

79

August 1, 2025 Letting

Notice to Bidders, Specifications and Proposal



**Illinois Department
of Transportation**

**Contract No. 78B40
Various Counties
Section D9 ELECTRICAL REPAIR FY 26-1
Various Routes
District 9 Construction Funds**

Prepared by

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Checked by

(Printed by authority of the State of Illinois)



NOTICE TO BIDDERS

- 1. TIME AND PLACE OF OPENING BIDS.** Electronic bids are to be submitted to the electronic bidding system (iCX-Integrated Contractors Exchange). All bids must be submitted to the iCX system prior to 12:00 p.m. August 1, 2025 prevailing time at which time the bids will be publicly opened from the iCX SecureVault.
- 2. DESCRIPTION OF WORK.** The proposed improvement is identified and advertised for bids in the Invitation for Bids as:

**Contract No. 78B40
Various Counties
Section D9 ELECTRICAL REPAIR FY 26-1
Various Routes
District 9 Construction Funds**

Electrical repair and/or maintenance on various routes throughout District 9.

- 3. INSTRUCTIONS TO BIDDERS.** (a) This Notice, the invitation for bids, proposal and letter of award shall, together with all other documents in accordance with Article 101.09 of the Standard Specifications for Road and Bridge Construction, become part of the contract. Bidders are cautioned to read and examine carefully all documents, to make all required inspections, and to inquire or seek explanation of the same prior to submission of a bid.

(b) State law, and, if the work is to be paid wholly or in part with Federal-aid funds, Federal law requires the bidder to make various certifications as a part of the proposal and contract. By execution and submission of the proposal, the bidder makes the certification contained therein. A false or fraudulent certification shall, in addition to all other remedies provided by law, be a breach of contract and may result in termination of the contract.
- 4. AWARD CRITERIA AND REJECTION OF BIDS.** This contract will be awarded to the lowest responsive and responsible bidder considering conformity with the terms and conditions established by the Department in the rules, Invitation for Bids and contract documents. The issuance of plans and proposal forms for bidding based upon a prequalification rating shall not be the sole determinant of responsibility. The Department reserves the right to determine responsibility at the time of award, to reject any or all proposals, to readvertise the proposed improvement, and to waive technicalities.

By Order of the
Illinois Department of Transportation

Gia Biagi,
Secretary

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FOR
SUPPLEMENTAL SPECIFICATIONS
AND RECURRING SPECIAL PROVISIONS

Adopted January 1, 2024

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

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

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VARIOUS ROUTES
SECTION D9 ELECTRICAL REPAIR FY26-1
VARIOUS COUNTIES
CONTRACT NO. 78B40

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STATE OF ILLINOIS

SPECIAL PROVISIONS

The following Special Provisions supplement the "Standard Specifications for Road and Bridge Construction," adopted January 1, 2022, the latest edition of the "Manual on Uniform Traffic Control Devices for Streets and Highways," and the "Manual of Test Procedures for Materials" in effect on the date of invitation for bids, and the Supplemental Specifications and Recurring Special Provisions indicated on the Check Sheet included herein which apply to and govern the construction of Various Routes, Section D9 Electrical Repair FY26-1, Various Counties, Contract No. 78B40, and in case of conflict with any part or parts of said Specifications, the said Special Provisions shall take precedence and shall govern.

Various Routes
Section D9 Electrical Repair FY26-1
Various Counties
Contract No. 78B40

LOCATION OF IMPROVEMENT

Services will be performed within the geographical boundaries of District 9 which includes the following counties: Alexander, Franklin, Gallatin, Hamilton, Hardin, Jackson, Jefferson, Johnson, Massac, Perry, Pope, Pulaski, Saline, Union, White, and Williamson.

DESCRIPTION OF WORK

Work shall consist of repairing or replacing damaged electrical traffic control devices, repairing highway lighting outages, traffic signal re-lamping and cleaning, replacing loop detectors, modernizing existing electrical facilities, adding new facilities and providing electrical services that are requested at locations described in a department work order issued in compliance with this contract.

TRAFFIC CONTROL PLAN

During the entire construction period, the road shall be kept open to traffic as follows:

- (a) The highway shall be kept open to at least one lane of traffic at all times, and to two lanes of traffic to the greatest extent possible.
- (b) Access to all public roads and private entrances shall be maintained during all stages of the work.
- (c) Traffic may only be reduced to less than two lanes at the following locations at the indicated times. Limits are from the District Significant Location Map and limits should be verified. Failure to have the workers and equipment out of the work zone by 7:00 a.m. will result in the Contractor being charged \$1,000 for each hour over beginning at 7:01 a.m.

Interstate 64 between the Jefferson County/Washington County line to the I-64/I-57 northern split in Jefferson County

Monday thru Thursday 7pm – 7am

Friday 9pm - 7am

Sunday 9pm – 7am

Outside summer period (Memorial Day – Labor Day) and holidays as per 107.09 standard lane closures allowed from 7am to noon during peak hours but no workers or equipment can be present.

Interstate 57 between the I-64/I-57 northern split in Jefferson County to the I-57/I-24 Interchange in Williamson County

Monday thru Thursday

NB 7pm – 7am

SB 8pm - 7am

Illinois Route 13 between New Era Road (Carbondale) in Jackson County to IL 37 (Marion) in Williamson County

Monday thru Friday 7pm – 7am

Illinois Route 15 Between Davidson Avenue and 10th Street (Mt. Vernon) in Jefferson County

Monday thru Friday 7pm to 7am

Interstate 24 between US 45 and the Ohio River Bridge in Massac County

Monday thru Friday 7pm – 7am

Outside summer period (Memorial Day – Labor Day) and holidays as per 107.09 standard lane closures allowed from 7am to noon during peak hours but no workers or equipment can be present.

The Contractor shall utilize the proper traffic control and protection procedures required by applicable highway standards to properly protect its workmen and the motoring public, when work is being performed on or near the roadway. Traffic control and protection will not be paid for separately but shall be included in applicable pay items listed in this contract.

Night time work zone lighting will not be paid for separately but shall be included in the applicable pay items listed in this contract. The rectorized temporary pavement marking tape requirement shown on Standards 7010401 and 701422 shall be waived for this contract.

The traffic control standard recommended is based on the Department's estimate of the nature of work, duration and equipment required to perform the repairs. Any deviation must remain in compliance to the Standard Specifications for Road and Bridge Construction, Standard Specifications for Traffic control Items and the Manual on Uniform Traffic Control Devices, most recent edition and prior approval by the Department is required. Any highway standards required to properly perform the duties required by this contract not listed above shall be paid for in accordance with Article 109.04(b)(4) of the Standard Specifications.

STATUS OF UTILITIES TO BE ADJUSTED

NO UTILITIES TO BE ADJUSTED

The above represents the best information of the Department and is only included for the convenience of the bidder. The applicable provisions of Sections 102, 103, and Articles 105.07 and 107.20 of the Standard Specifications for Road and Bridge Construction shall apply.

If any utility adjustment or removal has not been completed when required by the Contractor's operation, the Contractor should notify the Engineer in writing. A request for an extension of time will be considered to the extent the Contractor's operations were affected.

Utility adjustments or relocations should not be required by this project. The Illinois Underground Utility Facilities Damage Prevention Act requires persons excavating to contact the one call system (J.U.L.I.E 800-892-0123 or 811) before digging.

COMPLETION DATE

The Contractor shall schedule his/her operations in order to complete all work orders issued, including all clean-up work and open all roadways to traffic on or before the term of the contract expires.

TERM OF CONTRACT

The term of this contract shall start on date of contract execution and end 365 calendar days later.

TERMINATION FOR CAUSE

The State may terminate this contract, in whole or in part, immediately upon notice to the Contractor if it is determined that the actions, or failure to act, of the Contractor, its agents, employees or subcontractors have caused or reasonably could cause jeopardy to health, safety or property. If Contractor fails to perform to the State's satisfaction any material requirement of this contract or is in violation of a material provision of this contract, the State shall provide written notice to the Contractor requesting that the breach or noncompliance be remedied within the

period of time specified in the State's written notice. If the breach or noncompliance is not remedied by that date, the State may either immediately terminate the contract without additional written notice or, enforce the terms and conditions of the contract, and in either event seek any available legal or equitable remedies and damages.

TERMINATION FOR CONVENIENCE

Following 30 days written notice, the State may terminate this contract in whole or in part without the payment of any penalty or incurring any further obligation to the Contractor. Following any such termination for convenience, the Contractor shall be entitled to compensation upon submission of invoices and proof of claim for services provided under the contract up to and including the date of termination.

WORK ORDERS

No work of any kind is to be performed by the Contractor, unless a work order authorizing the work has been issued by the Engineer. Requests for emergency service calls may be initiated, by the Department, with a telephone call, faxed message, or email and followed by a written work order authorizing the work. The work order shall show the date and time issuance, type of facility, location and a description of the service required or the problem reported, and pay item(s). The work order will indicate a department district contact and telephone number for the Contractor to contract with any questions regarding the work order.

If at the time of service being performed, additional work of a minor nature (not to exceed \$500) appears to be needed, the Contractor shall proceed with that work. If it appears that the additional work could result in a substantial addition or change to the current work order, the Contractor shall contact the Department's district contact before proceeding with the additional work.

The date and time the Contractor's work crew arrives at the location on the work order and the date and time the requested work is completed shall be noted on the Contractor's billing invoice submitted to the Department for payment. If the work is not completed on the first trip, the Contractor shall record on the invoice the arrival and departure dates and times for all subsequent work crews until the work order is completed.

