INDEX FOR SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS

Adopted January 1, 2025

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 1-1-22) (Revised 1-1-25)

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Check Sheet for Recurring Special Provisions

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The Following Local Roads And Streets Recurring Special Provisions Indicated By An "X" Are Applicable To This Contract And Are Included By Reference:

Local Roads And Streets Recurring Special Provisions

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Special Provisions



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The following Special Provision supplement the "Sta	andard Speci	fications for Road and Bridge Con	struction", adopted
January 1, 2022	, the latest e	dition of the "Manual on Uniform T	raffic Control Devices for
Streets and Highways", and the "Manual of Test Pro	ocedures of N	Materials" in effect on the date of ir	vitation of bids, and the
Supplemental Specification and Recurring Special F	Provisions inc	dicated on the Check Sheet include	ed here in which apply to and
govern the construction of the above named section	i, and in case	of conflict with any parts, or parts	of said Specifications, the said
Special Provisions shall take precedence and shall	govern.		

LOCATION OF PROJECT

This project is located in the City of Mendota at 5th Street at 8th Avenue.

DESCRIPTION OF PROJECT

Partial deck/superstructure repair on 8th Ave structure.

EXAMINATION OF PLANS, SPECIFICATIONS, SPECIAL PROVISIONS, AND SITE OF WORK The prospective bidder shall, before submitting a bid, carefully examine the provisions of the contract. The bidder shall inspect in detail the site of the proposed work, investigate and become familiar with all the local conditions affecting the contract and fully acquaint themselves with the detailed requirements of construction.

MISCELLANEOUS SAW-CUTTING

Whenever the new work will meet existing conditions other than lawn areas, regardless of whether it is asphalt or concrete, the existing adjacent pavement or curb shall be saw-cut to provide a neat joint. The saw-cut shall be in a straight line sufficiently deep so that it renders a smooth vertical face to match to. All saw cutting shall be considered incidental to MOBILIZATION.

If the contractor is not careful or does not saw deep enough and the cut line breaks out or chips to an imperfect edge, then the existing side must be re-cut square and done over until it is correct. Any additional quantity of new work required as a result of additional removal caused by improper saw cutting will not be paid for.

DISPOSAL OF DEBRIS AND EXCAVATED OR REMOVED MATERIALS

The Contractor shall be responsible for removal and disposal of all waste material, asphalt, concrete, stone, dirt, or debris generated in the course of the work.

The contractor shall load the removed pieces of street pavements, bridge demolition debris, etc., shall be hauled away by the close of each workday and dispose of it. The temporary storing of excavated materials on the roadway and rehandling them later for disposal will not be allowed due to additional unnecessary potential of erosion and sediment release into adjacent ditches and waterways. It shall be the contractor's responsibility to find an approved dumpsite for debris (See BLR Circular Letter 02-18) and any excavated materials. The stockpiling of excavated or backfill material within the roadway overnight shall not be permitted.

TEMPORARY WALL BRACING

This item shall consist of furnishing all material, equipment and labor to brace the abutment walls before

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and while the bridge superstructure is removed and remain in place until the new superstructure is installed and cured, as herein specified and as directed by the Engineer.

The Contractor shall submit details and calculations, prepared and sealed by a Illinois licensed structural engineer, of the support system they propose to use for approval of the Engineer prior to ordering of material and implementation. Such approval shall in no way relieve the Contractor of responsibility for the safety of the structure.

The work specified herein, as shown on the plans and as directed by the Engineer, shall be paid for at the Contract Lump Sum price for TEMPORARY WALL BRACING.

STEEL RAILING, SPECIAL

This item consists of unbolting existing steel railing sections and re-installing on new concrete headwall as shown on the Plans and as directed by the Engineer. The Contractor shall safely store the rails in a secure location until installation occurs. Upon installation, the Contractor shall use stainless steel wedge-style concrete anchors to bolt down the rail system. The work specified herein, as shown on the Plans and as directed by the Engineer, shall be paid for at the Contract Unit Price per Foot for STEEL RAILING, SPECIAL.

TRAFFIC CONTROL PLAN
Effective: September 30, 1985
Revised: January 1, 2007

Traffic Control shall be according to the applicable sections of the Standard Specifications, the Supplemental Specifications, the "Illinois Manual on Uniform Traffic Control Devices for Streets and Highways", any special details and Highway Standards contained in the plans, and the Special Provisions contained herein.

Special attention is called to Article 107.09 of the Standard Specifications and the following Highway Standards, Details, Quality Standard for Work Zone Traffic Control Devices, Recurring Special Provisions and Special Provisions contained herein, relating to traffic control.

The Contractor shall prepare and submit form BSPE 725 to District 3. Approval of the BSPE 725 must be given prior to beginning work.

STANDARDS: 701901, BLR 21-9, BLR 22-7

DETAILS: TEMPORARY INFORMATION SIGNING

SPECIAL PROVISIONS: TRAFFIC CONTROL AND PROTECTION (SPECIAL)

WORK ZONE TRAFFIC CONTROL SURVEILLANCE

TEMPORARY INFORMATION SIGNING

TRAFFIC CONTROL AND PROTECTION (SPECIAL)

Description: Traffic control shall be in accordance with the applicable sections of the Standard Specifications for Road and Bridge Construction, the applicable guidelines contained in the Illinois Manual on Uniform Traffic Control Devices for Streets and Highways, these special provisions, and any special details and Highway Standards herein and in the plans. This shall include any necessary detour signage

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required when closing a section of roadway for a period of time greater than one day.

Special attention is called to Articles 107.09 and 107.14 as well as the following sections of the Standard Specifications, the Highway Standards, and the special provisions relating to traffic control:

Standard Specifications:

Section 701 – Work Zone Traffic Control and Protection Section 1106 – Work Zone Traffic Control Devices

Highway Standards:

701901 Traffic Control Devices

BLR 21-9 Typical Applications of Traffic Control Devices for Construction On Rural Local Highways BLR 22-7 Typical Applications of Traffic Control Devices for Construction On Rural Local Highways (Two-Lane Two-Way Rural Traffic) (Road Closed to Thru Traffic)

The Contractor shall make frequent inspections of the worksite. Any traffic control items that are worn, damaged or are inoperative to the extent that they no longer meet these specifications or that have been displaced shall be repaired or removed and replaced. Traffic control items shall be properly installed and operational 24 hours-a-day, 7 days a week. The Contractor shall respond to requests from the County to correct traffic control deficiencies within 4 hours of the request. If specification is not met within 4 hours of notice, the County will take whatever action it may deem necessary to bring the traffic control within specification and deduct all costs (actual and incurred) from amounts due the Contractor.

All signs except those referring to daily lane closures shall be post mounted in accordance with Standard 720001.

Method of Measurement: All traffic control and protection required by this provision will be measured for payment on a lump sum basis. No compensation for any delays that may be caused the Contractor in complying with this special provision shall be made.

Basis of Payment: Work required by this provision will be paid for at the contract lump sum price for TRAFFIC CONTROL AND PROTECTION (SPECIAL). There will be no adjustment of payment allowed for any change in work items associated with this item.

TEMPORARY INFORMATION SIGNING

Description. This work shall consist of the furnishing, installation, maintenance, and removal of temporary information signs.

Materials. Materials shall be according to the applicable portions of Section 701 of the Standard Specifications and as shown on the plans.

Construction Requirements. The temporary information signs shall be in place at least one week prior to the beginning of construction activities that impact traffic flow and shall remain in place until the completion of the project. If all lanes are open for an extended period of time during the project the Contractor shall cover the signs until lane closures resume. If the project is shut down for the winter the signs shall read "Road Work Resumes Spring XXXX".

Signs shall be installed according to the requirements of Section 701.

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Method of Measurement: This work will not be measured separately for payment.

Basis of Payment. This work will NOT be paid for separately but shall be included in the cost of TRAFFIC CONTROL AND PROTECTION (SPECIAL).

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State of Illinois Department of Transportation Bureau of Local Roads and Streets

SPECIAL PROVISION FOR INSURANCE

Effective: February 1, 2007 Revised: August 1, 2007

All references to Sections or Articles in this specification shall be construed to mean specific Section or Article of the Standard Specifications for Road and Bridge Construction, adopted by the Department of Transportation.

The Contractor shall name the following entities as additional insured under the Contractor's general liability insurance policy in accordance with Article 107.27:

City of Mendota		
Chamlin & Associates, Inc.		

The entities listed above and their officers, employees, and agents shall be indemnified and held harmless in accordance with Article 107.26.

BDE SPECIAL PROVISIONS For the August 1 and September 19, 2025 Lettings

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

File	e Name	#		Special Provision Title	Effective	Revised
	80099			Accessible Pedestrian Signals (APS)	April 1, 2003	Jan. 1, 2022
	80274		Ħ	Aggregate Subgrade Improvement	April 1, 2012	April 1, 2022
	80192		Ħ	Automated Flagger Assistance Devices	Jan. 1, 2008	April 1, 2023
	80173		Ħ	Bituminous Materials Cost Adjustments	Nov. 2, 2006	Aug. 1, 2017
	80426		Ħ	Bituminous Surface Treatment with Fog Seal	Jan. 1, 2020	Jan. 1, 2022
*	80241		Ħ	Bridge Demolition Debris	July 1, 2009	oam 1, 2022
*		7	Ħ	Building Removal	Sept. 1, 1990	Aug. 1, 2022
*		8	Ħ	Building Removal with Asbestos Abatement	Sept. 1, 1990	Aug. 1, 2022
	80460		$\overline{\checkmark}$	Cement, Finely Divided Minerals, Admixtures, Concrete, and Mortar		7 tag. 1, 2022
		10	Ž	Compensable Delay Costs	June 2, 2017	April 1, 2019
*		11	Ħ	Completion Date (via calendar days)	April 1, 2008	7 pm 1, 2010
*		12	H	Completion Date (via calendar days) Plus Working Days	April 1, 2008	
		13	H	Concrete Barrier	Jan. 1, 2005	
		14	H	Concrete Sealer	Nov. 1, 2023	
		15	H	Construction Air Quality – Diesel Retrofit		Jan. 1, 2025
*		16	H		June 1, 2010	
		17	H	Disadvantaged Business Enterprise Participation Erosion Control Blanket	Sept. 1, 2000	Jan. 2, 2025
	80229	18	H	Fuel Cost Adjustment	Aug. 1, 2025	Aug 1 2017
	80452		H	Full Lane Sealant Waterproofing System	April 1, 2009 Nov. 1, 2023	Aug. 1, 2017
	80432		H	Grading and Shaping Ditches		
	80433		H		Jan. 1, 2023 Jan. 1, 2021	lan 1 2022
	80456		$ \checkmark $	Green Preformed Thermoplastic Pavement Markings Hot-Mix Asphalt	Jan. 1, 2021 Jan. 1, 2024	Jan. 1, 2022 Jan. 1, 2025
	80446		H	Hot-Mix Asphalt - Longitudinal Joint Sealant	Nov. 1, 2024	Aug. 1, 2023
	80438		H	Illinois Works Apprenticeship Initiative – State Funded Contracts	June 2, 2021	Aug. 1, 2023 April 2, 2024
	80450		H	Mechanically Stabilized Earth Retaining Walls	Aug. 1, 2023	Aug. 1, 2025
		26	H	Pavement Marking Inspection	April. 1, 2025	Aug. 1, 2025
	80468			Pavement Patching	Aug. 1, 2025	
	80441	28	$\overline{\mathbf{V}}$	Performance Graded Asphalt Binder	Jan. 1, 2023	
	80459		Ħ	Preformed Plastic Pavement Marking	June 2, 2024	
*	3426I	30	H	Railroad Protective Liability Insurance	Dec. 1, 1986	Jan. 1, 2022
	80455		$\overline{\checkmark}$	Removal and Disposal of Regulated Substances	Jan. 1, 2024	April 1, 2024
	80445		H	Seeding	Nov. 1, 2024	April 1, 2024
	80457		H	Short Term and Temporary Pavement Markings	April 1, 2024	April 2, 2024
	80462		H	Sign Panels and Appurtenances	Jan. 1, 2025	April 1, 2025
	80469		H	Slope Wall	Aug. 1, 2025	April 1, 2025
	80448		H	Source of Supply and Quality Requirements	Jan. 2, 2023	
	80340		H	Speed Display Trailer	April 2, 2014	Jan. 1, 2022
	80127		H	Steel Cost Adjustment	April 2, 2004	Jan. 1, 2022
	80397		$\overline{\Box}$	Subcontractor and DBE Payment Reporting	April 2, 2018	Jan. 1, 2022
	80391		H	Subcontractor Mobilization Payments	Nov. 2, 2017	April 1, 2019
		41	H	Submission of Bidders List Information	Jan. 2, 2025	Mar. 2, 2025
	80437		H	Submission of Payroll Records	April 1, 2021	Nov. 2, 2023
	80435	43	H	Surface Testing of Pavements – IRI	Jan. 1, 2021	Jan. 1, 2023
	80465		H	Surveying Services	April 1, 2025	0an. 1, 2020
	80466	45	H	Temporary Rumble Strips	April 1, 2025	
	80470		H	Traffic Signal Backplate	Aug. 1, 2025	
*	20338		H	Training Special Provisions	Oct. 15, 1975	Sept. 2, 2021
	80429		H	Ultra-Thin Bonded Wearing Course	April 1, 2020	Jan. 1, 2022
	80439		M	Vehicle and Equipment Warning Lights	Nov. 1, 2021	Nov. 1, 2022
	80458		H	Waterproofing Membrane System	Aug. 1, 2024	140 . 1, 2022
	80302		H	Weekly DBE Trucking Reports	June 2, 2012	Jan. 2, 2025
	00002	01	Ш	Troomy DDL Trucking Reports	Julio 2, 2012	Juli. 2, 2020

	80454	52		Wood Sign Support	Nov. 1, 2023	
	80427	53		Work Zone Traffic Control Devices	Mar. 2, 2020	Jan. 1, 2025
*	80071	54	\checkmark	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	Articles 542.03, 550.03, 1040.03,	Jan. 1, 2021	
	Sewer)	1040.04(b), 1040.04(d) & 1040.08		
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),	Nov 15, 1999	Jan. 1, 2022
		406.14 & 1102.02		
80410	Traffic Spotters	Article 701.13	Jan. 1, 2019	

CEMENT, FINELY DIVIDED MINERALS, ADMIXTURES; CONCRETE, AND MORTAR (BDE)

Effective: January 1, 2025

Revise the first paragraph of Article 285.05 of the Standard Specifications to read:

"285.05 Fabric Formed Concrete Revetment Mat. The grout shall consist of a mixture of cement, fine aggregate, and water so proportioned and mixed as to provide a pumpable slurry. Fly ash or ground granulated blast furnace (GGBF) slag, and concrete admixtures may be used at the option of the Contractor. The grout shall have an air content of not less than 6.0 percent nor more than 9.0 percent of the volume of the grout. The mix shall obtain a compressive strength of 2500 psi (17,000 kPa) at 28 days according to Article 1020.09."

