101

Prior to any waste materials being removed from the construction site the required environmental resource surveys shall be obtained and filed by the Contractor. Excess waste products removed from the construction site shall be disposed of as required in Section 202.03 of the Standard Specifications.

Any protruding metal bars shall be removed prior to the disposal of broken concrete at approved disposal sites.

Please note that a minimum of four weeks shall be allowed for the District to obtain the required waste site environmental clearances and six weeks for the required borrow site environmental clearances.