The Contractor shall advise the Department's district contact upon arrival and departure of the site of all service calls and provide the status of work. The Contractor will be provided with an after hour's telephone number for the Department's district contact.

QUANTITIES

The quantities specified in this contract indicate the estimated amount of work required for the duration of this contract. This is merely an estimate to allow contractors to establish unit prices and permit the Department to determine the low bidder. It shall be understood that the unit prices of this contract shall prevail throughout the period of this contract regardless of the quantity.

PARTS AND MATERIALS

Parts and materials supplied by the Contractor, which have a retail value under \$25.00 per unit, shall be considered included in the contract, and no additional compensation is allowed.

If parts and materials are required to complete a work order and are not already considered included within an existing contract pay item, then the Contractor shall receive the actual cost for parts and materials supplied (including transportation charges paid by the Contractor). To this actual cost, a maximum of 15% will be added for invoice amounts up to \$2,500, 10% for invoice amounts from \$2,500 to \$5,000 and 5% for invoice amounts greater than \$5,000. The cost of all parts and materials shall be itemized on the invoice for each work order. The actual billing invoices from the suppliers of items greater than \$25.00 for any single unit must be submitted as documentation of parts and materials costs.

When such parts and materials are furnished by the Contractor, the material shall be of the best grade of its respective kind for the intended purpose. The Contractor is expected to make a good faith effort to purchase the parts and materials supplied by them at the lowest possible price. The transportation of the parts and materials to the location on the work order by the Contractor shall be considered included with the contract, and no additional compensation shall be paid (except for when a special piece of equipment is required to properly transport the items). All materials provided by the Contractor shall be new, unless otherwise stipulated, and in accordance with the standards specified.

The Department may request to the Contractor in writing to order parts and materials not to be installed by the Contractor. These parts and materials will be used by the Department in the repair and/or maintenance completed by the Department work force.

Parts and materials may be furnished by the Department when available and practical, unless otherwise specified by this contract. The transportation of department supplied parts and materials to the location on the work order by the Contractor shall be considered included with the contract, and no additional compensation shall be paid (except for when a special piece of equipment is required to properly transport the items). The Department, at its discretion, may expedite the repair of an installation. The Department reserves the right to deliver parts, materials, and equipment directly to the Contractor's shop or to the jobsite.

WARRANTIES FOR SUPPLIES AND SERVICES

Contractor warrants that the supplies furnished under this contract (a) will conform to the State's manufacturing standards, specifications, drawings, samples or descriptions furnished by the State, including but not limited to all specifications attached as exhibits hereto, (b) will be merchantable, of good quality and workmanship, free from defects for a period of twelve months or longer if specified in the writing, and fit and sufficient for the intended use (c) will comply with all federal and state laws, regulations and ordinances pertaining to the manufacturing, packing, labeling, sale and delivery of the supplies (d) will be of good title and be free and clear of all liens and encumbrances and (e) will not infringe any patent, copyright or other intellectual property rights of any third party. Contractor agrees to reimburse the State for any losses, costs, damages or expenses, including without limitations, reasonable attorney's fees and expenses, arising from

failure of the supplies to meet such warranties. Contractor shall insure that all manufacturers' warranties are transferred to the State and shall provide a copy of the warranty. These warranties shall be in addition to all other warranties, express, implied or statutory, and shall survive the State's payment, acceptance, inspection or failure to inspect the supplies.

CONTRACTOR REQUIREMENTS

The Contractor shall be available to respond to calls for service at all times, to include Saturdays, Sundays and holidays, to correct any malfunction of equipment or affect any temporary emergency repair to damaged equipment resulting from any cause.

The Contractor shall designate at least two responsible representatives of its organization of whom the Department may issue work orders and instructions. The Contractor shall provide necessary information (names and telephone numbers) of these representatives. One of these representatives shall be available at all times.

When the Contractor dispatches only one person to perform the work, that person will be an International Brotherhood of Electrical Workers journeyman, tradesman or equivalent. When the job requires more than one person, an apprentice or aid may accompany the journeyman.

The Contractor shall report the existence of any defective equipment, controls, and/or accessories which may require replacement or repairing. This information shall be given to the Department representative and shall include the location of the defective item and the impact on the project.

The Contractor will be required to perform the specified work with his/her own workforce. Subcontracting of work will not be allowed without prior approval from the Department. The Contractor must provide justification for subcontracting work when requesting approval. In the event subcontracting of work is approved, the Contractor will submit actual invoices and receipts or bills from the sub-contractor documenting the cost for labor, materials, supplies and components.

EQUIPMENT

The Contractor shall submit unit costs for equipment to be used in the execution of this contract. If the Department authorizes the Contractor to use a piece of machinery or equipment that does not have a contract unit price and is not considered incidental to the contract, payment shall be made in accordance with Article 109.04(b)(4) of the Standard Specifications.

All Contractor work crews shall be equipped with a cellular telephone to facilitate communications with work crews and to verify operating conditions of essential electrical facilities. If more than one vehicle is being used for a work order, only the crew leader will be required to be equipped with a cellular telephone. The Contractor shall provide the Department with the cellular telephone number being used in the execution of each work order. The Department reserves the rights to use the cellular telephone to contact a Contractor's work crew for their location and to request a report on the status of a work order. All costs associated with this requirement shall be included in the contract.

The time allowed for the equipment pay item included in this contract shall be the actual time the equipment is onsite at the work location (while work is underway). Equipment usage will be measured to the nearest 0.25 hour for each piece of equipment approved for use on the applicable work order. Equipment rates include (but are not limited to) the cost of fuel, oil, lubrication, supplies, small tools, necessary attachments, repairs, overhaul and maintenance of any kind, depreciation, storage, overhead, profits, insurance, and all incidentals.

This work will be paid for at the contract unit price per HOUR for PICK-UP TRUCK; TRUCK CRANE, BUCKET TRUCK FOR HIGHWAY LIGHTING; POLE TRAILER; or FLATBED TRAILER., BUCKET TRUCK (LENGTH LESS THAN 35 FEET) AND BUCKET TRUCK (LENGTH 35 TO 65 FEET).

JOURNEYMAN ELECTRICIAN

This unit shall be eligible for payment only when labor is performed onsite at appropriate work locations. Labor will be measured to the nearest 0.25 hour for each journeyman electrician approved for use on the applicable work order. Labor rates for journeyman electrician shall be inclusive of (but not limited to) all regular and premium time, insurance, benefits, overhead, and profit.

The journeyman electrician shall furnish all labor, tools, equipment, and other incidentals necessary or convenient to the successful completion of work orders and the carrying out of all duties and obligations imposed by the contract. Also, the journeyman electrician shall be required to carry a cellular telephone to facilitate communications with work crews and to verify operation conditions of essential intelligent transportations system facilities. The Department reserves the rights to use the cellular telephone to contact the journeyman electrician for his or her location and to request a report on the status of a work order. No additional compensation for cellular telephone expenses will be allowed.

This work will be paid for at the contract unit price per HOUR for JOURNEYMAN ELECTRICIAN.

APPRENTICE ELECTRICIAN

This unit shall be eligible for payment only when labor is performed onsite at appropriate work locations. Labor will be measured to the nearest 0.25 hour for each apprentice electrician approved for use on the applicable work order. Labor rates for apprentice electrician shall be inclusive of (but not limited to) all regular and premium time, insurance, benefits, overhead, and profit.

Apprentice electricians utilized as part of this contract must follow the criteria listed below:

1. All apprentice electricians shall work within the guidelines of the apprentice program.
2. Apprentice electricians may only be utilized for routine maintenance tasks included, but not limited to, traffic camera lens cleaning, filter cleaning and/or replacement, light post inspection and repair, and other various duties associated with routine maintenance. 3. Apprentice electricians will be allowed to respond to emergency calls to assist a journeyman electrician when needed.

4. Apprentice electricians must be directly supervised at all times by a qualified vendor representative.
5. The Department reserves the right to limit the number of apprentices used in execution of this contract.
6. The Department reserves the right to restrict work performed for this contract by apprentice electricians.

The apprentice electrician shall furnish all labor, tools, equipment, and other incidentals necessary or convenient to the successful completion of work orders and the carrying out of all duties and obligations imposed by the contract unless already provided by the journeyman electrician.

This work will be paid for at the contract unit price per HOUR for APPRENTICE ELECTRICIAN.

LABOR

This unit shall be eligible for payment only when labor is performed onsite at appropriate work locations. Labor will be measured to the nearest 0.25 hour for each person other than journeyman electrician or apprentice electrician (normally a laborer) approved for use on the applicable work order on items other than routine work items. Labor rates shall be inclusive of (but not limited to) all regular and premium time, insurance, benefits, overhead, and profit.

The laborer shall furnish all labor, tools, equipment, and other incidentals necessary or convenient to the successful completion of work orders and the carrying out of all duties and obligations imposed by the contract. Also, the laborer shall be required to carry a cellular telephone to facilitate communications with work crews. The Department reserves the rights to use the cellular telephone to contact the laborer for his or her location and to request a report on the status of a work order. No additional compensation for cellular telephone expenses will be allowed.

This work will be paid for at the contract unit price per HOUR for LABOR.

ARROWBOARDS AND ATTENUATORS

The arrowboards shall meet the requirements of Articles 701.15(i) and 1106.02. The attenuators shall meet the requirements of Articles 701.15(h) and 1106.02.

The time allowed shall be the actual time the arrowboard or attenuator is in use at the work locations. Labor will be measured to the nearest 0.25 hour for each arrowboard and/or attenuator approved for use on the applicable work order.

This work will be paid for at the contract unit price per HOUR for ARROWBOARD (TRAILER MOUNTED) or ATTENUATOR, CRASH (TRUCK MOUNTED).