Revise Article 302.02 of the Standard Specifications to read:

"302.02 Materials. Materials shall be according to the following.

	Item	Article/Section
(a)	Cement	1001
(b)	Water	1002
(c)	Hydrated Lime	1012.01
(d)	By-Product, Hydrated Lime	1012.02
(e)	By-Product, Non-Hydrated Lime	1012.03
(f)	Lime Slurry	1012.04
(g)	Fly Ash	1010
(h)	Soil for Soil Modification (Note 1)	1009.01
(i)	Bituminous Materials (Note 2)	

Note 1. This soil requirement only applies when modifying with lime (slurry or dry).

Note 2. The bituminous materials used for curing shall be emulsified asphalt RS-2, CRS-2, HFE 90, or HFE 150; rapid curing liquid asphalt RC-70; or medium curing liquid asphalt MC-70 or MC-250."

Revise Article 312.07(c) of the Standard Specifications to read:

"(c) Cement1001"

Add Article 312.07(i) of the Standard Specifications to read:

"(i) Ground Granulated Blast Furnace (GGBF) Slag1010"

Revise the first paragraph of Article 312.09 of the Standard Specifications to read:

"312.09 Proportioning and Mix Design. At least 60 days prior to start of placing CAM II, the Contractor shall submit samples of materials to be used in the work for proportioning and testing.

The mixture shall contain a minimum of 200 lb (120 kg) of cement per cubic yard (cubic meter). Cement may be replaced with fly ash or ground granulated blast furnace (GGBF) slag according to Article 1020.05(c)(1) or 1020.05(c)(2), respectively, however the minimum cement content in the mixture shall be 170 lbs/cu yd (101 kg/cu m). Blends of coarse and fine aggregates will be permitted, provided the volume of fine aggregate does not exceed the volume of coarse aggregate. The Engineer will determine the proportions of materials for the mixture according to the "Portland Cement Concrete Level III Technician Course" manual. However, the Contractor may substitute their own mix design. Article 1020.05(a) shall apply, and a Level III PCC Technician shall develop the mix design."

Revise Article 352.02 of the Standard Specifications to read:

"352.02 Materials. Materials shall be according to the following.

Item	Article/Section
(a) Cement (Note 1)	1001
(b) Soil for Soil-Cement Base Course	
(c) Water	1002
(d) Bituminous Materials (Note 2)	1032

Note 1. Bulk cement may be used for the traveling mixing plant method if the equipment for handling, weighing, and spreading the cement is approved by the Engineer.

Note 2. The bituminous materials used for curing shall be emulsified asphalt RS-2, CRS-2, HFE 90, or HFE 150; rapid curing liquid asphalt RC-70; or medium curing liquid asphalt MC-70 or MC-250."

Revise Article 404.02 of the Standard Specifications to read:

"404.02 Materials. Materials shall be according to the following.

Item	Article/Section
(a) Cement	1001
(b) Water	1002
(c) Fine Aggregate	
(d) Bituminous Material (Tack Coat)	1032.06
(e) Emulsified Asphalts (Note 1) (Note 2)	1032.06
(f) Fiber Modified Joint Sealer	1050.05
(g) Additives (Note 3)	

Note 1. When used for slurry seal, the emulsified asphalt shall be CQS-1h according to Article 1032.06(b).

Note 2. When used for micro-surfacing, the emulsified asphalt shall be CQS-1hP according to Article 1032.06(e).

Note 3. Additives may be added to the emulsion mix or any of the component materials to provide the control of the quick-traffic properties. They shall be included as part of the mix design and be compatible with the other components of the mix.

Revise the last sentence of the fourth paragraph of Article 404.08 of the Standard Specifications to read:

"When approved by the Engineer, the sealant may be dusted with fine sand, cement, or mineral filler to prevent tracking."

Revise Note 2 of Article 516.02 of the Standard Specifications to read:

"Note 2. The sand-cement grout mix shall be according to Section 1020 and shall be a 1:1 blend of sand and cement comprised of a Type I, IL, or II cement at 185 lb/cu yd (110 kg/cu m). The maximum water cement ratio shall be sufficient to provide a flowable mixture with a typical slump of 10 in. (250 mm)."

Revise Note 2 of Article 543.02 of the Standard Specifications to read:

"Note 2. The grout mixture shall be 6.50 hundredweight/cu yd (385 kg/cu m) of cement plus fine aggregate and water. Fly ash or ground granulated blast furnace (GGBF) slag may replace a maximum of 5.25 hundredweight/cu yd (310 kg/cu m) of the cement. The water/cement ratio, according to Article 1020.06, shall not exceed 0.60. An air-entraining admixture shall be used to produce an air content, according to Article 1020.08, of not less than 6.0 percent nor more than 9.0 percent of the volume of the grout. The Contractor shall have the option to use a water-reducing or high range water-reducing admixture."

Revise Article 583.01 of the Standard Specifications to read:

"583.01 **Description.** This work shall consist of placing cement mortar along precast, prestressed concrete bridge deck beams as required for fairing out any unevenness between adjacent deck beams prior to placing of waterproofing membrane and surfacing."

Revise Article 583.02(a) of the Standard Specifications to read:

"(:	a)	Cement1	ാറ	1	"
٠,	~,	O111011(

Revise the first paragraph of Article 583.03 of the Standard Specifications to read:

"583.03 General. This work shall only be performed when the air temperature is 45 °F (7 °C) and rising. The mixture for cement mortar shall consist of three parts sand to one part cement by volume. The amount of water shall be no more than that necessary to produce a workable, plastic mortar."

Revise Note 2/ in Article 1003.01(b) of the Standard Specifications to read:

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"2/ Applies only to sand. Sand exceeding the colorimetric test standard of 11 (Illinois Modified AASHTO T 21) will be checked for mortar making properties according to Illinois Modified ASTM C 87 and shall develop a compressive strength at the age of 14 days when using Type I, IL, or II cement of not less than 95 percent of the comparable standard.

Revise the second sentence of Article 1003.02(e)(1) of the Standard Specifications to read:

"The test will be performed with Type I, IL, or II portland cement having a total equivalent alkali content (Na₂O + 0.658K₂O) of 0.90 percent or greater."

Revise the first sentence of the second paragraph of Article 1003.02(e)(3) of the Standard Specifications to read:

"The ASTM C 1293 test shall be performed with Type I, IL, or II portland cement having a total equivalent alkali content (Na₂O + 0.658K₂O) of 0.80 percent or greater."

Revise the second sentence of Article 1004.02(g)(1) of the Standard Specifications to read:

"The test will be performed with Type I, IL, or II portland cement having a total equivalent alkali content (Na₂O + 0.658K₂O) of 0.90 percent or greater."

Revise Article 1017.01 of the Standard Specifications to read:

"1017.01 Requirements. The mortar shall be high-strength according to ASTM C 387 and shall have a minimum 80.0 percent relative dynamic modulus of elasticity when tested by the Department according to Illinois Modified AASHTO T 161 or AASHTO T 161 when tested by an independent lab. The high-strength mortar shall have a water-soluble chloride ion content of less than 0.40 lb/cu yd (0.24 kg/cu m). The test shall be performed according to ASTM C 1218, and the high-strength mortar shall have an age of 28 to 42 days at the time of test. The ASTM C 1218 test shall be performed by an independent lab a minimum of once every five years, and the test results shall be provided to the Department. Mixing of the high-strength mortar shall be according to the manufacturer's specifications. The Department will maintain a qualified product list."

Revise the fourth sentence of Article 1018.01 of the Standard Specifications to read:

"The ASTM C 1218 test shall be performed by an independent lab a minimum of once every five years, and the test results shall be provided to the Department."

Revise Article 1019.02 of the Standard Specifications to read:

"1019.02 Materials. Materials shall be according to the following.

Item	Article/Section
(a) Cement	1001
(b) Water	1002

(c) Fine Aggregate for Controlled Low-Strength Material (CLSM)	1003.06
(d) Fly Ash	1010
(e) Ground Granulated Blast Furnace (GGBF) Slag	1010
(f) Admixtures (Note 1)	

Note 1. The air-entraining admixture may be in powder or liquid form. Prior to approval, a CLSM air-entraining admixture will be evaluated by the Department. The admixture shall be able to meet the air content requirements of Mix 2. The Department will maintain a qualified product list."

Revise Article 1019.05 of the Standard Specifications to read:

"1019.05 Department Mix Design. The Department mix design shall be Mix 1, 2, or 3 and shall be proportioned to yield approximately one cubic yard (cubic meter).

Mix 1	
Cement	50 lb (30 kg)
Fly Ash – Class C or F, and/or GGBF Slag	125 lb (74 kg)
Fine Aggregate – Saturated Surface Dry	2900 lb (1720 kg)
Water	50-65 gal (248-322 L)
Air Content	No air is entrained

Mix 2	
Cement	125 lb (74 kg)
Fine Aggregate – Saturated Surface Dry	2500 lb (1483 kg)
Water	35-50 gal (173-248 L)
Air Content	15-25 %

Mix 3	
Cement	40 lb (24 kg)
Fly Ash – Class C or F, and/or GGBF Slag	125 lb (74 kg)
Fine Aggregate – Saturated Surface Dry	2500 lb (1483 kg)
Water	35-50 gal (179-248 L)
Air Content	15-25 %"

Revise Article 1020.04, Table 1, Note (8) of the Standard Specifications to read:

"(8) In addition to the Type III portland cement, 100 lb/cu yd of ground granulated blast-furnace slag and 50 lb/cu yd of microsilica (silica fume) shall be used. For an air temperature greater than 85 °F, the Type III portland cement may be replaced with Type I, IL, or II portland cement."

Revise Article 1020.04, Table 1 (Metric), Note (8) of the Standard Specifications to read:

"(8) In addition to the Type III portland cement, 60 kg/cu m of ground granulated blast-furnace slag and 30 kg/cu m of microsilica (silica fume) shall be used. For an air temperature greater than 30 °C, the Type III portland cement may be replaced with Type I, IL, or II portland cement."

Revise the second paragraph of Article 1020.05(a) of the Standard Specifications to read:

"For a mix design using a portland-pozzolan cement, portland blast-furnace slag cement, portland-limestone cement, or replacing portland cement with finely divided minerals per Articles 1020.05(c) and 1020.05(d), the Contractor may submit a mix design with a minimum portland cement content less than 400 lbs/cu yd (237 kg/cu m), but not less than 375 lbs/cu yd (222 kg/cu m), if the mix design is shown to have a minimum relative dynamic modulus of elasticity of 80 percent determined according to AASHTO T 161. Testing shall be performed by an independent laboratory accredited by AASHTO re:source for Portland Cement Concrete."

Revise the first sentence of the first paragraph of Article 1020.05(b) of the Standard Specifications to read:

"Corrosion inhibitors and concrete admixtures shall be according to the qualified product lists."

Delete the fourth and fifth sentences of the second paragraph of Article 1020.05(b) of the Standard Specifications.

Revise the third sentence of the second paragraph of Article 1020.05(b)(5) of the Standard Specifications to read:

"The qualified product lists of concrete admixtures shall not apply."

Revise second paragraph of Article 1020.05(b)(10) of the Standard Specifications to read:

"When calcium nitrite is used, it shall be added at the rate of 4 gal/cu yd (20 L/cu m) and shall be added to the mix immediately after all compatible admixtures have been introduced to the batch. Other corrosion inhibitors shall be added per the manufacturer's specifications."

Delete the third paragraph of Article 1020.05(b)(10) of the Standard Specifications.

Revise Article 1020.15(b)(1)c. of the Standard Specifications to read:

"c. The minimum portland cement content in the mixture shall be 375 lbs/cu yd (222 kg/cu m). When the total of organic processing additions, inorganic processing additions, and limestone addition exceed 5.0 percent in the cement, the minimum portland cement content in the mixture shall be 400 lbs/cu yd (237 kg/cu m). For a drilled shaft, foundation, footing, or substructure, the

minimum portland cement may be reduced to as low as 330 lbs/cu yd (196 kg/cu m) if the concrete has adequate freeze/thaw durability. The Contractor shall provide freeze/thaw test results according to AASHTO T 161, and the relative dynamic modulus of elasticity of the mix design shall be a minimum of 80 percent. Testing shall be performed by an independent laboratory accredited by AASHTO re:source for Portland Cement Concrete. Freeze/thaw testing will not be required for concrete that will not be exposed to freezing and thawing conditions as determined by the Engineer."