ROUTINE WORK ITEMS

The following are considered routine work items and are detailed as described in their sections: Repair Highway Light Pole Knockdown, Replace Highway Light Pole Breakaway Device, Couplings; Replace Highway Light Pole Breakaway Device, Transformer Base; and Replace Traffic Signal Post Base Assembly.

REPAIR HIGHWAY LIGHT POLE KNOCKDOWN

This work consists of repairing a highway light pole knockdown at a location designated in a work order. This routine pay item shall be used to compensate the Contractor for all costs associated, except for the cost of all the parts and materials required to complete the work item. The unit price shall be inclusive of labor, equipment, transportation of workers and materials, and temporary traffic control required to properly complete the work item. This pay item shall include all travel expenses involved in completing the repair.

The Contractor shall respond within the specified time, as detailed in the Response Times provision, to clear the electrical circuit, install a Uni-Safe box to isolate the electrical cables, and remove any knockdown debris from the roadway and shoulder. Knockdown poles shall not be left on the roadway right of way while the Contractor is awaiting parts to complete the repair. If the initial knockdown callout is at night, on a weekend, or on a holiday, the Contractor may wait until the next working day to clear the pole from the right of way.

The parts and materials required to complete the repair shall be charged as detailed in the Parts and Materials provision. The required parts and materials shall be itemized on the Contractor's invoice. If a part is provided by the Department, the Contractor shall note this on the invoice. The Contractor shall not be eligible for any travel time reimbursement.

The Contractor is expected to complete the repair within five working days. The Contractor shall be responsible for notifying the Department if the requested knockdown repair cannot be completed within the allotted time.

This pay item shall be used for the repair of all highway light pole related knockdowns, including poles mounted on a foundation, median wall, or bridge parapet, and lighting controllers and service installations.

This work will be paid for at the contract unit price per EACH for REPAIR HIGHWAY LIGHT POLE KNOCKDOWN.

REPLACE HIGHWAY LIGHT POLE BREAKAWAY DEVICE, COUPLINGS

This work shall consist of the replacement of a highway light pole breakaway device, couplings at a location designated in a work order. This routine pay item shall be used to compensate the Contractor for all costs associated, except for the cost of all the parts and materials required to complete the work item. The unit price shall be inclusive of labor, equipment, transportation of workers and materials, and temporary traffic control required to properly complete the work item. This pay item shall include all travel expenses involved in completing the repair.

The parts and materials required to complete the repair shall be charged as detailed in the Parts and Materials provision. The required parts and materials shall be itemized on the Contractor's billing invoice. If a part is provided by the Department, the Contractor shall note this on the invoice.

This work shall consist of the removal and disposal of the existing breakaway and complete replacement in accordance with Section 838 of the Standard Specifications.

This work will be paid for at the contract unit price per EACH for REPLACE HIGHWAY LIGHT POLE BREAKAWAY DEVICE, COUPLING.

REPLACE HIGHWAY LIGHT POLE BREAKAWAY DEVICE, TRANSFORMER BASE

This work shall consist of the replacement of a highway light pole breakaway device, transformer base at a location designated in a work order. This routine pay item shall be used to compensate the Contractor for all costs associated, except for the cost of all the parts and materials required to complete the work item. The unit price shall be inclusive of labor, equipment, transportation of workers and materials, and temporary traffic control required to properly complete the work item. This pay item shall include all travel expenses involved in completing the repair.

The parts and materials required to complete the repair shall be charged as detailed in the Parts and Materials provision. The required parts and materials shall be itemized on the Contractor's billing invoice. If a part is provided by the Department, the Contractor shall note this on the invoice.

This work shall consist of the removal and disposal of the existing breakaway and complete replacement in accordance with Section 838 of the Standard Specifications.

This work will be paid for at the contract unit price per EACH for REPLACE HIGHWAY LIGHT POLE BREAKAWAY DEVICE, TRANSFORMER BASE.

REPLACE TRAFFIC SIGNAL POST BASE ASSEMBLY

This work shall consist of the replacement of a traffic signal post base assembly at a location designated in a work order. This routine pay item shall be used to compensate the Contractor for all costs associated, except for the cost of all the parts and materials required to complete the work item. The unit price shall be inclusive of labor, equipment, transportation of workers and materials, and temporary traffic control required to properly complete the work item. This pay item shall include all travel expenses involved in completing the repair.

The parts and materials required to complete the repair shall be charged as detailed in the Parts and Materials provision. The required parts and materials shall be itemized on the Contractor's billing invoice. If a part is provided by the Department, the Contractor shall note this on the invoice.

This work shall consist of the removal and disposal of the existing base assembly and complete replacement in accordance with Section 875 of the Standard Specifications.

This work will be paid for at the contract unit price per EACH for REPLACE TRAFFIC SIGNAL POST BASE ASSEMBLY.

KNOCKDOWN DEBRIS

The debris from damaged traffic signals, flashing beacons, and highway light poles shall remain the property of the Department. The Contractor shall transport knockdown debris to the Department's facility in Carbondale. This debris can be delivered after each knockdown repair or held at the Contractor's shop and delivered periodically to the Department's facility. The Contractor should notify the Department when knockdown debris is to be delivered, so personnel will be available to direct unloading.

Concrete rubble, broken glass, and other material of this type shall be disposed of by the Contractor at an approved site off of the state right of way.

This requirement shall be considered included in this contract, and no additional compensation shall be allowed.

KNOCKDOWN DOCUMENTATION

The Contractor shall provide the Department with photographs of all onsite knockdown debris to document the damage for third party claims. The photographs may be Polaroid-type instant pictures or digital images and should have the number of views necessary to properly detail the motorist caused damage. Three or more photographs are required for adequate documentation. Pole numbers or other identifying information should be included in the photographs as much as possible. The costs incurred by the Contractor to have the cameras and film available to their work crews to provide this documentation to the Department shall be considered included in the routine work item to repair the knockdown, and no additional compensation shall be allowed.

ANCHOR BOLT REPAIRS

Repairs to broken anchor bolts shall be made using rod couplings. The concrete around the broken anchor bolt shall be core drilled and removed to the depth necessary to accommodate the rod coupling. After the coupling is installed, the foundation shall be repaired with a suitable cement grout mixture. Anchor bolts shall not be welded. This work will be paid for as stated in the Parts and Materials provision.

TEST EQUIPMENT

The Contractor shall provide all of his or her own testing instruments, as required, to service the electrical facilities of the Department. The Contractor will be provided a copy of the procedure to be used to determine the integrity of inductive loop detectors. This procedure requires the Contractor to have proper electronic instruments to test the resistance, inductance, resistance to ground, and quality factor of a loop and lead-in circuit as per Article 801.13 of the Standard Specification.

When testing ITS equipment, the Contractor shall use the established procedures as defined by the manufacturer or standard practice to determine the integrity of equipment. The Department shall be provided with the testing procedures used upon request.

All required test equipment shall be considered included in the contract, and no additional compensation will be allowed.

SMALL TOOLS

Individual pieces of equipment not listed in the Department's Schedule of Average Annual Equipment Ownership Expense booklet and having a replacement value of \$1,000.00 or less shall be considered to be tools or small equipment, and no payment will be made for their use on this contract.

CONTROLLER SERVICE LOGS

Entries in service logs in traffic signal controller cabinets are to be made by the Contractor at the time any controller related servicing is performed. The date and time entered in the service log shall document when the serviceman arrived to begin work in the controller cabinet.

TRAFFIC SIGNS

When repairing a damaged traffic signal, flashing beacon, or highway lighting standard, the Contractor shall reinstall any traffic signs that were attached to the standard. If these signs are damaged to the extent they cannot be reused, the Contractor shall immediately notify the Department so that replacement signs can be installed.

NUMBERING SYSTEM

The Contractor shall maintain the Department's traffic signal and highway lighting numbering systems on all knockdowns. These numbers are to be used on all reports, correspondence, and billing invoices.

WAIVER OF LIEN

The Department may, at its discretion, require Waivers of Lien for materials or authorized subcontracted work prior to payment for any goods or services.

PROTECTIVE GEAR AND CLOTHING

The Contractor shall be responsible for providing their workmen any necessary protective gear or clothing which may be required in the execution of a work order. Such gear or clothing could include, but not be limited to, dust masks, breathing apparatus, electrically insulated gloves, protective gloves, and clothing for chemicals, etc. The cost to provide protective gear or clothing shall not be paid for separately but shall be considered included in this contract.

CONFINED SPACE ENTRY

The enclosed areas of bridge structures and pylons are considered to be confined spaces. The Contractor shall comply with all OSHA requirements relative to confined space entry. An oxygen deficient, toxic, explosive, or flammable atmosphere may exist within this confined space. Atmosphere testing shall be conducted prior to entry and continuously while employees are working within a confined space. The Contractor shall inform the Department of who will serve as the rescue responder in an emergency and what system will be used to notify the responder that an emergency exists. Compliance with this provision shall be considered included in this contract, and no additional compensation will be allowed.

INVOICES

The amount shown on each invoice shall be in accordance with the rates established in the Summary of Quantities section. Any invoices/bills issued by the Contractor to the Department pursuant to this contract shall be sent to the following address:

Illinois Department of Transportation District 9 / Bureau of Administration
Attn: Heath Barone.
P.O. Box 100
Carbondale, IL 62901.

Separate billing invoices shall be submitted by the Contractor for each individual work order. The Department will provide the Contractor a computer software database that shall be used by the Contractor to prepare the billing invoices.

By the 5th working day of each month, the Contractor shall submit the actual invoice, or an accurate estimate of cost for the work order, for services performed or assigned during the preceding month. The Contractor shall submit an invoice for each work order within two weeks after completion of the work.

The Contractor shall submit two copies of each invoice. All invoices shall contain the location of service, work order number, date work occurred, and, if applicable, a detail of the amount and cost of labor, equipment, and materials (either Department or Contractor supplied) utilized to complete the requested service, a description of the service performed, and the total cost of the work. For invoices requiring itemization, a subtotal for labor, equipment, and materials shall be shown. A copy of the work order shall accompany each invoice.

When apprentice electricians perform work for this contract, the Contractor shall submit the apprentice electricians on the job training hours and the corresponding work order(s) with the invoice(s).

Final payment will not be made until all services are completed and accepted by the Department.

For routine work items, the invoice shall also include the unit price for the routine work item, plus detailed information about any deficiencies which were found and corrected while performing the routine work item, and a listing and price for parts used other than those required by the routine work item description.

For non-routine work (regular work orders), labor and equipment usage shall be billed to the nearest quarter hour.

The Contractor shall also attach a copy of the invoice showing their cost for any parts or materials with a unit cost of \$25.00 or more. See the Parts and Materials provision of this contract for the definition of incidental parts and materials.

The Department shares the maintenance responsibilities of some traffic signal installations in this service area with municipalities. The Contractor shall send all invoices to the Department first. The Department will pay its share of the invoice and forward it to the respective municipality. The remaining portion of the invoice will then be paid to the Contractor by the municipality.

SCHEDULE OF WORK

Any work performed on state premises shall be done during the hours designated by the State and performed in a manner that does not interfere with the State and its personnel.

WARRANTIES FOR SUPPLIES AND SERVICES

Contractor warrants that the supplies furnished under this contract (a) will conform to the State's manufacturing standards, specifications, drawing, samples, or descriptions furnished by the State, including but not limited to all specifications attached as exhibits hereto, (b) will be merchantable, of good quality and workmanship, free from defects for a period of 12 months or longer if specified in writing, and fit and sufficient for the intended use (c) will comply with all federal and state laws, regulations, and ordinances pertaining to the manufacturing, packing, labeling, sale, and delivery of the supplies (d) will be of good title and be free and clear of all liens and encumbrances and (e) will not infringe any patent, copyright, or other intellectual property rights of any third party. Contractor agrees to reimburse the State for any losses, costs, damages, or expenses, including without limitations reasonable attorney's fees and expenses, arising from failure of the supplies to meet such warranties. Contractor shall ensure that all manufacturers' warranties are transferred to the State and shall provide a copy of the warranty. These warranties shall be in addition to all other warranties (express, implied, or statutory) and shall survive the State's payment, acceptance, inspection, or failure to inspect the supplies.

Contractor warrants that all services will be performed in a good and professional manner to industry standards by trained and competent personnel. Contractor shall monitor performances of each individual and shall reassign immediately any individual who is not performing to professional standards, who is not efficient or effective in performing the work of the contract, who is disruptive or not respectful of others in the workplace, or who in any way violates the contract or state policies.

EXPENSES

Unless otherwise agreed upon and stated herein, this contract does not allow for reimbursement of any expense incurred by the Contractor, including but not limited to telephone or other communications device, postage, copying, travel, transportation, lodging, food, and per diem.

TAX

Contractor shall not bill for any taxes unless accompanied by proof the State is subject to the tax. If necessary, Contractor may request the applicable agency's Illinois tax exemption number and federal tax exemption information.

PAYMENT TERMS AND CONDITIONS

By submitting an invoice, Contractor certifies that the supplies or services provided meet all requirements of the contract and the amount billed and expenses incurred are as allowed in the contract. Invoices for services performed and expenses incurred through June 30 of any year must be submitted to the State no later than July 31 of that year; otherwise, the Contractor may have to seek payment through the Illinois Court of Claims (30 ILCS 105/25). All invoices are subject to statutory offset (30 ILCS 210).

Payments, including late payment charges, will be paid in accordance with the State "Prompt Payment Act" (30 ILCS 540) and rules (74 Ill. Adm. Code 900) when applicable. Payments delayed at the beginning of the State's fiscal year (July and August payments) because of the appropriation process shall not be considered a breach.

FAILURE TO MEET RESPONSE TIME

Should the Contractor fail to respond and/or complete a work order on time, or such extended time as may have been allowed by the Department, a monetary deduction will be applied to monies due or that may become due to the Contractor. The value of the monetary deduction will be as follows:

For Level 1 (Emergency Service Calls:)

Work Order Amount	Monetary Deduction for Each 15 Minutes*
From \$0 to \$500	\$25
From \$501 to \$1000	\$50
From \$1001 and over	\$100

* After applicable response time expires

For Level 2 (Priority Non-Emergency Service Calls) and Level 3 (Routine Work Items:)

\$75.00 per day per work order

For the purpose of calculating the Level 2 and Level 3 monetary deduction, a day shall be any (or portion of) excluding the following:

- (a) When adverse weather at the field work site prevents work on the controlling item of a work order.
- (b) When job conditions at the field work site due to recent weather conditions prevent work on the controlling item of a work order.
- (c) When work on the controlling item has been suspended by an act or omission by the Department or Engineer.

CONTROL OF WORK

The Department will conduct frequent inspections of the respective systems and installations to determine if the servicing is being performed by the Contractor promptly and satisfactory, and in the manner specified in the contract.

The Contractor shall at all times provide a force of qualified personnel sufficient, in the opinion of the Department, to perform the work and specialized operations required and described herein. A working knowledge will be required in basic electrical circuits, solid state circuits, D.C. applications, field testing equipment, and local/national electrical codes. The Department shall be the sole judge as to the qualifications and credentials of the Contractor's personnel.

The Department reserves the right to require the Contractor to remove any employee from his/her assignment on the job site based upon conduct, carelessness, insubordination, incompetence, inefficiency, or any other conditions deemed to be contrary to the best interest of the State of Illinois.

The Department reserves the right to place maximum or minimum limits on the work force and/or equipment utilized by the Contractor to execute a work order. The Contractor's employees shall be prepared to cooperate with such inspections and shall provide whatever information is requested concerning the work in progress.

CONTRACTOR'S REPRESENTATIVE

The Contractor shall designate a service representative to serve as the key contact person for the Department in the execution of this contract. The service representative shall monitor the daily activities of the contract and be available to discuss and respond to any problems that may arise. The services of this person shall be included in the contract and no additional compensation shall be allowed.

ELECTRONIC MAIL AND FACSIMILE MACHINE

The Contractor shall have electronic mail receiving and sending capabilities and a fax machine available. The Department will utilize these communication mediums to reduce errors in communications and to send/receive work orders, receive daily contract work activity sheets, various drawings and estimate sheets as needed. This requirement shall be included in the contract and no additional compensation shall be allowed.

CONTRACTOR RESPONSIBILITY

When repairing a damaged highway lighting standard, the Contractor shall reinstall any existing pole identification signs which were attached to the standard. If these signs were damaged to the extent they cannot be reused, the Contractor shall immediately notify the Department so that replacement sign can be installed. This requirement shall be considered included with this contract and no additional compensation shall be allowed.

The Contractor shall be solely responsible for any damage to existing structures or to the right-of-way resulting from the operation of his equipment or employees while making repairs. The Contractor shall, at his/her own expense, restore any damage to a condition equal to that existing before the damage was done as directed by the department district contact.

UNDERGROUND FACILITIES

Before starting work at a repair site requiring excavation, the Contractor shall contact J.U.L.I.E. at phone number 1-800-892-0123 to facilitate the location of underground utilities. The Contractor shall also locate department lighting circuits, traffic signals, and other electrical facilities in areas of excavation and protect them.

Any damage to the underground facilities, caused by the Contractor shall be repaired to the satisfaction of the Department at the Contractor's expense, including temporary repairs which may be required to keep the facility operational while material is being obtained to make permanent repairs. Splicing of electric cable will not be allowed. Electric cable shall be replaced from pole to pole or controller.

BORROW AREAS, USE AREAS, AND/OR WASTE AREAS

Effective: November, 2009

In addition to the provisions contained in Article 107.22 of the Standard Specifications, any required submittal(s) to the District office shall require four copies sent for processing. All copies of pictures submitted shall be in color.

TRAFFIC SIGNAL LOCATIONS

For information only. Locations are subject to change.