Revise Article 1021.01 of the Standard Specifications to read:

"1021.01 General. Admixtures shall be furnished in liquid or powder form ready for use. The admixtures shall be delivered in the manufacturer's original containers, bulk tank trucks or such containers or tanks as are acceptable to the Engineer. Delivery shall be accompanied by a ticket which clearly identifies the manufacturer, the date of manufacture, and trade name of the material. Containers shall be readily identifiable as to manufacturer, the date of manufacture, and trade name of the material they contain.

Concrete admixtures shall be on one of the Department's qualified product lists. Unless otherwise noted, admixtures shall have successfully completed and remain current with the AASHTO Product Eval and Audit Concrete Admixture (CADD) testing program. For admixture submittals to the Department; the product brand name, manufacturer name, admixture type or types, an electronic link to the product's technical data sheet, and the NTPEP testing number which contains an electronic link to all test data shall be provided. In addition, a letter shall be submitted certifying that no changes have been made in the formulation of the material since the most current round of tests conducted by AASHTO Product Eval and Audit. After 28 days of testing by AASHTO Product Eval and Audit, air-entraining admixtures may be provisionally approved and used on Departmental projects. For all other admixtures, unless otherwise noted, the time period after which provisionally approved status may be earned is 6 months.

The manufacturer shall include the following in the submittal to the AASHTO Product Eval and Audit CADD testing program: the manufacturing range for specific gravity, the midpoint and manufacturing range for residue by oven drying, and manufacturing range of pH. The submittal shall also include an infrared spectrophotometer trace no more than five years old.

For air-entraining admixtures according to Article 1021.02, the specific gravity allowable manufacturing range established by the manufacturer shall be according to AASHTO M 194. For residue by oven drying and pH, the allowable manufacturing range and test methods shall be according to AASHTO M 194.

For admixtures according to Articles 1021.03, 1021.04, 1021.05, 1021.06, 1021.07, and 1021.08, the pH allowable manufacturing range established by the manufacturer shall be according to ASTM E 70. For specific gravity and residue by oven drying, the allowable manufacturing range and test methods shall be according to AASHTO M 194.

All admixtures, except chloride-based accelerators, shall contain a maximum of 0.3 percent chloride by weight (mass) as determined by an appropriate test method. To verify the test result, the Department will use Illinois Modified AASHTO T 260, Procedure A, Method 1.

Prior to final approval of an admixture, the Engineer reserves the right to request a sample for testing. The test and reference concrete mixtures tested by the Engineer will contain a cement content of 5.65 cwt/cu yd (335 kg/cu m). For freeze-thaw testing, the Department will perform the test according to Illinois Modified AASHTO T 161. The flexural strength test will be performed according to AASHTO T 177. If the Engineer decides to test the admixture, the manufacturer shall submit AASHTO T 197 water content and set time test results on the standard cement used by the Department. The manufacturer may select their lab or an independent lab to perform this testing. The laboratory is not required to be accredited by AASHTO.

Random field samples may be taken by the Department to verify an admixture meets specification. A split sample will be provided to the manufacturer if requested. Admixtures that do not meet specification requirements or an allowable manufacturing range established by the manufacturer shall be replaced with new material."

Revise Article 1021.03 of the Standard Specifications to read:

"1021.03 Retarding and Water-Reducing Admixtures. The admixture shall be according to the following.

- (a) Retarding admixtures shall be according to AASHTO M 194, Type B (retarding) or Type D (water-reducing and retarding).
- (b) Water-reducing admixtures shall be according to AASHTO M 194, Type A.
- (c) High range water-reducing admixtures shall be according to AASHTO M 194, Type F (high range water-reducing) or Type G (high range water-reducing and retarding)."

Revise Article 1021.05 of the Standard Specifications to read:

"1021.05 Self-Consolidating Admixtures. Self-consolidating admixture systems shall consist of either a high range water-reducing admixture only or a high range water-reducing admixture combined with a separate viscosity modifying admixture. The one or two component admixture system shall be capable of producing a concrete that can flow around reinforcement and consolidate under its own weight without additional effort and without segregation.

High range water-reducing admixtures shall be according to AASHTO M 194, Type F.

Viscosity modifying admixtures shall be according to AASHTO M 194, Type S (specific performance)."

Revise Article 1021.06 of the Standard Specifications to read:

"1021.06 Rheology-Controlling Admixture. Rheology-controlling admixtures shall be capable of producing a concrete mixture with a lower yield stress that will consolidate easier for slipform applications used by the Contractor. Rheology-controlling admixtures shall be according to AASHTO M 194, Type S (specific performance)."

Revise Article 1021.07 of the Standard Specifications to read:

"1021.07 Corrosion Inhibitor. The corrosion inhibitor shall be according to one of the following.

- (a) Calcium Nitrite. Corrosion inhibitors shall contain a minimum 30 percent calcium nitrite by weight (mass) of solution and shall comply with either the requirements of AASHTO M 194, Type C (accelerating) or the requirements of ASTM C 1582. The corrosion inhibiting performance requirements of ASTM C 1582 shall not apply.
- (b) Other Materials. The corrosion inhibitor shall be according to ASTM C 1582.

For submittals requiring testing according to ASTM M 194, Type C (accelerating), the admixture shall meet the requirements of the AASHTO Product Eval and Audit CADD testing program according to Article 1021.01.

For submittals requiring testing according to ASTM C 1582, a report prepared by an independent laboratory accredited by AASHTO re:source for portland cement concrete shall be provided. The report shall show the results of physical tests conducted no more than five years prior to the time of submittal, according to applicable specifications. However, ASTM G 109 test information specified in ASTM C 1582 is not required to be from an independent accredited lab. All other information in ASTM C 1582 shall be from an independent accredited lab. Test data and other information required to be submitted to AASHTO Product Eval and Audit according to Article 1021.01, shall instead be submitted directly to the Department."

Add Article 1021.08 of the Standard Specifications as follows:

"1021.08 Other Specific Performance Admixtures. Other specific performance admixtures shall, at a minimum, be according to AASHTO M 194, Type S (specific performance). The Department also reserves the right to require other testing, as determined by the Engineer, to show evidence of specific performance characteristics.

Initial testing according to AASHTO M 194 may be conducted under the AASHTO Product Eval and Audit CADD testing program according to Article 1021.01, or by an independent laboratory accredited by AASHTO re:source for Portland Cement Concrete. In either case, test data and other information required to be submitted to AASHTO Product Eval and Audit according to Article 1021.01, shall also be submitted directly to the Department. The independent accredited lab report shall show the results of physical tests conducted no more than five years prior to the time of submittal, according to applicable specifications."

Revise Article 1024.01 of the Standard Specifications to read:

"1024.01 Requirements for Grout. The grout shall be proportioned by dry volume, thoroughly mixed, and shall have a minimum temperature of 50 °F (10 °C). Water shall not exceed the minimum needed for placement and finishing.

Materials for the grout shall be according to the following.

Item	Article/Section
(a) Cement	1001
(b) Water	1002
(c) Fine Aggregate	
(d) Fly Ash	1010
(e) Ground Granulated Blast Furnace (GGBF) Slag	1010
(f) Concrete Admixtures	

Revise Note 1 of Article 1024.02 of the Standard Specifications to read:

"Note 1. Nonshrink grout shall be according to Illinois Modified ASTM C 1107.

The nonshrink grout shall have a water-soluble chloride ion content of less than 0.40 lb/cu yd (0.24 kg/cu m). The test shall be performed according to ASTM C 1218, and the grout shall have an age of 28 to 42 days at the time of test. The ASTM C 1218 test shall be performed by an independent lab a minimum of once every five years, and the test results shall be provided to the Department. Mixing of the nonshrink grout shall be according to the manufacturer's specifications. The Department will maintain a qualified product list."

Revise Article 1029.02 of the Standard Specifications to read:

"1029.02 Materials. Materials shall be according to the following.

Item	Article/Section
(a) Cement	1001
(b) Fly Ash	
(c) Ground Granulated Blast Furnace (GGBF) Slag	
(d) Water	1002
(e) Fine Aggregate	1003
(f) Concrete Admixtures	1021
(g) Foaming Agent (Note 1)	

Note 1. The manufacturer shall submit infrared spectrophotometer trace and test results indicating the foaming agent meets the requirements of ASTM C 869 in order to be on the Department's qualified product list. Submitted data/results shall not be more than five years old."

Revise the second paragraph of Article 1103.03(a)(4) the Standard Specifications to read:

"The dispenser system shall provide a visual indication that the liquid admixture is actually entering the batch, such as via a transparent or translucent section of tubing or by independent check with an integrated secondary metering device. If approved by the Engineer, an alternate indicator may be used for admixtures dosed at rates of 25 oz/cwt (1630 mL/100 kg) or greater, such as accelerating admixtures, corrosion inhibitors, and viscosity modifying admixtures."

Revise the first two sections of Check Sheet #11 of the Supplemental Specifications and Recurring Special Provisions to read:

"<u>Description</u>. This work shall consist of filling voids beneath rigid and composite pavements with cement grout.

<u>Materials</u>. Materials shall be according to the following Articles of Division 1000 - Materials of the Standard Specifications:

Item	Article/Section
(a) Cement	1001
(b) Water	1002
(c) Fly Ash	1010
(d) Ground Granulated Blast Furnace (GGBF) Slag	1010
(e) Admixtures	
(f) Packaged Rapid Hardening Mortar or Concrete	1018"

Revise the third paragraph of Materials Note 2 of Check Sheet #28 of the Supplemental Specifications and Recurring Special Provisions to read:

"The Department will maintain a qualified product list of synthetic fibers, which will include the minimum required dosage rate. For the minimum required fiber dosage rate based on the Illinois Modified ASTM C 1609 test, a report prepared by an independent laboratory accredited by AASHTO re:source for Portland Cement Concrete shall be provided. The report shall show results of tests conducted no more than five years prior to the time of submittal."

80460

COMPENSABLE DELAY COSTS (BDE)

Effective: June 2, 2017 Revised: April 1, 2019

Revise Article 107.40(b) of the Standard Specifications to read:

- "(b) Compensation. Compensation will not be allowed for delays, inconveniences, or damages sustained by the Contractor from conflicts with facilities not meeting the above definition; or if a conflict with a utility in an unanticipated location does not cause a shutdown of the work or a documentable reduction in the rate of progress exceeding the limits set herein. The provisions of Article 104.03 notwithstanding, compensation for delays caused by a utility in an unanticipated location will be paid according to the provisions of this Article governing minor and major delays or reduced rate of production which are defined as follows.
 - (1) Minor Delay. A minor delay occurs when the work in conflict with the utility in an unanticipated location is completely stopped for more than two hours, but not to exceed two weeks.
 - (2) Major Delay. A major delay occurs when the work in conflict with the utility in an unanticipated location is completely stopped for more than two weeks.
 - (3) Reduced Rate of Production Delay. A reduced rate of production delay occurs when the rate of production on the work in conflict with the utility in an unanticipated location decreases by more than 25 percent and lasts longer than seven calendar days."

Revise Article 107.40(c) of the Standard Specifications to read:

- "(c) Payment. Payment for Minor, Major, and Reduced Rate of Production Delays will be made as follows.
 - (1) Minor Delay. Labor idled which cannot be used on other work will be paid for according to Article 109.04(b)(1) and (2) for the time between start of the delay and the minimum remaining hours in the work shift required by the prevailing practice in the area.
 - Equipment idled which cannot be used on other work, and which is authorized to standby on the project site by the Engineer, will be paid for according to Article 109.04(b)(4).
 - (2) Major Delay. Labor will be the same as for a minor delay.

Equipment will be the same as for a minor delay, except Contractor-owned equipment will be limited to two weeks plus the cost of move-out to either the

Contractor's yard or another job and the cost to re-mobilize, whichever is less. Rental equipment may be paid for longer than two weeks provided the Contractor presents adequate support to the Department (including lease agreement) to show retaining equipment on the job is the most economical course to follow and in the public interest.

(3) Reduced Rate of Production Delay. The Contractor will be compensated for the reduced productivity for labor and equipment time in excess of the 25 percent threshold for that portion of the delay in excess of seven calendar days. Determination of compensation will be in accordance with Article 104.02, except labor and material additives will not be permitted.

Payment for escalated material costs, escalated labor costs, extended project overhead, and extended traffic control will be determined according to Article 109.13."

Revise Article 108.04(b) of the Standard Specifications to read:

- "(b) No working day will be charged under the following conditions.
 - (1) When adverse weather prevents work on the controlling item.
 - (2) When job conditions due to recent weather prevent work on the controlling item.
 - (3) When conduct or lack of conduct by the Department or its consultants, representatives, officers, agents, or employees; delay by the Department in making the site available; or delay in furnishing any items required to be furnished to the Contractor by the Department prevents work on the controlling item.
 - (4) When delays caused by utility or railroad adjustments prevent work on the controlling item.
 - (5) When strikes, lock-outs, extraordinary delays in transportation, or inability to procure critical materials prevent work on the controlling item, as long as these delays are not due to any fault of the Contractor.
 - (6) When any condition over which the Contractor has no control prevents work on the controlling item."