COUNTY	TOWN	MARKED_ROUTE	SIDE_ROAD
Alexander	Cario	US 51/ILL 3	ILL 37
Franklin	West City	ILL 14	Central Ave/S Central Ave
Franklin	West City	ILL 14	I 57SB TO ILL 14/ILL 14 TO I 57SB
Franklin	West City	ILL 14	I 57NB TO ILL 14/ILL 14 TO I 57NB
Franklin	West City	ILL 14	N Du Quoin St/S Du Quoin St
Franklin	Benton	ILL 34	N McLeansboro St/S McLeansboro St
Franklin	West Frankfort	ILL 149	I 57SB TO ILL 149/ILL 149 TO I-57SB
Franklin	West Frankfort	ILL 149	I-57NB TO ILL 149/ ILL 149 TO I 57NB
Franklin	West Frankfort	ILL 149	ILL 37
Franklin	West Frankfort	ILL 149	N Emma St/S Emma St
Franklin	West Frankfort	ILL 149	N Jefferson St/S Jefferson St
Franklin	Benton	ILL 37	Petroff Rd/E Illinois St
Franklin	Benton	ILL 37	ILL 14
Franklin	West Frankfort	ILL 37	W. St Louis St
Hamilton	McLeansboro	ILL 242	ILL 142
Hamilton	McLeansboro	ILL 142	Main St
Jackson	Murphysboro	ILL 127/ILL 13	Industrial Park Rd
Jackson	Murphysboro	ILL 13/ILL 127/ILL 149-N	ILL 149/6th St
Jackson	Carbondale	US 51 SB (University Ave)	W Oak St
Jackson	Carbondale	US 51 SB (University Ave)	W College St
Jackson	Carbondale	US 51 SB (University Ave)	W Mill St
Jackson	Carbondale	US 51 (S Illinois Ave)	E Grand Ave
Jackson	Carbondale	US 51 (S Illinois Ave)	Lincoln Dr
Jackson	Carbondale	US 51 (S Illinois Ave)	E Pleasant Hill Rd/W Pleasant Hill Rd
Jackson	Carbondale	US 51	S Illinois Ave
Jackson	Carbondale	US 51	Old US 51/S Illinois Ave
Jackson	Carbondale	US 51 NB (S Illinois Ave)	Mill St/W Mill St
Jackson	Carbondale	US 51 NB (S Illinois Ave)	E College St/W College St
Jackson	Carbondale	US 51 NB (N Illinois Ave)	Oak St/W Oak St
Jackson	Murphysboro	ILL 13	14th St
Jackson	Murphysboro	ILL 13	13th St
Jackson	Murphysboro	ILL 13	11th St
Jackson	Murphysboro	ILL 127/ILL 149	ILL 149
Jackson	Murphysboro	ILL 13/ILL 127/ILL 149-S	ILL 149/Walnut St
Jackson	Murphysboro	ILL 13	N Williams St/S Williams St
Jackson	Murphysboro	ILL 13	Watson Rd

VARIOUS ROUTES
SECTION D9 ELECTRICAL REPAIR FY26-1
VARIOUS COUNTIES
CONTRACT NO. 78B40

Jackson	Murphysboro	ILL 13	Country Club Rd/Murdale Gardens Rd
Jackson	Carbondale	ILL 13	W Striegel Rd
Jackson	Carbondale	ILL 13	W Murphysboro Rd/New Era Rd
Jackson	Carbondale	ILL 13	N Emerald Ln/W Sycamore St
Jackson	Carbondale	ILL 13	N Glenview Dr
Jackson	Carbondale	ILL 13 EB (Walnut St)	S Oakland Ave
Jackson	Carbondale	ILL 13 EB (Walnut St)	S Poplar St
Jackson	Carbondale	ILL 13 EB (Walnut St)	US 51 SB (University Ave)
Jackson	Carbondale	ILL 13 EB (Walnut St)	US 51 NB (S Illinois Ave)
Jackson	Carbondale	ILL 13 EB (Walnut St)	S Washington St
Jackson	Carbondale	ILL 13 EB (Walnut St)	S Wall St
Jackson	Carbondale	ILL 13 EB (Walnut St)	S Lewis Ln
Jackson	Carbondale	ILL 13	E McKinney Ave
Jackson	Carbondale	ILL 13	N Giant City Rd
Jackson	Carbondale	ILL 13	N Reed Station Rd/S Reed Station Rd
Jackson	Carbondale	ILL 13 WB (Main St)	N Lewis Ln/S Lewis Ln
Jackson	Carbondale	ILL 13 WB (Main St)	N Wall St/S Wall St
Jackson	Carbondale	ILL 13 WB (Main St)	N Marion St/S Marion St
Jackson	Carbondale	ILL 13 WB (Main St)	N Washington St/S Washington St
Jackson	Carbondale	ILL 13 WB (Main St)	US 51 NB (N Illinois Ave/S Illinois Ave)
Jackson	Carbondale	ILL 13 WB (Main St)	US 51 SB (University Ave)
Jackson	Carbondale	ILL 13 WB (Main St)	N Poplar St/S Poplar St
Jackson	Carbondale	ILL 13 WB (Main St)	N Oakland Ave/S Oakland Ave
Jackson	Murphysboro	ILL 149	20th St
Jackson	Carbondale	Old ILL 13	N Giant City Rd/S Giant City Rd
Jefferson	Mt Vernon	ILL 15	Shilo Rd/CR-950 E
Jefferson	Mt Vernon	ILL 15	Davidson Ave
Jefferson	Mt Vernon	ILL 15	45th-Wells Bypass/Potomac Blvd
Jefferson	Mt Vernon	ILL 15	I-57 SB to IL 15 Ramp/IL to I-57 SB Ramp
Jefferson	Mt Vernon	ILL 15	I-57 NB to IL 15 Ramp/IL to I-57 NB Ramp
Jefferson	Mt Vernon	ILL 15	44th St
Jefferson	Mt Vernon	ILL 15	42nd St
Jefferson	Mt Vernon	ILL 15	W Crownview
Jefferson	Mt Vernon	ILL 15	34th St/S 34th St
Jefferson	Mt Vernon	ILL 15	30th St
Jefferson	Mt Vernon	ILL 15	N 27th St
Jefferson	Mt Vernon	ILL 15 E	S 12th St
Jefferson	Mt Vernon	ILL 15 E	ILL 37/S 10th St
Jefferson	Mt Vernon	ILL 15 E	S 9th St
Jefferson	Mt Vernon	ILL 15 W	N 9th St/S 9th St

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Jefferson	Mt Vernon	ILL 15 W	ILL 37/N 10th St
Jefferson	Mt Vernon	ILL 15 W	N 12th St/S 12th St
Jefferson	Mt Vernon	ILL 142	Continental Tire Entrance
Jefferson	Mt Vernon	ILL 37	Gaskins Ave/Oakland Ave
Jefferson	Mt Vernon	ILL 37	Jordan Ave
Jefferson	Mt Vernon	ILL 37	Newby Ave
Jefferson	Mt Vernon	ILL 37	Pekins Ave
Jefferson	Mt Vernon	ILL 37	ILL 142/ILL 148
Jefferson	Mt Vernon	ILL 37	Harrison St
Massac	Metropolis	US 45	5th St/Ferry St
Massac	Metropolis	US 45	E 12th St
Massac	Metropolis	US 45	Devers Rd
Massac	Metropolis	US 45	I 24EB TO US 45/US 45 TO I 24EB
Massac	Metropolis	US 45	I 24WB TO US 45/US 45 TO I 24WB
Massac	Metropolis	US 45	Market St
Perry	DuQuoin	US 51	Poplar St/E Poplar St
Perry	DuQuoin	US 51	Grant Way
Perry	DuQuoin	US 51	Howelman Drive/South Entrance
Saline	Harrisburg	US 45/ILL 34	W Sloan St
Saline	Harrisburg	US 45/ILL 34	ILL 145
Saline	Harrisburg	ILL 13	Old ILL 13
Saline	Harrisburg	ILL 13	ILL 34
Saline	Harrisburg	ILL 13/ILL 34	US 45
Saline	Harrisburg	US 45	Small St
Saline	Harrisburg	US 45	Seright St
Saline	Harrisburg	US 45/ILL 34	Poplar St
Saline	Eldorado	ILL 142	US 45
Saline	Harrisburg	Old ILL 13	Old ILL 34/Old ILL 13 Poplar St
Union	Anna	ILL 146	E Jefferson St/W Jefferson St
Union	Anna	ILL 146	E Davie St/W Davie St
Union	Anna	ILL 146	Springfield Ave
Union	Anna	ILL 146	US 51
Union	Anna	ILL 146	Leigh Dr
White	Carmi	ILL 1/ILL 14	Walnut St
White	Carmi	ILL 1/ILL 14	Staley St
White	Carmi	ILL 1/ILL 14	Main Cross St
White	Carmi	ILL 1/ILL 14	First St/Church St
White	Carmi	ILL 1	5th St/Plum St
White	Carmi	ILL 1	April Ave/Fairground Rd
White	Carmi	ILL 1	Industrial Ave
White	Carmi	ILL 1	ILL 14

VARIOUS ROUTES
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Williamson	Marion	Old 13/W Main St	W Main St to I57 SB Ramp
Williamson	Marion	Old 13/W Main St	W Main St to I-57 NB Ramp
Williamson	Carterville	ILL 13	Spillway Rd
Williamson	Carterville	ILL 13	Greenbriar Rd
Williamson	Carterville	ILL 13	Division St
Williamson	Marion	ILL 13	ILL 148
Williamson	Marion	ILL 13	Terminal Dr
Williamson	Marion	ILL 13	N Pentecost Dr
Williamson	Marion	ILL 13	Bainbridge Trail/Redco Dr
Williamson	Marion	ILL 13	Skyline Dr
Williamson	Marion	ILL 13	N Sinclair Dr
Williamson	Marion	ILL 13	Walton Way/Williamson Co Parkway
Williamson	Marion	ILL 13	Halfway Rd
Williamson	Marion	ILL 13	I-57 Interchange
Williamson	Marion	ILL 13	Carbon St/N Carbon St
Williamson	Marion	ILL 13	Russell St
Williamson	Marion	ILL 13	ILL 37/N Court St
Williamson	Marion	ILL 13	State St/Spillertown Rd
Williamson	Marion	ILL 13	Fair St/N Fair St
Williamson	-	ILL 13	ILL 166/Pittsburg Rd
Williamson	Herrin	ILL 148	Park Ave/E. Herrin St
Williamson	Herrin	ILL 148	Madison St
Williamson	Herrin	ILL 148	Monroe St
Williamson	Herrin	ILL 148	Cherry St
Williamson	Herrin	ILL 148	W Harrison St/E Harrison St
Williamson	Herrin	ILL 148	W Maple St/E Lyerla Dr
Williamson	Herrin	ILL 148	W Poplar St/E Poplar St
Williamson	Herrin	ILL 148	Stotlar St/E Stotlar St
Williamson	Herrin	ILL 148	W Clark Trail/E Clark Trail
Williamson	Energy	ILL 148	College St
Williamson	Energy	ILL 148	Carterville Blacktop/McCree Rd
Williamson	Marion	ILL 148	Old 13/W Main St
Williamson	Johnston City	ILL 37	Broadway Blvd
Williamson	Marion	ILL 37	W Boulevard St
Williamson	Marion	ILL 37	Old 13/W Main St
Williamson	Marion	ILL 37	W Boyton St/W Hendrickson St
Jefferson	Mt Vernon	Veterans - Local	34th St
Williamson	Marion	Main St - Local	Carbon St
Williamson	Marion	Main St - Local	Russell St
Williamson	Marion	Main St - Local	Halfway Rd
Williamson	Marion	Halfway Rd - Local	17th St

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Williamson	Marion	Williamson Co Parkway - Local	17th St
Jackson	Carbondale	Grand Ave Carbondale -Local	Wall St
Jackson	Carbondale	Grand Ave Carbondale -Local	Giant City Rd
Jackson	Carbondale	Mill St - Carbondale - Local	Wall St

HIGHWAY LIGHTING LOCATIONS

For information only. Locations are subject to change.

ALEXANDER	LOCATION	DESCRIPTION	TYPE
US 51-60-62	S. OF CAIRO	250W HPS MULTI MT	STEEL 45' TENON
US 51/IL 3 @ IL 37	N. OF CAIRO	250W HPS MULTI MT	ALUM 43' TENON
IL 3 @ I-57	N. OF CAIRO	250W HPS MULTI MT	ALUM 43' TENON
IL 3 @ IL 146	CAPE "T"	250W HPS MULTI MT	STEEL 45' TENON
IL 3 REST AREA	S. OF MCCLURE	250W HPS HORZ MT	METAL POLE
FRANKLIN	LOCATION	DESCRIPTION	TYPE
IL 149 @ I-57 (EAST SIDE)	W.F. PUMPHOUSE	250W HPS MULTI MT	STEEL 45' TENON
IL 37 @ ST. LOUIS ST.	W.F.	LIGHTS	METAL POLES
IL 14 @ I-57 (WEST SIDE)	WEST CITY	250W HPS MULTI MT	STEEL 45' TENON
IL 37 @ PETROFF RD.	BENTON	LIGHTS	METAL POLES
IL 14	WEST CITY, W. OF MAINT. YARD	250W HPS MULTI MT	STEEL 45' TENON
NB I-57 REST AREA	N. OF BENTON	400W HPS TOWER MT	TOWER 80'
NB I-57 REST AREA	N. OF BENTON	250W HPS MULTI MT	STEEL 45' TENON
SB I-57 REST AREA	REND LAKE	250W HPS MULTI MT	STEEL 45' TENON
SB I-57 REST AREA	REND LAKE	250W HPS MULTI MT	STEEL 45' TENON
IL 154 @ I-57 (WEST SIDE)	REND LAKE	250W HPS MULTI MT	STEEL 45' TENON
IL 154 @ I-57 (EAST SIDE)	REND LAKE	250W HPS MULTI MT	STEEL 45' TENON
IL 154 @ IL 37	REND LAKE	250W HPS MULTI MT	STEEL 45' TENON
IL 14 @ IL 184	MULKEYTOWN	LIGHT ON MAST ARM	WOOD POLE
GALLATIN	LOCATION	DESCRIPTION	TYPE
IL 13 @ IL 142	(ALL WAY STOP) EQUALITY	250W HPS MULTI MT	STEEL 45' TENON
IL 1 @ IL 13	(ALL WAY STOP) JUNCTION	250W HPS HORZ MT	ALUM 46'/15' MAST ARM
HAMILTON	LOCATION	DESCRIPTION	TYPE
IL 142 @ GOLF COURSE RD.	MCLEANSBORO	LIGHTS ON MAST ARM	METAL POLES W/ MAST ARM

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HARDIN	LOCATION	DESCRIPTION	TYPE
IL 146 @ IL 34	HUMMS WYE, SHELTERVILLE BLKTOP	LIGHTS ON MAST ARM	WOOD POLE
IL 146 @ IL 1	N. OF CAVE-IN- ROCK	LIGHTS ON MAST ARM	WOOD POLE
IL 146 @ IL 34	ROSICALRE SPUR	LIGHT	WOOD POLE
JACKSON	LOCATION	DESCRIPTION	TYPE
IL 3 @ IL 149	W. OF GRIMSBY	250W HPS MULTI MT	STEEL 45' TENON
IL 13/127 @ IL 149	MURPHYSBORO	LIGHTS	METAL POLES
IL 127 @ IL 149 (5TH ST.)	MURPHYSBORO	250W HPS MULTI MT	COMB MASTARM TENON
IL 13/127 @ 149 (6TH ST.)	MURPHYSBORO	250W HPS MULTI MT	STEEL 45' TENON
IL 13/127 @ AVA ROAD	G'PA JOHNS M'BORO (BUSSINESS 13)	250W HPS MULTI MT	STEEL 45' TENON
IL 13/127 @ IL 4	N. OF MURPHYSBORO	250W HPS MULTI MT	STEEL 45' TENON
IL 13	M'BORO (WILLIAMS ST. - IL 149/13/127 INT.)	LIGHTS	METAL POLE
BUSINESS HIGHWAY 13 @ AVA RD.	MURPHYSBORO	LIGHTS	METAL POLE
IL 13/127 @ INDUSTRIAL PARK RD.	MURPHYSBORO	LIGHTS	METAL POLE
IL 13 @ LAKE RD.	W. OF CARBONDALE	250W HPS MULTI MT	STEEL 45' TENON
IL 13 @ WOOD RD.	W. OF CARBONDALE	250W HPS MULTI MT	STEEL 45' TENON
IL 13 @ AIRPORT RD.	W. OF CARBONDALE	250W HPS MULTI MT	ALUM 45' TENON
OLD 13 @ SHOEMAKER DR. & 5TH ST.	M'BORO BRDIGE	250W HPS MULTI MT	STEEL 45' TENON
OLD 13 @ WILLIAMS ST.	E. OF MURPHYSBORO	250W HPS MULTI MT	STEEL 45' TENON
IL 127 @ OLD 13	E. OF MURPHYSBORO	LIGHT ON MAST ARM	WOOD POLE
OLD 13 @ LAKE RD. (BEGINNING)	E. OF MURPHYSBORO	250W HPS MULTI MT	STEEL 45' TENON
IL 13 @ REED STATION RD.	CARBONDALE	LIGHTS ON MAST ARM	METAL POLES

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JEFFERSON	LOCATION	DESCRIPTION	TYPE
I-57 @ EXIT 103	DIX	250W HPS HORZ MT	WOOD POLE
I-57 @ EXIT 103	DIX	400W HPS TOWER MT	TOWER 80'
I-57 @ I-64 N. TRI-LEVEL S.B.	MT. VERNON	LIGHTS ON MAST ARM	METAL POLE W/ MAST ARM
I-57 @ I-64 N. TRI-LEVEL N.B.	MT. VERNON		
I-57 @ I-64 VETERANS EXIT	MT. VERNON		
I-57 @ I-64 EXIT 95	MT. VERNON		
I-57 @ I-64 S. TRI-LEVEL S.B.	MT. VERNON	250W HPS HORZ MT	STEEL 45' TENON
I-57 @ I-64 S. TRI-LEVEL NB/EB	MT. VERNON	250W HPS HORZ MT	STEEL 45' TENON
I-57 @ I-64 S. TRI-LEVEL WB/NB	MT. VERNON	250W HPS HORZ MT	STEEL 45' TENON
IL 142 @ MAIN ST.	BELLE RIVE	250W HPS MULTI MT	STEEL 45' TENON
WB I-64 REST AREA	E. OF MT. VERNON	250W HPS HORZ MT	STEEL 45' TENON
WB I-64 REST AREA	E. OF MT. VERNON	400W HPS TOWER MT	TOWER 80'
EB I-64 REST AREA	E. OF MT. VERNON	250W HPS HORZ MT	STEEL 45' TENON
EB I-64 REST AREA	E. OF MT. VERNON	400W HPS TOWER MT	TOWER 80'
I-64 @ IL 37 EXIT 80	MT. VERNON	250W HPS HORZ MT	STEEL 45' TENON
I-64 @ IL 37 EXIT 80	MT. VERNON	400W HPS TOWER MT	TOWER 80'
I-64 @ EXIT 69	WOODLAWN	250W HPS MULTI MT	STEEL 45' TENON
I-57 @ EXIT 83	INA	400W HPS TOWER MT	TOWER 80'
I-64 @ EXIT 89	BELLE RIVE	250W HPS MULTI MT	STEEL 45' TENON
JOHNSON	LOCATION	DESCRIPTION	TYPE
I-24 @ IL 146 WEST	VIENNA	250W HPS MULTI MT	STEEL 45' TENON
I-24 @ IL 146 EAST	VIENNA	250W HPS MULTI MT	STEEL 45' TENON
I-24 @ US 45	VIENNA	250W HPS MULTI MT	STEEL 45' TENON
US 45 @ IL 166	NEW BURNSIDE	LIGHT ON MAST ARM	WOOD POLE
I-24 @ TUNNEL HILL RD.	TUNNEL HILL ROAD AND I-24 EXIT	LIGHTS	METAL POLES
I-57 @ GOREVILLE RD.	GOREVILLE RD. AND I-57 EXIT	LIGHTS	METAL POLES