Revise Article 109.09(f) of the Standard Specifications to read:

"(f) Basis of Payment. After resolution of a claim in favor of the Contractor, any adjustment in time required for the work will be made according to Section 108. Any adjustment in the costs to be paid will be made for direct labor, direct materials, direct equipment, direct jobsite overhead, direct offsite overhead, and other direct costs allowed by the resolution. Adjustments in costs will not be made for interest charges, loss of anticipated profit, undocumented loss of efficiency, home office overhead and unabsorbed overhead

other than as allowed by Article 109.13, lost opportunity, preparation of claim expenses and other consequential indirect costs regardless of method of calculation.

The above Basis of Payment is an essential element of the contract and the claim cost recovery of the Contractor shall be so limited."

Add the following to Section 109 of the Standard Specifications.

"109.13 Payment for Contract Delay. Compensation for escalated material costs, escalated labor costs, extended project overhead, and extended traffic control will be allowed when such costs result from a delay meeting the criteria in the following table.

Contract Type	Cause of Delay	Length of Delay	
Working Days	Article 108.04(b)(3) or Article 108.04(b)(4)	No working days have been charged for two consecutive weeks.	
Completion Date	Article 108.08(b)(1) or Article 108.08(b)(7)	The Contractor has been granted a minimum two week extension of contract time, according to Article 108.08.	

Payment for each of the various costs will be according to the following.

- (a) Escalated Material and/or Labor Costs. When the delay causes work, which would have otherwise been completed, to be done after material and/or labor costs have increased, such increases will be paid. Payment for escalated material costs will be limited to the increased costs substantiated by documentation furnished by the Contractor. Payment for escalated labor costs will be limited to those items in Article 109.04(b)(1) and (2), except the 35 percent and 10 percent additives will not be permitted.
- (b) Extended Project Overhead. For the duration of the delay, payment for extended project overhead will be paid as follows.
 - (1) Direct Jobsite and Offsite Overhead. Payment for documented direct jobsite overhead and documented direct offsite overhead, including onsite supervisory and administrative personnel, will be allowed according to the following table.

Original Contract Amount	Supervisory and Administrative Personnel
Up to \$5,000,000	One Project Superintendent
Over \$ 5,000,000 - up to \$25,000,000	One Project Manager, One Project Superintendent or Engineer, and One Clerk
Over \$25,000,000 - up to \$50,000,000	One Project Manager, One Project Superintendent, One Engineer, and

	One Clerk	
	One Project Manager,	
Over \$50,000,000	Two Project Superintendents,	
Over \$50,000,000	One Engineer, and	
	One Clerk	

- (2) Home Office and Unabsorbed Overhead. Payment for home office and unabsorbed overhead will be calculated as 8 percent of the total delay cost.
- (c) Extended Traffic Control. Traffic control required for an extended period of time due to the delay will be paid for according to Article 109.04.

When an extended traffic control adjustment is paid under this provision, an adjusted unit price as provided for in Article 701.20(a) for increase or decrease in the value of work by more than ten percent will not be paid.

Upon payment for a contract delay under this provision, the Contractor shall assign subrogation rights to the Department for the Department's efforts of recovery from any other party for monies paid by the Department as a result of any claim under this provision. The Contractor shall fully cooperate with the Department in its efforts to recover from another party any money paid to the Contractor for delay damages under this provision."

80384

HOT-MIX ASPHALT (BDE)

Effective: January 1, 2024 Revised: January 1, 2025

Revise the first and second paragraphs of Articles 1030.06(c)(2) of the Standard Specifications to read:

"(2) Personnel. The Contractor shall provide a QC Manager who shall have overall responsibility and authority for quality control. This individual shall maintain active certification as a Hot-Mix Asphalt Level II technician.

In addition to the QC Manager, the Contractor shall provide sufficient personnel to perform the required visual inspections, sampling, testing, and documentation in a timely manner. Mix designs shall be developed by personnel with an active certification as a Hot-Mix Asphalt Level III technician. Technicians performing mix design testing and plant sampling/testing shall maintain active certification as a Hot-Mix Asphalt Level I technician. The Contractor may provide a technician trainee who has successfully completed the Department's "Hot-Mix Asphalt Trainee Course" to assist in the activities completed by a Hot-Mix Asphalt Level I technician for a period of one year after the course completion date. The Contractor may also provide a Gradation Technician who has successfully completed the Department's "Gradation Technician Course" to run gradation tests only under the supervision of a Hot-Mix Asphalt Level II Technician. The Contractor shall provide a Hot-Mix Asphalt Density Tester who has successfully completed the Department's "Nuclear Density Testing" course to run all nuclear density tests on the job site."

Revise the second paragraph of Articles 1030.07(a)(11) and 1030.08(a)(9) of the Standard Specifications to read:

"When establishing the target density, the HMA maximum theoretical specific gravity (G_{mm}) will be based on the running average of four available Department test results for that project. If less than four G_{mm} test results are available, an average of all available Department test results for that project will be used. The initial G_{mm} will be the last available Department test result from a QMP project. If there is no available Department test result from a QMP project, the Department mix design verification test result will be used as the initial G_{mm} ."

Revise Article 1030.09(g)(2) of the Standard Specifications to read:

"(2) The Contractor shall complete split verification sample tests listed in the Limits of Precision table in Article 1030.09(h)(1)."

In the Supplemental Specifications, replace the revision for the end of the third paragraph of Article 1030.09(h)(2) with the following:

"When establishing the target density, the HMA maximum theoretical specific gravity (G_{mm}) will be the Department mix design verification test result."

Revise the tenth paragraph of Article 1030.10 of the Standard Specifications to read:

"Production is not required to stop after a test strip has been constructed."

80456

PERFORMANCE GRADED ASPHALT BINDER (BDE)

Effective: January 1, 2023

Revise Article 1032.05 of the Standard Specifications to read:

"1032.05 Performance Graded Asphalt Binder. These materials will be accepted according to the Bureau of Materials Policy Memorandum, "Performance Graded Asphalt Binder Qualification Procedure." The Department will maintain a qualified producer list. These materials shall be free from water and shall not foam when heated to any temperature below the actual flash point. Air blown asphalt, recycle engine oil bottoms (ReOB), and polyphosphoric acid (PPA) modification shall not be used.

When requested, producers shall provide the Engineer with viscosity/temperature relationships for the performance graded asphalt binders delivered and incorporated in the work.

(a) Performance Graded (PG) Asphalt Binder. The asphalt binder shall meet the requirements of AASHTO M 320, Table 1 "Standard Specification for Performance Graded Asphalt Binder" for the grade shown on the plans and the following.

Test	Parameter
Small Strain Parameter (AASHTO PP 113) BBR, ΔTc, 40 hrs PAV (40 hrs continuous or 2 PAV at 20 hrs)	-5 °C min.

(b) Modified Performance Graded (PG) Asphalt Binder. The asphalt binder shall meet the requirements of AASHTO M 320, Table 1 "Standard Specification for Performance Graded Asphalt Binder" for the grade shown on the plans.

Asphalt binder modification shall be performed at the source, as defined in the Bureau of Materials Policy Memorandum, "Performance Graded Asphalt Binder Qualification Procedure."

Modified asphalt binder shall be safe to handle at asphalt binder production and storage temperatures or HMA construction temperatures. Safety Data Sheets (SDS) shall be provided for all asphalt modifiers.

(1) Polymer Modification (SB/SBS or SBR). Elastomers shall be added to the base asphalt binder to achieve the specified performance grade and shall be either a styrene-butadiene diblock, triblock copolymer without oil extension, or a styrenebutadiene rubber. The polymer modified asphalt binder shall be smooth, homogeneous, and be according to the requirements shown in Table 1 or 2 for the grade shown on the plans.

Table 1 - Requirements for Styrene-Butadiene Copolymer (SB/SBS) Modified Asphalt Binders			
Test	Asphalt Grade SB/SBS PG 64-28 SB/SBS PG 70-22	Asphalt Grade SB/SBS PG 64-34 SB/SBS PG 70-28 SB/SBS PG 76-22 SB/SBS PG 76-28	
Separation of Polymer ITP, "Separation of Polymer from Asphalt Binder" Difference in °F (°C) of the softening point between top and bottom portions	4 (2) max.	4 (2) max.	
TESTS ON RESIDUE FROM ROLLING THIN FILM OVEN TEST (AASHTO T 240)			
Elastic Recovery ASTM D 6084, Procedure A, 77 °F (25 °C), 100 mm elongation, % 60 min. 70 min.			

Table 2 - Requirements for Styrene-Butadiene Rubber (SBR) Modified Asphalt Binders		
Test	Asphalt Grade SBR PG 64-28 SBR PG 70-22	Asphalt Grade SB/SBS PG 64-34 SB/SBS PG 70-28 SBR PG 76-22 SBR PG 76-28
Separation of Polymer		
ITP, "Separation of Polymer from Asphalt		
Binder"		
Difference in °F (°C) of the softening		
point between top and bottom portions	4 (2) max.	4 (2) max.
Toughness		
ASTM D 5801, 77 °F (25 °C),	440 (40 =)	440 (40 =)
20 in./min. (500 mm/min.), inlbs (N-m)	110 (12.5) min.	110 (12.5) min.
Tenacity		
ASTM D 5801, 77 °F (25 °C),	()	()
20 in./min. (500 mm/min.), inlbs (N-m)	75 (8.5) min.	75 (8.5) min.
TESTS ON RESIDUE FROM ROLLING THIN FILM OVEN TEST (AASHTO T 240)		
Elastic Recovery		
ASTM D 6084, Procedure A,		
77 °F (25 °C), 100 mm elongation, %	40 min.	50 min.

(2) Ground Tire Rubber (GTR) Modification. GTR modification is the addition of recycled ground tire rubber to liquid asphalt binder to achieve the specified performance grade. GTR shall be produced from processing automobile and/or truck tires by the ambient

grinding method or micronizing through a cryogenic process. GTR shall not exceed 1/16 in. (2 mm) in any dimension and shall not contain free metal particles, moisture that would cause foaming of the asphalt, or other foreign materials. A mineral powder (such as talc) meeting the requirements of AASHTO M 17 may be added, up to a maximum of four percent by weight of GTR to reduce sticking and caking of the GTR particles. When tested in accordance with Illinois Modified AASHTO T 27 "Standard Method of Test for Sieve Analysis of Fine and Coarse Aggregates" or AASHTO PP 74 "Standard Practice for Determination of Size and Shape of Glass Beads Used in Traffic Markings by Means of Computerized Optical Method", a 50 g sample of the GTR shall conform to the following gradation requirements.

Sieve Size	Percent Passing	
No. 16 (1.18 mm)	100	
No. 30 (600 µm)	95 ± 5	
No. 50 (300 µm)	> 20	

GTR modified asphalt binder shall be tested for rotational viscosity according to AASHTO T 316 using spindle S27. GTR modified asphalt binder shall be tested for original dynamic shear and RTFO dynamic shear according to AASHTO T 315 using a gap of 2 mm.

The GTR modified asphalt binder shall meet the requirements of Table 3.

Table 3 - Requirements for Ground Tire Rubber (GTR) Modified Asphalt Binders			
Test	Asphalt Grade GTR PG 64-28 GTR PG 70-22	Asphalt Grade GTR PG 76-22 GTR PG 76-28 GTR PG 70-28	
TESTS ON RESIDUE FROM ROLLING THIN FILM OVEN TEST (AASHTO T 240)			
Elastic Recovery ASTM D 6084, Procedure A, 77 °F (25 °C), 100 mm elongation, % 60 min. 70 min.			

(3) Softener Modification (SM). Softener modification is the addition of organic compounds, such as engineered flux, bio-oil blends, modified vegetable oils, glycol amines, and fatty acid derivatives, to the base asphalt binder to achieve the specified performance grade. Softeners shall be dissolved, dispersed, or reacted in the asphalt binder to enhance its performance and shall remain compatible with the asphalt binder with no separation. Softeners shall not be added to modified PG asphalt binder as defined in Articles 1032.05(b)(1) or 1032.05(b)(2).

An Attenuated Total Reflectance-Fourier Transform Infrared spectrum (ATR-FTIR) shall be collected for both the softening compound as well as the softener modified

asphalt binder at the dose intended for qualification. The ATR-FTIR spectra shall be collected on unaged softener modified binder, 20-hour Pressurized Aging Vessel (PAV) aged softener modified binder, and 40-hour PAV aged softener modified binder. The ATR-FTIR shall be collected in accordance with Illinois Test Procedure 601. The electronic files spectral files (in one of the following extensions or equivalent: *.SPA, *.SPG, *.IRD, *.IFG, *.CSV, *.SP, *.IRS, *.GAML, *.[0-9], *.IGM, *.ABS, *.DRT, *.SBM, *.RAS) shall be submitted to the Central Bureau of Materials.

Softener modified asphalt binders shall meet the requirements in Table 4.

Table 4 - Requirements for Softener Modified Asphalt Binders		
·	Asphalt Grade	
	SM PG 46-28	SM PG 46-34
Test	SM PG 52-28	SM PG 52-34
	SM PG 58-22	SM PG 58-28
	SM PG 64-22	
Small Strain Parameter (AASHTO PP 113)		
BBR, ΔTc, 40 hrs PAV (40 hrs	-5°C min.	
continuous or 2 PAV at 20 hrs)		
Large Strain Parameter (Illinois Modified		
AASHTO T 391) DSR/LAS Fatigue	≥ 54 %	
Property, Δ G* peak τ, 40 hrs PAV		
(40 hrs continuous or 2 PAV at 20 hrs)		

The following grades may be specified as tack coats.

Asphalt Grade	Use
PG 58-22, PG 58-28, PG 64-22	Tack Coat"

Revise Article 1031.06(c)(1) and 1031.06(c)(2) of the Standard Specifications to read:

"(1) RAP/RAS. When RAP is used alone or RAP is used in conjunction with RAS, the percentage of virgin ABR shall not exceed the amounts listed in the following table.

HMA Mixtures - RAP/RAS Maximum ABR % 1/ 2/			
Ndesign Binder Surface Polymer Modified Binder or Surface			
30	30	30	10
50	25	15	10
70	15	10	10
90	10	10	10

1/ For Low ESAL HMA shoulder and stabilized subbase, the RAP/RAS ABR shall not exceed 50 percent of the mixture.

- 2/ When RAP/RAS ABR exceeds 20 percent, the high and low virgin asphalt binder grades shall each be reduced by one grade (i.e. 25 percent ABR would require a virgin asphalt binder grade of PG 64-22 to be reduced to a PG 58-28).
- 3/ The maximum ABR percentages for ground tire rubber (GTR) modified mixes shall be equivalent to the percentages specified for SBS/SBR polymer modified mixes.
- (2) FRAP/RAS. When FRAP is used alone or FRAP is used in conjunction with RAS, the percentage of virgin asphalt binder replacement shall not exceed the amounts listed in the following table.

HMA Mixtures - FRAP/RAS Maximum ABR % 1/ 2/			
Ndesign	Binder	Surface	Polymer Modified Binder or Surface ^{3/}
30	55	45	15
50	45	40	15
70	45	35	15
90	45	35	15
SMA			25
IL-4.75			35

- 1/ For Low ESAL HMA shoulder and stabilized subbase, the FRAP/RAS ABR shall not exceed 50 percent of the mixture.
- 2/ When FRAP/RAS ABR exceeds 20 percent for all mixes, the high and low virgin asphalt binder grades shall each be reduced by one grade (i.e. 25 percent ABR would require a virgin asphalt binder grade of PG 64-22 to be reduced to a PG 58-28).
- 3/ The maximum ABR percentages for GTR modified mixes shall be equivalent to the percentages specified for SBS/SBR polymer modified mixes."

Add the following to the end of Note 2 of Article 1030.03 of the Standard Specifications.

"A dedicated storage tank for the ground tire rubber (GTR) modified asphalt binder shall be provided. This tank shall be capable of providing continuous mechanical mixing throughout and/or recirculation of the asphalt binder to provide a uniform mixture. The tank shall be heated and capable of maintaining the temperature of the asphalt binder at 300 °F to 350 °F (149 °C to 177 °C). The asphalt binder metering systems of dryer drum plants shall be calibrated with the actual GTR modified asphalt binder material with an accuracy of ± 0.40 percent."

REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES (BDE)

Effective: January 1, 2024 Revised: April 1, 2024

Revise the first paragraph of Article 669.04 of the Standard Specifications to read:

"669.04 Regulated Substances Monitoring. Regulated substances monitoring includes environmental observation and field screening during regulated substances management activities. The excavated soil and groundwater within the work areas shall be managed as either uncontaminated soil, hazardous waste, special waste, or non-special waste.

As part of the regulated substances monitoring, the monitoring personnel shall perform and document the applicable duties listed on form BDE 2732 "Regulated Substances Monitoring Daily Record (RSMDR)"."

Revise the first two sentences of the nineteenth paragraph of Article 669.05 of the Standard Specifications to read:

"The Contractor shall coordinate waste disposal approvals with the disposal facility and provide the specific analytical testing requirements of that facility. The Contractor shall make all arrangements for collection, transportation, and analysis of landfill acceptance testing."

Revise the last paragraph of Article 669.05 of the Standard Specifications to read:

"The Contractor shall select a permitted landfill facility or CCDD/USFO facility meeting the requirements of 35 III. Admin. Code Parts 810-814 or Part 1100, respectively. The Department will review and approve or reject the facility proposed by the Contractor based upon information provided in BDE 2730. The Contractor shall verify whether the selected facility is compliant with those applicable standards as mandated by their permit and whether the facility is presently, has previously been, or has never been, on the United States Environmental Protection Agency (U.S. EPA) National Priorities List or the Resource Conservation and Recovery Act (RCRA) List of Violating Facilities. The use of a Contractor selected facility shall in no manner delay the construction schedule or alter the Contractor's responsibilities as set forth."

Revise the first paragraph of Article 669.07 of the Standard Specifications to read:

"669.07 Temporary Staging. Soil classified according to Articles 669.05(a)(2), (b)(1), or (c) may be temporarily staged at the Contractor's option. All other soil classified according to Articles 669.05(a)(1), (a)(3), (a)(4), (a)(5), (a)(6), or (b)(2) shall be managed and disposed of without temporary staging to the greatest extent practicable. If circumstances beyond the Contractor's control require temporary staging of these latter materials, the Contractor shall request approval from the Engineer in writing.

Topsoil for re-use as final cover which has been field screened and found not to exhibit PID readings over daily background readings as documented on the BDE 2732, visual staining or

odors, and is classified according to Articles 669.05(a)(2), (a)(3), (a)(4), (b)(1), or (c) may be temporarily staged at the Contractor's option."

Add the following paragraph after the sixth paragraph of Article 669.11 of the Standard Specifications.

"The sampling and testing of effluent water derived from dewatering discharges for priority pollutants volatile organic compounds (VOCs), priority pollutants semi-volatile organic compounds (SVOCs), or priority pollutants metals, will be paid for at the contract unit price per each for VOCS GROUNDWATER ANALYSIS using EPA Method 8260B, SVOCS GROUNDWATER ANALYSIS using EPA Methods 8270C, or RCRA METALS GROUNDWATER ANALYSIS using EPA Methods 6010B and 7471A. This price shall include transporting the sample from the job site to the laboratory."

Revise the first sentence of the eight paragraph of Article 669.11 of the Standard Specifications to read:

"Payment for temporary staging of soil classified according to Articles 669.05(a)(1), (a)(3), (a)(4), (a)(5), (a)(6), or (b)(2) to be managed and disposed of, if required and approved by the Engineer, will be paid according to Article 109.04."

80455

SUBCONTRACTOR MOBILIZATION PAYMENTS (BDE)

Effective: November 2, 2017

Revised: April 1, 2019

Replace the second paragraph of Article 109.12 of the Standard Specifications with the

following:

"This mobilization payment shall be made at least seven days prior to the subcontractor starting work. The amount paid shall be at the following percentage of the amount of the subcontract reported on form BC 260A submitted for the approval of the subcontractor's work.

Value of Subcontract Reported on Form BC 260A	Mobilization Percentage
Less than \$10,000	25%
\$10,000 to less than \$20,000	20%
\$20,000 to less than \$40,000	18%
\$40,000 to less than \$60,000	16%
\$60,000 to less than \$80,000	14%
\$80,000 to less than \$100,000	12%
\$100,000 to less than \$250,000	10%
\$250,000 to less than \$500,000	9%
\$500,000 to \$750,000	8%
Over \$750,000	7%"

VEHICLE AND EQUIPMENT WARNING LIGHTS (BDE)

Effective: November 1, 2021 Revised: November 1, 2022

Add the following paragraph after the first paragraph of Article 701.08 of the Standard Specifications:

"The Contractor shall equip all vehicles and equipment with high-intensity oscillating, rotating, or flashing, amber or amber-and-white, warning lights which are visible from all directions. In accordance with 625 ILCS 5/12-215, the lights may only be in operation while the vehicle or equipment is engaged in construction operations."

80439

WORKING DAYS (BDE)

Effective: January 1, 2002

The Contractor shall complete the work within $\ 20\$ working days.

80071

GUIDE BRIDGE SPECIAL PROVISION INDEX/CHECK SHEET

Effective as of the: November 8, 2024 Letting

	<u>File Name</u>	<u>Title</u>	<u>Effective</u>	Revised
	GBSP4	Polymer Modified Portland Cement Mortar	June 7, 1994	April 1, 2016
	GBSP13	High-Load Multi-Rotational Bearings	Oct 13, 1988	June 28, 2024
	GBSP14	Jack and Remove Existing Bearings	Apr 20, 1994	April 13, 2018
	GBSP16	Jacking Existing Superstructure	Jan 11, 1993	April 13, 2018
	GBSP18	Modular Expansion Joint	May 19, 1994	Oct 27, 2023
	GBSP21	Cleaning and Painting Contact Surface Areas of Existing Steel	Jun 30, 2003	Oct 23, 2020
		Structures		
	GBSP25	Cleaning and Painting Existing Steel Structures	Oct 2, 2001	April 15, 2022
	GBSP26	Containment and Disposal of Lead Paint Cleaning Residues	Oct 2, 2001	Apr 22, 2016
	GBSP28	Deck Slab Repair	May 15, 1995	Feb 2, 2024
	GBSP29	Bridge Deck Microsilica Concrete Overlay	May 15, 1995	April 30, 2021
	GBSP30	Bridge Deck Latex Concrete Overlay	May 15, 1995	April 30, 2021
	GBSP31	Bridge Deck High-Reactivity Metakaolin (HRM) Conc Overlay	Jan 21, 2000	April 30, 2021
	GBSP33	Pedestrian Truss Superstructure	Jan 13, 1998	Oct 27, 2023
,	GBSP34	Concrete Wearing Surface	Jun 23, 1994	Oct 4, 2016
	GBSP45	Bridge Deck Thin Polymer Overlay	May 7, 1997	June 28, 2024
	GBSP53	Structural Repair of Concrete	Mar 15, 2006	Aug 9, 2019
-	GBSP55	Erection of Curved Steel Structures	Jun 1, 2007	4 " 4 = 0000
	GBSP59	Diamond Grinding and Surface Testing Bridge Sections	Dec 6, 2004	April 15, 2022
	GBSP60	Containment and Disposal of Non-Lead Paint Cleaning	Nov 25, 2004	April 22, 2016
	000004	Residues	1 4 0007	A '1 45 0000
	GBSP61	Slipform Parapet	Jun 1, 2007	April 15, 2022
	GBSP67	Structural Assessment Reports for Contractor's Means and Methods	Mar 6, 2009	Oct 5, 2015
	GBSP71	Aggregate Column Ground Improvement	Jan 15, 2009	Oct 15, 2011
	GBSP72	Bridge Deck Fly Ash or GGBF Slag Concrete Overlay	Jan 18, 2011	April 30, 2021
	GBSP78	Bridge Deck Construction	Oct 22, 2013	Dec 21, 2016
	GBSP79	Bridge Deck Grooving (Longitudinal)	Dec 29, 2014	Mar 29, 2017
	GBSP81	Membrane Waterproofing for Buried Structures	Oct 4, 2016	March 1, 2019
,	GBSP82	Metallizing of Structural Steel	Oct 4, 2016	Oct 20, 2017
	GBSP83	Hot Dip Galvanizing For Structural Steel	Oct 4, 2016	June 28, 2024
-	GBSP85	Micropiles	Apr 19, 1996	Oct 23, 2020
	GBSP86	Drilled Shafts	Oct 5, 2015	Oct 27, 2023
	GBSP87	Lightweight Cellular Concrete Fill	Nov 11, 2001	Apr 1, 2016
	GBSP88	Corrugated Structural Plate Structures	Apr 22, 2016	April 13, 2018
_	GBSP89	Preformed Pavement Joint Seal	Oct 4, 2016	March 24, 2023
	GBSP90	Three Sided Precast Concrete Structure (Special)	Dec 21, 2016	March 22, 2024
	GBSP91	Crosshole Sonic Logging Testing of Drilled Shafts	Apr 20, 2016	March 24, 2023
	GBSP92	Thermal Integrity Profile Testing of Drilled Shafts	Apr 20, 2016	March 24, 2023
1	GBSP93	Preformed Bridge Joint Seal	Dec 21, 2016	June 28, 2024
	GBSP94	Warranty for Cleaning and Painting Steel Structures	Mar 3, 2000	Nov 24, 2004
	GBSP96	Erection of Bridge Girders Over or Adjacent to Railroads	Aug 9, 2019	
	GBSP97	Folded/Formed PVC Pipeliner	April 15, 2022	
	GBSP98	Cured-in-Place Pipe Liner	April 15, 2022	
	GBSP99	Spray-Applied Pipe Liner	April 15, 2022	Oct 27 2022
,	GBSP100	Bar Splicers, Headed Reinforcement	Sept 2, 2022	Oct. 27, 2023
\parallel	GBSP101	Noise Abatement Wall, Ground Mounted	Dec 9, 2022	June 28, 2024
4	GBSP102	Noise Abatement Wall, Structure Mounted	Dec 9, 2022	June 28, 2024
	GBSP103	Noise Abatement Wall Anchor Rod Assembly	Dec 9, 2022	

LIST ADDITIONAL SPECIAL PROVISIONS BELOW

The following Guide Bridge Special Provisions have been incorporated into other specifications:

no lone wing Cardo Briago Opeciar i Tevicione nave been incorporated into carior opecinicatione.												
File Name	Title	Location										
GBSP12	Drainage System	SSRBC 523										
GBSP15	Three Sided Precast Concrete Structure	Superseded by GBSP90										
GBSP51	Pipe Underdrain for Structures	SSRBC 601										
GBSP56	Setting Piles in Rock	SSRBC 512										
GBSP75	Bond Breaker for Prestressed Concrete Bulb-T Beams	SSRBC 504										