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MASSAC	LOCATION	DESCRIPTION	TYPE
I-24 @ US 45 EAST	METROPOLIS	250W HPS HORZ MT	ALUM 46'/15' MAST ARM
I-24 REST AREA	MASSAC CO R.A.	400W HPS TOWER MT	TOWER 110'
I-24 REST AREA	MASSAC CO R.A.	250W HPS MULTI MT	STEEL 45' TENON
IL 145 @ Country Club Rd.	METROPOLIS	250W HPS MULTI MT	STEEL 45' TENON
US 45 @ IL 169	E. OF KARNAK	LIGHT ON MAST ARM	WOOD POLE
US 45 @ DEVERS RD.	METROPOLIS	LIGHTS	METAL POLE
US 45 @ FERRY ST.	METROPOLIS	LIGHTS	METAL POLE
US 45 @ 12TH ST.	METROPOLIS	LIGHTS	METAL POLE
PERRY	LOCATION	DESCRIPTION	TYPE
US 51 @ IL 154	N. OF SUNFIELD (ALL WAY STOP)	250W HPS MULTI MT	ALUM 45' TENON
IL 150 @ IL 154	N. OF CUTLER	250W HPS MULTI MT	WOOD POLE
IL 13/127 @ IL 152	PYATT CUTLER ROAD	250W HPS MULTI MT	STEEL 45' TENON
POPE	LOCATION	DESCRIPTION	TYPE
IL 145 @ 146	DIXON SPRINGS	LIGHTS ON MAST ARM	WOOD POLE
PULASKI	LOCATION	DESCRIPTION	TYPE
I-57 @ SHAWNEE COLLEGE RD.	ULLIN	400W HPS TOWER MT	TOWER 80'
I-57 @ SHAWNEE COLLEGE RD.	ULLIN	400W HPS TOWER MT	TOWER 90'
I-57 @ SHAWNEE COLLEGE RD.	ULLIN	400W HPS TOWER MT	TOWER 100'
I-57 @ MOUNDS RD.	MOUNDS	400W HPS TOWER MT	TOWER 80'
I-57 @ MOUNDS RD.	MOUNDS	400W HPS TOWER MT	TOWER 90'
OLD 51 @ SHAWNEE COLLEGE RD.	ULLIN	250W-HPS	WOOD POLE
IL 37 @ OLMSTED DAM RD.	N. OF OLMSTEAD ON IL-37	250W HPS MULTI MT	STEEL 45' TENON

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SALINE	LOCATION	DESCRIPTION	TYPE
US 45 @ WASSON RD.	W. OF ELDORADO	250W HPS MULTI MT	ALUM 45' TENON
IL 142 @ US 45	ELDORADO	LIGHTS	METAL POLE
IL 145 @ IL 34	MITCHELLSVILLE	SERVICED BY SEI-COOP	SERVICED BY SEI-COOP
US 45 @ IL 34/145	HARRISBURG	SERVICED BY CIPS	SERVICED BY CIPS
IL 13/34 @ US 45(E. Bypass)	HARRISBURG	250W HPS MULTI MT	COMB MAST ARM TENON
IL 13 @ IL 34(W. Bypass)	HARRISBURG	250W HPS MULTI MT	COMB MAST ARM TENON
IL 13 @ OLD IL 13 (POPLAR ST.)	S. OF HARRISBURG	LIGHTS	METAL POLE
IL 13 @ LOVERS LANE	N. OF HARRISBURG	LIGHTS ON MAST ARM	WOOD POLE
IL 13 @ OLD IL 13 (POPLAR ST.)	N. OF HARRISBURG	LIGHTS	METAL POLE
IL 13 @ GRANGER ST.	HARRISBURG	LIGHTS	METAL POLE
IL 13 @ CARRIER MILLS RD.	IL 13 @ CARRIER MILLS RD.	LIGHTS	WOOD POLE
UNION	LOCATION	DESCRIPTION	TYPE
US 51 @ IL 146	ANNA	LIGHTS	METAL POLE W/ STOP LIGHT
IL 146 @ LEIGH DR.	ANNA	LIGHTS	METAL POLES
IL 146 @ SPRINGFIELD AVE.	ANNA	LIGHTS	METAL POLE
NB I-57 REST AREA	E. OF ANNA (ON I-57)	250W HPS MULTI MT	STEEL 45' TENON
NB I-57 REST AREA	E. OF ANNA (ON I-57)	400W HPS TOWER MT	TOWER 80'
SB I-57 REST AREA	E. OF ANNA (ON I-57)	250W HPS MULTI MT	STEEL 45' TENON
SB I-57 REST AREA	E. OF ANNA (ON I-57)	400W HPS TOWER MT	TOWER 80'
I-57 @ LICK CREEK	LICK CREEK	250W HPS MULTI MT	STEEL 45' TENON
I-57 @ IL 146	E. OF ANNA	250W HPS MULTI MT	TOWER 80'
I-57 @ DONGOLA RD.	DONGOLA	250W HPS MULTI MT	STEEL 45' TENON
US 51 @ OLD 51	DONGOLA	250W HPS MULTI MT	NEED PLANS
US 51 MEETS I-57 SOUTH	DONGOLA	LIGHTS	METAL POLE
IL 146 @ IL 127	W. OF JONESBORO	250W HPS MULTI MT	WOOD POLE
US 51 @ LOW. COBDEN RD.	E. OF COBDEN	LIGHTS	WOOD POLE
US 51 @ UP. COBDEN RD.	E. OF COBDEN	LIGHTS	WOOD POLE

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WHITE	LOCATION	DESCRIPTION	TYPE
IL 1 @ US 45	NORRIS CITY	250W HPS HORZ MT	STEEL 45' TENON
I-64 @ EXIT 117	BURNT PRARIE	250W HPS MULTI MT	STEEL 45' TENON
I-64 @ EXIT 130	GRAYVILLE	250W HPS HORZ MT	STEEL 45' TENON
I-64 @ EXIT 130	GRAYVILLE	400W HPS TOWER MT	TOWER 80'
I-64 REST AREA	GRAYVILLE	250W HPS HORZ MT	STEEL 45' TENON
I-64 REST AREA	GRAYVILLE	400W HPS TOWER MT	TOWER 80'
IL 1 @ CROSSVILLE WEIGH ST.	CROSSVILLE	250W HPS HORZ MT	WOOD POLE
US 45 @ IL 141	SOUTH OF NORRIS CITY	LIGHTS	WOOD POLE
IL 141 @ EPWORTH RD.	EAST OF NEW HAVEN	LIGHTS ON MAST ARM	WOOD POLE
WILLIAMSON	LOCATION	DESCRIPTION	TYPE
I-57 @ I-24 WEST	N. OF PULLEYS MILL (I 57/I 24 INTERCHANGE)	400W HPS TOWER MT	TOWER 80'
I-57 @ I-24 WEST	N. OF PULLEYS MILL (I 57/I 24 INTERCHANGE)	400W HPS TOWER MT	TOWER 90'
I-57 @ I-24 EAST	N. OF PULLEYS MILL (I 57/I 24 INTERCHANGE)	400W HPS TOWER MT	TOWER 80'
I-57 @ I-24 EAST	N. OF PULLEYS MILL (I 57/I 24 INTERCHANGE)	400W HPS TOWER MT	TOWER 90'
I-57 @ IL 148	N. OF PULLEYS MILL (I 57 EXIT TO IL 148)	400W HPS TOWER MT	TOWER 80'
I-57 @ IL 148	N. OF PULLEYS MILL (I 57 EXIT TO IL 148)	400W HPS TOWER MT	TOWER 90'
NB I-57 WEIGH STATION	S. OF MARION	250W HPS MULTI MT	STEEL 45' TENON
NB I-57 WEIGH STATION	S. OF MARION	400W HPS TOWER MT	TOWER 80'
SB I-57 WEIGH STATION	S. OF MARION	250W HPS MULTI MT	STEEL 45' TENON
SB I-57 WEIGH STATION	S. OF MARION	400W HPS TOWER MT	TOWER 80'
I-57 @ OLD 13 EAST	NB EXIT 53 MARION	LIGHTS ON MAST ARM	METAL POLE W/ MAST ARM
I-57 @ OLD 13 WEST	SB EXIT 53 MARION		
I-57 @ OLD 13	EXIT 53 MARION		
I-57 @ IL. 13	EXIT 54 MARION		
I-57 @ THE HILL	EXIT 54A MARION		
I-57 @ JOHNSTON CITY RD.	JOHNSTON CITY (INTERSTATE EXIT)	250W HPS MULTI MT	STEEL 45' TENON
IL. 37 @ JOHNSTON CITY RD.	JOHNSTON CITY	250W HPS MULTI MT	COMB MAST ARM TENON