							Ove	time								
Trade Title	Rg	Туре	С	Base	Foreman	M-F	Sa	Su	Hol	H/W	Pension	Vac	Trng	Other Ins	Add OT 1.5x owed	Add OT 2.0x owed
ASBESTOS ABT-GEN	All	ALL		42.54	44.54	1.5	1.5	2.0	2.0	9.75	21.87	0.00	0.80	0.00	3.75	7.50
ASBESTOS ABT-MEC	All	BLD		42.02	45.38	1.5	1.5	2.0	2.0	16.44	16.64	0.00	0.92		3.37	6.73
BOILERMAKER	All	BLD		45.23	48.23	1.5	1.5	2.0	2.0	7.07	24.29	0.00	2.19	0.00	0.00	0.00
BRICK MASON	All	BLD		45.01	46.01	1.5	1.5	2.0	2.0	12.86	18.63	0.00	1.33	0.00	0.00	0.00
CARPENTER	All	BLD		39.00	42.90	1.5	1.5	2.0	2.0	12.26	24.36	0.00	0.89		0.00	0.00
CARPENTER	All	HWY		40.28	42.03	1.5	1.5	2.0	2.0	12.89	25.12	0.00	0.94	0.00	0.00	0.00
CEMENT MASON	All	ALL		43.35	47.69	1.5	1.5	2.0	2.0	13.38	22.46	0.00	0.80	0.00	0.00	0.00
CERAMIC TILE FINISHER	All	BLD		41.66		1.5	1.5	2.0	2.0	12.45	14.27	0.00	1.25	0.00	0.00	0.00
COMMUNICATION TECHNICIAN	All	BLD		46.00	50.60	1.5	1.5	2.0	2.0	17.54	18.15	0.00	0.75	2.37	0.00	0.00
ELECTRIC PWR EQMT OP	All	ALL		57.47	68.20	1.5	1.5	2.0	2.0	9.22	16.09	0.00	0.57		0.00	0.00
ELECTRIC PWR GRNDMAN	All	ALL		39.05	68.20	1.5	1.5	2.0	2.0	8.67	10.93	0.00	0.39	0.00	0.00	0.00
ELECTRIC PWR LINEMAN	All	ALL		63.97	68.20	1.5	1.5	2.0	2.0	9.42	17.91	0.00	0.64	0.00	0.00	0.00
ELECTRIC PWR TRK DRV	All	ALL		40.98	68.20	1.5	1.5	2.0	2.0	8.73	11.48	0.00	0.41	0.00	0.00	0.00
ELECTRICIAN	N	BLD		55.60	60.60	1.5	1.5	2.0	2.0	18.13	22.92	0.00	1.35	5.40	0.00	0.00
ELECTRICIAN	S	BLD		48.10	52.91	1.5	1.5	2.0	2.0	8.85	12.70	0.00	0.72	0.00	1.08	2.16
ELEVATOR CONSTRUCTOR	All	BLD		57.99	65.24	2.0	2.0	2.0	2.0	16.27	21.36	4.64	0.80		0.00	0.00
GLAZIER	All	BLD		41.24	43.24	1.5	1.5	1.5	2.0	15.87	11.51	0.00	1.40	0.00	0.00	0.00
HEAT/FROST INSULATOR	All	BLD		56.02	59.38	1.5	1.5	2.0	2.0	16.44	19.88	0.00	0.92		4.99	9.97
IRON WORKER	All	ALL		49.40	54.34	2.0	2.0	2.0	2.0	14.61	26.15	0.00	1.10	0.00	0.00	0.00
LABORER	All	ALL		40.54	42.54	1.5	1.5	2.0	2.0	9.75	21.87	0.00	0.80	0.00	3.75	7.50
LABORER, SKILLED	All	ALL		40.54	42.54	1.5	1.5	2.0	2.0	9.75	21.87	0.00	0.80	0.00	3.75	7.50
LATHER	All	BLD		39.00	42.90	1.5	1.5	2.0	2.0	12.26	24.36	0.00	0.89		0.00	0.00
MACHINIST	All	BLD		60.39	64.39	1.5	1.5	2.0	2.0	11.43	9.95	1.85	1.47	0.00	0.00	0.00
MARBLE FINISHER	All	BLD		41.66		1.5	1.5	2.0	2.0	12.45	14.27	0.00	1.25	0.00	0.00	0.00
MARBLE MASON	All	BLD		45.01	46.01	1.5	1.5	2.0	2.0	12.45	15.90	0.00	1.30	0.00	0.00	0.00
MILLWRIGHT	All	BLD		51.09	56.20	1.5	1.5	2.0	2.0	12.53	20.25	0.00	0.83		0.00	0.00

OPERATING ENGINEER AII BLD 1 63.00 67.00 2.0 2.0 2.0 2.0 2.70 21.55 2.00 2.75 3.00 0	MILLWRIGHT	All	HWY		51.09	56.20	1.5	1.5	2.0	2.0	12.53	20.25	0.00	0.83		0.00	0.00
OPERATING ENGINEER AII BLD 3 59.15 67.00 2.0 2.0 2.0 2.0 2.0 2.10 2.155 2.00 2.75 0.00 0.00	OPERATING ENGINEER	All	BLD	1	63.00	67.00	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER AII BLD	OPERATING ENGINEER	All	BLD	2	61.70	67.00	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER AII BLD 5 65.00 67.00 2.0 2.0 2.0 2.0 2.470 21.55 2.00 2.75 0.00 0.00	OPERATING ENGINEER	All	BLD	3	59.15	67.00	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENCINEER AII BLD 6 66.00 67.00 2.0 2.0 2.0 2.0 2.470 21.55 2.00 2.75 0.00 0.00	OPERATING ENGINEER	All	BLD	4	57.40	67.00	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER All BLD 7 64-00 67-00 2.0 2.0 2.0 2.0 2.1 55 2.00 2.75 0.00 0.00 OPERATING ENGINEER All HWY 1 63-00 67-00 1.5 1.5 2.0 2.0 24.70 21.55 2.00 2.75 0.00 0.00 OPERATING ENGINEER All HWY 2 62.45 67.00 1.5 1.5 2.0 2.0 24.70 21.55 2.00 2.75 0.00 0.00 OPERATING ENGINEER All HWY 4 59.00 67.00 1.5 1.5 2.0 2.0 24.70 21.55 2.00 2.75 0.00 0.00 OPERATING ENGINEER All HWY 6 66.00 67.00 1.5 1.5 2.0 2.0 24.70 21.55 2.0 2.75 0.00 0.00 OPERATING ENGINEER	OPERATING ENGINEER	All	BLD	5	65.00	67.00	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
Departing engineer Ali	OPERATING ENGINEER	All	BLD	6	66.00	67.00	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
Departing engineer Ali	OPERATING ENGINEER	All	BLD	7	64.00	67.00	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER AII HWY 3 60.40 67.00 1.5 1.5 2.0 2.0 24.70 21.55 2.00 2.75 0.00 0.00	OPERATING ENGINEER	All	HWY	1	63.00	67.00	1.5	1.5	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	OPERATING ENGINEER	All	HWY	2	62.45	67.00	1.5	1.5	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER AIII HWY 5 57.80 67.00 1.5 1.5 2.0 2.0 24.70 21.55 2.00 2.75 0.00 0.00 OPERATING ENGINEER AII HWY 6 66.00 67.00 1.5 1.5 2.0 24.70 21.55 2.00 2.75 0.00 0.00 OPERATING ENGINEER AII HWY 7 64.00 67.00 1.5 1.5 2.0 24.70 21.55 2.00 2.75 0.00 0.00 0.00 PAINTER AII BLD 46.76 52.53 1.5 1.5 2.0 24.70 21.55 2.00 2.75 0.00 0.00 0.00 PAINTER - SIGNS AII BLD 46.76 52.53 1.5 1.5 2.0 2.0 18.20 16.81 10.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	OPERATING ENGINEER	All	HWY	3	60.40	67.00	1.5	1.5	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	OPERATING ENGINEER	All	HWY	4	59.00	67.00	1.5	1.5	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER AII HWY 7 64.00 67.00 1.5 1.5 2.0 2.0 24.70 21.55 2.00 2.75 0.00 0.00 PAINTER AII ALL 42.40 44.40 1.5 1.5 1.5 2.0 15.45 12.00 0.00 1.50 0.00 0.00 0.00 PAINTER - SIGNS AII BLD 46.76 52.53 1.5 1.5 2.0 2.0 16.81 0.00 0.00 0.00 0.00 PILEDRIVER AII BLD 39.25 43.18 1.5 1.5 2.0 2.0 12.26 24.36 0.00 0.00 0.00 0.00 PILEDRIVER AII HWY 41.28 43.03 1.5 1.5 2.0 2.0 12.89 25.12 0.00 0.94 0.00 0.00 PILEDRIVER AII BLD 58.50 61.50 1.5 1.5 2.0 2.0 15.15 22.85 </td <td>OPERATING ENGINEER</td> <td>All</td> <td>HWY</td> <td>5</td> <td>57.80</td> <td>67.00</td> <td>1.5</td> <td>1.5</td> <td>2.0</td> <td>2.0</td> <td>24.70</td> <td>21.55</td> <td>2.00</td> <td>2.75</td> <td></td> <td>0.00</td> <td>0.00</td>	OPERATING ENGINEER	All	HWY	5	57.80	67.00	1.5	1.5	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
PAINTER AII ALL 42.40 44.40 1.5 1.5 1.5 2.0 15.45 12.00 0.00 1.50 0.00 0.00 0.00 PAINTER - SIGNS AII BLD 46.76 52.53 1.5 1.5 1.5 2.0 2.0 8.20 16.81 0.00 0.00 0.00 0.00 0.00 PILEDRIVER AII BLD 39.25 43.18 1.5 1.5 1.5 2.0 2.0 12.26 24.36 0.00 0.89 0.00 0.00 0.00 PILEDRIVER AII BLD 58.50 61.50 1.5 1.5 2.0 2.0 12.89 25.12 0.00 0.94 0.00 0.00 0.00 PILEDRITER AII BLD 43.35 47.69 1.5 1.5 2.0 2.0 15.15 22.85 0.00 3.12 0.00 0.00 0.00 PILUMBER AII BLD 60.50 64.15 1.5 1.5 2.0 2.0 19.10 17.94 0.00 1.98 0.00 0.00 0.00 0.00 SHEETMETAL WORKER AII BLD 50.36 53.89 1.5 1.5 1.5 2.0 2.0 12.20 14.61 0.00 0.67 0.00 0.00 0.00 SPRINKLER FITTER AII BLD 50.51 53.76 1.5 1.5 2.0 2.0 12.42 24.15 0.00 1.34 0.00 0.00 0.00 0.00 STONE MASON AII BLD 45.01 46.01 1.5 1.5 1.5 2.0 2.0 12.45 14.27 0.00 1.33 0.00 0.00 0.00 1.00 11LE LAYER AII BLD 45.01 46.01 1.5 1.5 1.5 2.0 2.0 12.45 14.27 0.00 1.30 0.00 0.00 0.00 11LE MASON AII BLD 45.01 46.01 1.5 1.5 1.5 2.0 2.0 12.45 15.90 0.00 1.30 0.00 0.00 0.00 0.00 0.00 11LE MASON AII BLD 45.01 46.01 1.5 1.5 1.5 2.0 2.0 12.45 15.90 0.00 1.30 0.00 0.00 0.00 0.00 0.00 0.0	OPERATING ENGINEER	All	HWY	6	66.00	67.00	1.5	1.5	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
PAINTER - SIGNS All BLD 46.76 52.53 1.5 1.5 2.0 2.0 8.20 16.81 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	OPERATING ENGINEER	All	HWY	7	64.00	67.00	1.5	1.5	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
PILEDRIVER AII BLD 39.25 43.18 1.5 1.5 2.0 2.0 12.26 24.36 0.00 0.89 0.00 0.00 0.00 0.00 0.00 0.00	PAINTER	All	ALL	П	42.40	44.40	1.5	1.5	1.5	2.0	15.45	12.00	0.00	1.50	0.00	0.00	0.00
PILEDRIVER AII HWY 41.28 43.03 1.5 1.5 2.0 2.0 12.89 25.12 0.00 0.94 0.00 0.00 PIPEFITTER AII BLD 58.50 61.50 1.5 1.5 2.0 2.0 15.15 22.85 0.00 3.12 0.00 0.00 0.00 PLASTERER AII BLD 43.35 47.69 1.5 1.5 2.0 2.0 13.38 22.46 0.00 0.80 0.00 0.00 PLUMBER AII BLD 60.50 64.15 1.5 1.5 2.0 2.0 19.10 17.94 0.00 1.98 0.00 0.00 ROOFER AII BLD 39.50 42.00 1.5 1.5 2.0 2.0 12.20 14.61 0.00 0.67 0.00 0.00 SHEETMETAL WORKER AII BLD 50.36 53.89 1.5 1.5 2.0 2.0 12.42 24.15 0.00 1.34 0.00 0.00 SPRINKLER FITTER AII BLD 50.51 53.76 1.5 1.5 2.0 2.0 12.40 17.31 0.00 0.54 0.00 0.00 STONE MASON AII BLD 45.01 46.01 1.5 1.5 2.0 2.0 12.46 18.63 0.00 1.33 0.00 0.00 TERRAZZO FINISHER AII BLD 39.00 42.90 1.5 1.5 2.0 2.0 12.45 14.27 0.00 1.25 0.00 0.00 TILE LAYER AII BLD 39.00 42.90 1.5 1.5 2.0 2.0 12.45 15.90 0.00 1.30 0.00 0.00 TILE MASON AII BLD 45.01 46.01 1.5 1.5 2.0 2.0 12.45 15.90 0.00 1.30 0.00 0.00	PAINTER - SIGNS	All	BLD	П	46.76	52.53	1.5	1.5	2.0	2.0	8.20	16.81	0.00	0.00	0.00	0.00	0.00
PIPEFITTER AII BLD 58.50 61.50 1.5 1.5 2.0 2.0 15.15 22.85 0.00 3.12 0.00 0.00 0.00 PLASTERER AII BLD 43.35 47.69 1.5 1.5 2.0 2.0 13.38 22.46 0.00 0.80 0.00 0.00 0.00 PLUMBER AII BLD 60.50 64.15 1.5 1.5 2.0 2.0 19.10 17.94 0.00 1.98 0.00 0.00 0.00 0.00 0.00 SHEETMETAL WORKER AII BLD 50.36 53.89 1.5 1.5 2.0 2.0 12.42 24.15 0.00 1.34 0.00 0.00 0.00 0.00 SPRINKLER FITTER AII BLD 50.51 53.76 1.5 1.5 2.0 2.0 12.40 17.31 0.00 0.54 0.00 0.00 0.00 0.00 STONE MASON AII BLD 45.01 46.01 1.5 1.5 2.0 2.0 12.45 14.27 0.00 1.33 0.00 0.00 0.00 11LE LAYER AII BLD 39.00 42.90 1.5 1.5 1.5 2.0 2.0 12.45 15.90 0.00 1.30 0.00 0.00 0.00 11LE MASON AII BLD 45.01 46.01 1.5 1.5 2.0 2.0 12.45 15.90 0.00 1.30 0.00 0.00 0.00 11LE MASON AII BLD 45.01 46.01 1.5 1.5 2.0 2.0 12.45 15.90 0.00 1.30 0.00 0.00 0.00 0.00 0.00 0.0	PILEDRIVER	All	BLD	П	39.25	43.18	1.5	1.5	2.0	2.0	12.26	24.36	0.00	0.89		0.00	0.00
PLASTERER AII BLD 43.35 47.69 1.5 1.5 2.0 2.0 13.38 22.46 0.00 0.80 0.00 0.00 0.00 0.00 0.00 PLUMBER AII BLD 60.50 64.15 1.5 1.5 1.5 2.0 2.0 19.10 17.94 0.00 1.98 0.00 0.00 0.00 0.00 0.00 ROOFER AII BLD 39.50 42.00 1.5 1.5 2.0 2.0 12.20 14.61 0.00 0.67 0.00 0.00 0.00 0.00 0.00 SHEETMETAL WORKER AII BLD 50.36 53.89 1.5 1.5 1.5 2.0 2.0 12.42 14.61 0.00 1.34 0.00 0.00 0.00 0.00 0.00 SPRINKLER FITTER AII BLD 50.51 53.76 1.5 1.5 2.0 2.0 12.40 17.31 0.00 0.54 0.00 0.00 0.00 0.00 TERRAZZO FINISHER AII BLD 41.66 1.5 1.5 2.0 2.0 12.45 14.27 0.00 1.25 0.00 0.00 0.00 11LE LAYER AII BLD 45.01 46.01 1.5 1.5 2.0 2.0 12.45 14.27 0.00 1.30 0.00 0.00 0.00 0.00 0.00 0.00 11LE MASON AII BLD 45.01 46.01 1.5 1.5 2.0 2.0 12.45 15.90 0.00 1.30 0.00 0.00 0.00 0.00 0.00	PILEDRIVER	All	HWY	П	41.28	43.03	1.5	1.5	2.0	2.0	12.89	25.12	0.00	0.94		0.00	0.00
PLUMBER AII BLD 60.50 64.15 1.5 1.5 2.0 2.0 19.10 17.94 0.00 1.98 0.00 0.00 ROOFER AII BLD 39.50 42.00 1.5 1.5 2.0 2.0 12.20 14.61 0.00 0.67 0.00 0.00 0.00 SHEETMETAL WORKER AII BLD 50.36 53.89 1.5 1.5 2.0 2.0 12.42 24.15 0.00 1.34 0.00 0.00 0.00 SPRINKLER FITTER AII BLD 50.51 53.76 1.5 1.5 2.0 2.0 12.40 17.31 0.00 0.54 0.00 0.00 0.00 STONE MASON AII BLD 45.01 46.01 1.5 1.5 2.0 2.0 12.86 18.63 0.00 1.33 0.00 0.00 0.00 12 0.00	PIPEFITTER	All	BLD	П	58.50	61.50	1.5	1.5	2.0	2.0	15.15	22.85	0.00	3.12	0.00	0.00	0.00
ROOFER A BLD 39.50 42.00 1.5 1.5 2.0 2.0 12.20 14.61 0.00 0.67 0.00 0.00 0.00 SHEETMETAL WORKER A BLD 50.36 53.89 1.5 1.5 2.0 2.0 12.42 24.15 0.00 1.34 0.00 0.00 0.00 0.00 SPRINKLER FITTER A BLD 50.51 53.76 1.5 1.5 2.0 2.0 12.40 17.31 0.00 0.54 0.00 0.00 0.00 0.00 STONE MASON A BLD 45.01 46.01 1.5 1.5 2.0 2.0 12.86 18.63 0.00 1.33 0.00 0.00 0.00 0.00 0.00 0.0	PLASTERER	All	BLD	П	43.35	47.69	1.5	1.5	2.0	2.0	13.38	22.46	0.00	0.80	0.00	0.00	0.00
SHEETMETAL WORKER AII BLD 50.36 53.89 1.5 1.5 2.0 2.0 12.42 24.15 0.00 1.34 0.00 0.00 0.00 SPRINKLER FITTER AII BLD 50.51 53.76 1.5 1.5 2.0 2.0 12.40 17.31 0.00 0.54 0.00 0.00 0.00 STONE MASON AII BLD 45.01 46.01 1.5 1.5 2.0 2.0 12.86 18.63 0.00 1.33 0.00 0.00 0.00 0.00 TERRAZZO FINISHER AII BLD 41.66 1.5 1.5 2.0 2.0 12.45 14.27 0.00 1.25 0.00 0.00 0.00 TILE LAYER AII BLD 39.00 42.90 1.5 1.5 2.0 2.0 12.26 24.36 0.00 0.89 0.00 0.00 0.00 TILE MASON AII BLD 45.01 46.01 1.5 1.5 2.0 2.0 12.45 15.90 0.00 1.30 0.00 0.00 0.00	PLUMBER	All	BLD	П	60.50	64.15	1.5	1.5	2.0	2.0	19.10	17.94	0.00	1.98		0.00	0.00
SPRINKLER FITTER AII BLD 50.51 53.76 1.5 1.5 2.0 2.0 12.40 17.31 0.00 0.54 0.00 0.00 0.00 STONE MASON AII BLD 45.01 46.01 1.5 1.5 2.0 2.0 12.86 18.63 0.00 1.33 0.00 0.00 0.00 TERRAZZO FINISHER AII BLD 41.66 1.5 1.5 2.0 2.0 12.45 14.27 0.00 1.25 0.00 0.00 0.00 TILE LAYER AII BLD 39.00 42.90 1.5 1.5 2.0 2.0 12.26 24.36 0.00 0.89 0.00 0.00 TILE MASON AII BLD 45.01 46.01 1.5 1.5 2.0 2.0 12.45 15.90 0.00 1.30 0.00 0.00 0.00	ROOFER	All	BLD	П	39.50	42.00	1.5	1.5	2.0	2.0	12.20	14.61	0.00	0.67	0.00	0.00	0.00
STONE MASON AII BLD 45.01 46.01 1.5 1.5 2.0 2.0 12.86 18.63 0.00 1.33 0.00 0.00 0.00 TERRAZZO FINISHER AII BLD 41.66 1.5 1.5 2.0 2.0 12.45 14.27 0.00 1.25 0.00 0.00 TILE LAYER AII BLD 39.00 42.90 1.5 1.5 2.0 2.0 12.26 24.36 0.00 0.89 0.00 0.00 TILE MASON AII BLD 45.01 46.01 1.5 1.5 2.0 2.0 12.45 15.90 0.00 1.30 0.00 0.00	SHEETMETAL WORKER	All	BLD	П	50.36	53.89	1.5	1.5	2.0	2.0	12.42	24.15	0.00	1.34	0.00	0.00	0.00
TERRAZZO FINISHER AII BLD 41.66 1.5 1.5 2.0 2.0 12.45 14.27 0.00 1.25 0.00 0.00 0.00 1.12 III.E LAYER AII BLD 39.00 42.90 1.5 1.5 2.0 2.0 12.26 24.36 0.00 0.89 0.00 0.00 1.12 III.E MASON AII BLD 45.01 46.01 1.5 1.5 2.0 2.0 12.45 15.90 0.00 1.30 0.00 0.00 0.00	SPRINKLER FITTER	All	BLD	П	50.51	53.76	1.5	1.5	2.0	2.0	12.40	17.31	0.00	0.54	0.00	0.00	0.00
TILE LAYER AII BLD 39.00 42.90 1.5 1.5 2.0 2.0 12.26 24.36 0.00 0.89 0.00 0.00 TILE MASON AII BLD 45.01 46.01 1.5 1.5 2.0 2.0 12.45 15.90 0.00 1.30 0.00 0.00	STONE MASON	All	BLD	П	45.01	46.01	1.5	1.5	2.0	2.0	12.86	18.63	0.00	1.33	0.00	0.00	0.00
TILE MASON AII BLD 45.01 46.01 1.5 1.5 2.0 2.0 12.45 15.90 0.00 1.30 0.00 0.00 0.00	TERRAZZO FINISHER	All	BLD	П	41.66		1.5	1.5	2.0	2.0	12.45	14.27	0.00	1.25	0.00	0.00	0.00
	TILE LAYER	All	BLD		39.00	42.90	1.5	1.5	2.0	2.0	12.26	24.36	0.00	0.89		0.00	0.00
TRUCK DRIVER All ALL 1 45.29 49.65 1.5 1.5 2.0 2.0 17.11 8.06 0.00 0.25 0.00 0.00 0.00	TILE MASON	All	BLD		45.01	46.01	1.5	1.5	2.0	2.0	12.45	15.90	0.00	1.30	0.00	0.00	0.00
	TRUCK DRIVER	All	ALL	1	45.29	49.65	1.5	1.5	2.0	2.0	17.11	8.06	0.00	0.25	0.00	0.00	0.00

TRUCK DRIVER	All	ALL	2	45.88	49.65	1.5	1.5	2.0	2.0	17.11	8.06	0.00	0.25	0.00	0.00	0.00
TRUCK DRIVER	All	ALL	3	46.15	49.65	1.5	1.5	2.0	2.0	17.11	8.06	0.00	0.25	0.00	0.00	0.00
TRUCK DRIVER	All	ALL	4	46.54	49.65	1.5	1.5	2.0	2.0	17.11	8.06	0.00	0.25	0.00	0.00	0.00
TRUCK DRIVER	All	ALL	5	47.64	49.65	1.5	1.5	2.0	2.0	17.11	8.06	0.00	0.25	0.00	0.00	0.00
TRUCK DRIVER	All	O&C	1	36.23	39.72	1.5	1.5	2.0	2.0	17.11	8.06	0.00	0.25	0.00	0.00	0.00
TRUCK DRIVER	All	O&C	2	36.70	39.72	1.5	1.5	2.0	2.0	17.11	8.06	0.00	0.25	0.00	0.00	0.00
TRUCK DRIVER	All	O&C	3	36.92	39.72	1.5	1.5	2.0	2.0	17.11	8.06	0.00	0.25	0.00	0.00	0.00
TRUCK DRIVER	All	O&C	4	37.23	39.72	1.5	1.5	2.0	2.0	17.11	8.06	0.00	0.25	0.00	0.00	0.00
TRUCK DRIVER	All	O&C	5	38.11	39.72	1.5	1.5	2.0	2.0	17.11	8.06	0.00	0.25	0.00	0.00	0.00
TUCKPOINTER	All	BLD		45.01	46.01	1.5	1.5	2.0	2.0	12.86	18.63	0.00	1.33	0.00	0.00	0.00

<u>Legend</u>

Rg Region

Type Trade Type - All, Highway, Building, Floating, Oil & Chip, Rivers

C Class

Base Base Wage Rate

OT M-F Unless otherwise noted, OT pay is required for any hour greater than 8 worked each day, Mon through Fri. The number listed is the multiple of the base wage.

OT Sa Overtime pay required for every hour worked on Saturdays

OT Su Overtime pay required for every hour worked on Sundays

OT Hol Overtime pay required for every hour worked on Holidays

H/W Health/Welfare benefit

Vac Vacation

Trng Training

Other Ins Employer hourly cost for any other type(s) of insurance provided for benefit of worker.

Explanations LASALLE COUNTY

ELECTRICIANS (NORTH) - Townships of Mendota, Meriden, Earl, Adams, Troy Grove, Ophir, Northville, Freedom, Serena, Mission, Dimmick, Waltham, Wallace, Dayton, Rutland, Miller, Manlius, Peru, LaSalle, Utica, Ottawa, South Ottawa, Eden, Vermilion, Deer Park, Farm Ridge.

MILLWRIGHTS (EAST) - The Eastern 1/3 of the county (approx.).

The following list is considered as those days for which holiday rates of wages for work performed apply: New Years Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day, Christmas Day and Veterans Day in some classifications/counties.

Generally, any of these holidays which fall on a Sunday is celebrated on the following Monday. This then makes work performed on that Monday payable at the appropriate overtime rate for holiday pay. Common practice in a given local may alter certain days of celebration. If in doubt, please check with IDOL.

Oil and chip resealing (O&C) means the application of road oils and liquid asphalt to coat an existing road surface, followed by application of aggregate chips or gravel to coated surface, and subsequent rolling of material to seal the surface.

EXPLANATION OF CLASSES

ASBESTOS - GENERAL - removal of asbestos material/mold and hazardous materials from any place in a building, including mechanical systems where those mechanical systems are to be removed. This includes the removal of asbestos materials/mold and hazardous materials from ductwork or pipes in a building when the building is to be demolished at the time or at some close future date. ASBESTOS - MECHANICAL - removal of asbestos material from mechanical systems, such as pipes, ducts, and boilers, where the mechanical systems are to remain.

CERAMIC TILE FINISHER, MARBLE FINISHER, TERRAZO FINISHER

Assisting, helping or supporting the tile, marble and terrazzo mechanic by performing their historic and traditional work assignments required to complete the proper installation of the work covered by said crafts. The term "Ceramic" is used for naming the classification only and is in no way a limitation of the product handled. Ceramic takes into consideration most hard tiles.

COMMUNICATIONS TECHNICIAN

Installation, operation, inspection, maintenance, repair and service of radio, television, recording, voice, sound and vision production and reproduction, telephone and telephone interconnect, facsimile, equipment and appliances used for domestic, commercial, educational and entertainment purposes, pulling of wire through conduit but not the installation of conduit.

LABORER, SKILLED - BUILDING AND HIGHWAY

The skilled laborer building (BLD) and heavy & highway (HWY) classification shall encompass the following types of work, irrespective of the site of the work: flagging, caisson worker plus depth, gunnite nozzle men, lead man on sewer work, welders, cutter burners and torchmen, chain saw operator, paving breaker, jackhammer and drill operators, layout man and/or drainage tile layer, steel form setter - street and highway, air tamping hammerman, signal man on crane, concrete saw operator, concrete saw operator walk behind, screenman on asphalt pavers, front end man on chip spreader, laborers tending masons with hot material or where foreign materials are used, multiple concrete duct - leadman, luteman, asphalt raker, curb asphalt machine operator, ready mix scalemen (permanent, portable or temporary plant), laborers handling masterplate or similar materials, laser beam operator, coring machine operator, plaster tenders, underpinning and shoring of buildings, material selector when working with fire-brick or castable material, fire watch, signaling of all power equipment, tree topper or trimmer when in connection with construction, and diver tender.

MATERIAL TESTER/INSPECTOR I: Hand coring and drilling for testing of materials; field inspection of uncured concrete and asphalt.

MATERIAL TESTER/INSPECTOR II: Field inspection of welds, structural steel, fireproofing, masonry, soil, facade, reinforcing steel, formwork, cured concrete, and concrete and asphalt batch plants; adjusting proportions of bituminous mixtures.

OPERATING ENGINEERS - BUILDING

Class 1. Mechanic; Asphalt Plant; Asphalt Spreader; Autograde; Backhoes w/Caisson attachment; Batch Plant; Benoto (require 2 engineers); Boiler and Throttle Valve; Caisson Rigs; Central Redi-Mix Plant; Combination Back Hoe Front End-Loader Machine; Compressor and Throttle Valve; Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Paver over 27E cu. ft.; Concrete Paver 27E cu.ft. and under; Concrete Placer; Concrete Pump (Truck Mounted); Concrete Tower; Cranes, All; Cranes Hammerhead; Creter Crane; Spider Crane; Crusher, Stone, etc.; Derricks, All; Derricks, Traveling; Formless Curb and Gutter Machine; Grader, Elevating; Grouting Machines; Heavy Duty Self-Propelled Transporter or Prime Mover; Highlift Shovels or Front Endloader 2-1/4 yd. and over; Hoists, Elevators, outside type rack and pinion and similar machines; Hoists, One, Two and Three Drum; Hoists, Two Tugger One Floor; Hydraulic Backhoes; Hydraulic Boom Trucks; Hydro Vac (and similar equipment); Locomotives, All; Lubrication Technician; Manipulators; Motor Patrol; Pile Drivers and Skid Rig; Post Hole Digger; Pre-Stress Machine; Pump Cretes Dual Ram; Squeeze Cretes - Screw Type Pumps; Gypsum Bulker and Pump; Roto Mill Grinder; Scoops - Tractor Drawn; Slip-Form Paver; Straddle Buggies; Operation of Tieback Machine; Tournapull; Tractor with Boom and Side Boom; Trenching Machines.

Class 2. Boilers; Brick Forklift servicing seven (7) or more Brick Masons; Broom, All Power Propelled; Bulldozers; Concrete Mixer (Two Bag and Over); Conveyor, Portable; Forklift Trucks; Highlift Shovels or Front Endloaders under 2-1/4 yd; Hoists, Automatic; Hoists, inside Freight Elevators; Hoists, Sewer Dragging Machine; Hoists, Tugger Single Drum; Hydro Excavating (excluding hose work); Laser Screed; Rock Drill (self-propelled); Non Self-Loading Ejection Dump; Rock Drill (Truck Mounted); Rollers, All; Steam Generators; Tractors, All; Tractor Drawn Vibratory Roller; Winch Trucks with "A" Frame.

Class 3. Air Compressors; Combination - Small Equipment Operator; Generators; Heaters, Mechanical; Hoists, Inside Elevators - (Rheostat Manual Controlled); Hoists, Inside Elevators; Hydraulic Power Units (Pile Driving and Extracting); Lowboys; Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Pumps, Well Points; Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 4. Brick Forklift; Boom Trucks (Residential); Hoists, Inside Elevators push button with automatic doors; Oilers; Skidsteer Loaders; Vacuum Trucks (excluding hose work).

Class 5. Assistant Craft Foreman

Class 6. Mechanics and Welders

Class 7. Gradall

OPERATING ENGINEERS - HIGHWAY CONSTRUCTION

Class 1. Asphalt Plant; Asphalt Heater and Planer Combination; Asphalt Heater Scarfire; Asphalt Spreader; Autograder/Gomaco or other similar type machines: ABG Paver; Backhoes with Caisson Attachment; Belt Loader; Caisson Rigs; Car Dumper; Central Redi-Mix Plant; Combination Backhoe Front Endloader Machine; Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete

Paver over 27E cu. ft.; Concrete Placer; Concrete Tube Float; Cranes, all attachments; Cranes, Tower of all types; Creter Crane; Spider Crane; Crusher, Stone, etc.; Derricks, All; Derrick Boats; Derricks, Traveling; Dredges; Elevators, Outside Type Rack & Pinion and Similar Machines; Formless Curb and Gutter Machine; Grader, Elevating; Grader, Motor Grader, Motor Patrol, Auto Patrol, Form Grader, Pull Grader, Subgrader; Guard Rail Post Driver Truck Mounted; Heavy Duty Self-Propelled Transporter or Prime Mover; Hoists, One, Two and Three Drum; Hydraulic Backhoes; Locomotives, All; Backhoes with Shear Attachments; Lubrication Technician; Manipulators; Mucking Machine; Pile Drivers and Skid Rig; Pre-Stress Machine; Pump Cretes Dual Ram; Rock Drill-Crawler or Skid Rig; Rock Drill - Truck Mounted; Roto Mill Grinder; Slip-Form Paver; Snow Melters; Soil Test Drill Rig (Truck Mounted); Straddle Buggies; Hydraulic Telescoping Form (Tunnel); Operation of Tieback Machine; Tractor Drawn Belt Loader; Tractor Drawn Belt Loader with attached pusher; Tractor with Boom; Tractaire with Attachments; Transfer Barrier Transfer Machine; Trenching Machine; Truck Mounted Concrete Pump with Boom; Raised or Blind Hole Drills (Tunnel Shaft); Underground Boring and/or Mining Machine; Wheel Excavator; Widener (APSCO).

Class 2. Batch Plant; Bituminous Mixer; Boiler and Throttle Valve; Bulldozers; Car Loader Trailing Conveyors; Combination Backhoe Front Endloader Machine (less than 1 cu. yd. Backhoe Bucket or over or with attachments); Compressor and Throttle Valve; Compressor, Common Receiver (3); Concrete Breaker or Hydro Hammer; Concrete Grinding Machine; Concrete Mixer or Paver 7S Series to and including 27 cu. ft.; Concrete Spreader; Concrete Curing Machine, Burlap Machine, Belting Machine and Sealing Machine; Concrete Wheel Saw; Conveyor Muck Cars (Haglund or Similar Type); Drills, All; Finishing Machine - Concrete; Forklifts; Highlift Shovels or Front Endloader; Hoist - Sewer Dragging Machine; Hydraulic Boom Trucks (All Attachments); Hydro-Blaster (requires 2 operators; one being Class 4); Hydro Excavating (excluding hose work); Laser Screed; Locomotives, Dinky; Oil Distributor; Off-Road Hauling Units (Including Articulating); Non Self-Loading Ejection Dump; Pump Cretes; Squeeze Cretes - Screw Type Pumps, Gypsum Bulker and Pump; Roller, Asphalt; Rotary Snow Plows; Rototiller, Seaman, etc., Self-Propelled; Self-Propelled Compactor; Spreader - Chip - Stone, etc.; Scraper; Scraper - Prime Mover in Tandem; Tractors, Push, Pulling Sheeps Foot, Disc, Compactor, etc.; Tug Boats; Mechanic Welders working in permanent shop.

Class 3. Boilers; Brooms, All Power Propelled; Cement Supply Tender; Compressor, Common Receiver (2); Concrete Mixer (Two Bag and Over); Conveyor, Portable; Farm-Type Tractors Used for Mowing, Seeding, etc.; Grouting Machine; Hoists, Automatic; Hoists, All Elevators; Hoists, Tugger Single Drum; Jeep Diggers; Low Boys; Pipe Jacking Machine; Post-Hole Digger; Power Saw, Concrete Power Driven; Pug Mills; Rollers, other than asphalt; Seed and Straw Blower; Steam Generators; Stump Machine Heaters, Mechanical; Winch Trucks with "A" Frame; Work Boats; Tamper - Form - Motor Driven.

Class 4. Air Compressor; Brick Forklifts (Servicing Seven (7) or more Brick Masons; Combination - Small Equipment Operator; Directional Boring Machine; Generators; Heaters, Mechanical; Hydraulic Power Unit (Pile Driving, Extracting, or Drilling); Hydro-Blaster (requires 2 operators - one being class 2); Light Plants, All (1 through 5); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Pumps, Well Points; Tractaire; Vacuum Trucks (excluding hose work); Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 5. Brick Forklifts; Oilers; Skidsteer Loaders (All).

Class 6. Field Mechanics and Field Welders.

Class 7. Dowell Machine with Air Compressor; Gradall and machines of like nature.

TRUCK DRIVER - BUILDING, HEAVY AND HIGHWAY CONSTRUCTION Class 1. Drivers on 2 axle trucks hauling less than 9 ton. Air compressor and welding machines and brooms, including those pulled by separate units, truck driver helpers, warehouse employees, mechanic helpers, greasers and tiremen, pickup trucks when hauling materials, tools, or workers to and from and onthe-job site, and fork lifts up to 6,000 lb. capacity.

Class 2. Two or three axle trucks hauling more than 9 ton but hauling less than 16 ton. A-frame winch trucks, hydrolift trucks, vactor trucks or similar equipment when used for transportation purposes. Fork lifts over 6,000 lb. capacity, winch trucks, four axle combination units, and ticket writers.

Class 3. Two, three or four axle trucks hauling 16 ton or more. Drivers on water pulls, articulated dump trucks, mechanics and working forepersons, and dispatchers. Five axle or more combination units.

Class 4. Low Boy and Oil Distributors.

Class 5. Drivers who require special protective clothing while employed on hazardous waste work.

TRUCK DRIVER - OIL AND CHIP RESEALING ONLY.

This shall encompass laborers, workers and mechanics who drive contractor or subcontractor owned, leased, or hired pickup, dump, service, or oil distributor trucks. The work includes transporting materials and equipment (including but not limited to, oils, aggregate supplies, parts, machinery and tools) to or from the job site; distributing oil or liquid asphalt and aggregate; stock piling material when in connectin with the actual oil and chip contract. The Truck Driver (Oil & Chip Resealing) wage classification does not include supplier delivered materials.

Other Classifications of Work:

For definitions of classifications not otherwise set out, the Department generally has on file such definitions which are available. If a task to be performed is not subject to one of the classifications of pay set out, the Department will upon being contacted state which neighboring county has such a classification and provide such rate, such rate being deemed to exist by reference in this document. If no neighboring county rate applies to the task, the Department shall undertake a special determination, such special determination being then deemed to have existed under this determination. If a project requires these, or any classification not listed, please contact IDOL at 217-782-1710 for wage rates or clarifications.

LANDSCAPING

Landscaping work falls under the existing classifications for laborer, operating engineer and truck driver. The work performed by landscape plantsman and landscape laborer is covered by the existing classification of laborer. The work performed by landscape operators (regardless of equipment used or its size) is covered by the classifications of operating engineer. The work performed by landscape truck drivers (regardless of size of truck driven) is covered by the classifications of truck driver.