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IL 13 @ SPILLWAY RD.	E. OF CARBONDALE	250W HPS MULTI MT	COMB MAST ARM TENON
IL 13 @ CAMBRIA RD.	CAMBRIA RD. (CRAB ORCHARD LAKE)	150W HPS HORZ MT	ALUM 36'/15' MAST ARM
IL 13 @ GREENBRIAR RD.	GREENBRIAR RD.	250W HPS HORZ MT	ALUM 46'/15' MAST ARM
IL 13 @ CAMPGROUND RD.	CRAB ORCHARD LAKE	250W HPS HORZ MT	ALUM 46'/15' MAST ARM
IL 13 @ DIVISION ST.	CARTERVILLE	250W HPS MULTI MT	STEEL 45' TENON
IL 13 @ WOLFCREEK	CRAINVILLE	250W HPS MULTI MT	STEEL 45' TENON
IL 13 @ BRIGGS RD.	WEST OF IL 148 @ IL 13 INTERSECTION	250W HPS MULTI MT	STEEL 45' TENON
IL 13 @ IL 148	SOUTH OF ENERGY	250W HPS MULTI MT	COMB MAST ARM TENON
IL 13 @ TERMINAL DR.	WILL. CO. AIRPORT	250W HPS MULTI MT	COMB MAST ARM TENON
IL 13 @ IL 37	MARION	250W HPS MULTI MT	COMB MAST ARM TENON
IL 13 @ OLD 13 (MAIN ST.)	E. OF MARION	150W HPS HORZ MT	ALUM 36'/15' MAST ARM
IL 13 @ IL 166	E. OF MARION	250W HPS MULTI MT	STEEL 45' TENON
IL 13 @ CRAB ORCHARD RD.	CRAB ORCHARD	250W HPS MULTI MT	WOOD POLE
IL 37 @ STOTLAR RD.	WHITEASH	250W HPS MULTI MT	STEEL 45' TENON
OLD 13 @ IL 148	W. OF MARION	250W HPS MULTI MT	COMB MAST ARM TENON
IL 148 @ GRASSY RD.	S. OF OLD 13	250W HPS HORZ MT	WOOD POLE
IL 148 @ EDEN PARK RD.	S. OF ENERGY (BOTH ENDS OF RD.)	LIGHTS	WOOD POLE
CAMBRIA RD. @ HERRIN RD.	BLAIRSVILLE	250W HPS MULTI MT	STEEL 45' TENON
IL 149 @ CAMBRIA RD.	HURST	LIGHT ON MAST ARM	WOOD POLE
IL 37 @ IL 148	N. OF PULLEYS MILL, S. OF MARION	LIGHTS	METAL POLE
IL 37 @ LAKE OF EGYPT RD.	N. OF PULLEYS MILL, SOUTH OF MARION	250W HPS MULTI MT	STEEL 45' TENON
IL 148 @ GRAND AVE.	ENERGY	LIGHTS	METAL POLE
IL 13 @ PAULTON RD.	CRAB ORCHARD	LIGHTS ON MAST ARM	WOOD POLE
IL 13 @ PENTECOST RD.	MARION	LIGHT	METAL POLE
IL 13	TERMINAL DR	LIGHTS	METAL POLE
IL 13 WOLF CREEK	CRAINVILLE	250 W HPS MULTI MT	STEEL 45' TENON

FLASHING BEACON LOCATIONS

For information only. Locations are subject to change.

ALEXANDER	LOCATION	DESCRIPTION	TYPE
IL 3 @ IL 146	CAPE "T"	FLASHING BEACON	2 RED, 2 YELLOW
IL 3 @ IL 127	ALL WAY STOP	FLASHING BEACON	RED
IL 127 @ ULLIN RD.	W. OF ULLIN	FLASHING BEACON	RED
FRANKLIN	LOCATION	DESCRIPTION	TYPE
IL 154 @ IL 37	REND LAKE	FLASHING BEACON	1 RED, 2 YELLOW
IL 14 @ IL 184	MULKEYTOWN	FLASHING BEACON	YELLOW
IL 148 @ IL 154	SESSER "T"	FLASHING BEACON	RED
IL 148 @ VALIER RD.	VALIER	FLASHING BEACON	RED
IL 148 @ OVERHEAD BR. RD.	S. OF VALIER	FLASHING BEACON	YELLOW
IL 149 @ PERSHING- ORIENT RD.	W. OF W.F.	FLASHING BEACON	RED
IL 149 @ PERSHING- ORIENT RD.	W. OF W.F.	FLASHING BEACON	YELLOW
IL 149	E. OF W.F. NEAR RADIO TOWER	FLASHING BEACON	YELLOW
IL 34 @ THOMPSONVILLE RD.	THOMPSONVILLE	FLASHING BEACON	RED
IL 149 @ IL 34	THOMPSONVILLE	FLASHING BEACON	RED

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)	1032

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	1009.03
(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	1003.08
(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) Cement1001”

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:

“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 ($\text{Na}_2\text{O} + 0.658\text{K}_2\text{O}$) 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 ($\text{Na}_2\text{O} + 0.658\text{K}_2\text{O}$) 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 ($\text{Na}_2\text{O} + 0.658\text{K}_2\text{O}$) 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).

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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	1003.02
(d) Fly Ash	1010
(e) Ground Granulated Blast Furnace (GGBF) Slag.....	1010
(f) Concrete Admixtures	1021”

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	1010
(c) Ground Granulated Blast Furnace (GGBF) Slag	1010
(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:

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

Materials. 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	1021
(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."

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.

VARIOUS ROUTES
SECTION D9 ELECTRICAL REPAIR FY26-1
VARIOUS COUNTIES
CONTRACT NO. 78B40

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
Over \$50,000,000	One Project Manager, Two Project Superintendents, 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."

DISADVANTAGED BUSINESS ENTERPRISE PARTICIPATION (DBE)

Effective: September 1, 2000

Revised: January 2, 2025

1. OVERVIEW AND GENERAL OBLIGATION. The Department of Transportation, as a recipient of federal financial assistance, is required to take all necessary and reasonable steps to ensure nondiscrimination in the award and administration of contracts. Consequently, the federal regulatory provisions of 49 CFR Part 26 apply to this contract concerning the utilization of disadvantaged business enterprises. For the purposes of this Special Provision, a disadvantaged business enterprise (DBE) means a business certified in accordance with the requirements of 49 CFR Part 26 and listed in the Illinois Unified Certification Program (IL UCP) DBE Directory. Award of the contract is conditioned on meeting the requirements of 49 CFR Part 26, and failure by the Contractor to carry out the requirements of Part 26 is a material breach of the contract and may result in the termination of the contract or such other remedies as the Department deems appropriate.
2. CONTRACTOR ASSURANCE. All assurances set forth in FHWA 1273 are hereby incorporated by reference and will be physically attached to the final contract and all subcontracts.
3. CONTRACT GOAL TO BE ACHIEVED BY THE CONTRACTOR. The Department has determined the work of this contract has subcontracting opportunities that may be suitable for performance by DBE companies and that, in the absence of unlawful discrimination and in an arena of fair and open competition, DBE companies can be expected to perform **0.00 %** of the work. This percentage is set as the DBE participation goal for this contract. Consequently, in addition to the other award criteria established for this contract, the Department will only award this contract to a bidder who makes a good faith effort to meet this goal of DBE participation in the performance of the work in accordance with the requirements of 49 CFR 26.53 and SBE Memorandum No. 24-02.
4. IDENTIFICATION OF CERTIFIED DBE. Information about certified DBE Contractors can be found in the Illinois UCP Directory. Bidders can obtain additional information and assistance with identifying DBE-certified companies at the Department's website or by contacting the Department's Bureau of Small Business Enterprises at (217) 785-4611.
5. BIDDING PROCEDURES. Compliance with this Special Provision and SBE Policy Memorandum 24-02 is a material bidding requirement. The following shall be included with the bid.
 - (a) DBE Utilization Plan (form SBE 2026) documenting enough DBE participation has been obtained to meet the goal, or a good faith effort has been made to meet the goal even though the efforts did not succeed in obtaining enough DBE participation to meet the goal.

- (b) Applicable DBE Participation Statement (form SBE 2023, 2024, and/or 2025) for each DBE firm the bidder has committed to perform the work to achieve the contract goal.

The required forms and documentation shall be submitted as a single .pdf file using the "Integrated Contractor Exchange (iCX)" application within the Department's "EBids System".

The Department will not accept a bid if it does not meet the bidding procedures set forth herein and the bid will be declared non-responsive. A bidder declared non-responsive for failure to meet the bidding procedures will not give rise to an administrative reconsideration. In the event the bid is declared non-responsive, the Department may elect to cause the forfeiture of the penal sum of the bidder's proposal guaranty and may deny authorization to bid the project if re-advertised for bids.

6. UTILIZATION PLAN EVALUATION. The contract will not be awarded until the Utilization Plan is approved. All information submitted by the bidder must be complete, accurate, and adequately document the bidder has committed to DBE participation sufficient to meet the goal, or that the bidder has made good faith efforts to do so, in the event the bidder cannot meet the goal, in order for the Department to commit to the performance of the contract by the bidder.

The Utilization Plan will be approved by the Department if the Utilization Plan documents sufficient commercially useful DBE work to meet the contract goal or the Department determines, based upon the documentation submitted, that the bidder has made a good faith effort to meet the contract goal pursuant to 49 CFR Part 26, Appendix A and the requirements of SBE 2026.

If the Department determines that a good faith effort has not been made, the Department will notify the responsible company official designated in the Utilization Plan of that determination in accordance with SBE Policy Memorandum 24-02.

7. CALCULATING DBE PARTICIPATION. The Utilization Plan values represent work the bidder commits to have performed by the specified DBEs and paid for upon satisfactory completion. The Department is only able to count toward the achievement of the overall goal and the contract goal the value of payments made for the work actually performed by DBE firms. In addition, a DBE must perform a commercially useful function on the contract to be counted. A commercially useful function is generally performed when the DBE is responsible for the work and is carrying out its responsibilities by actually performing, managing, and supervising the work involved. The Department and Contractor are governed by the provisions of 49 CFR Part 26.55(c) on questions of commercially useful functions as it affects the work. Specific guidelines for counting goal credit are provided in 49 CFR Part 26.55. In evaluating Utilization Plans for award the Department will count goal credit as set forth in Part 26 and in accordance with SBE Policy Memorandum 24-02.
8. CONTRACT COMPLIANCE. The Contractor must utilize the specific DBEs listed to perform the work and supply the materials for which each DBE is listed in the Contractor's approved Utilization Plan, unless the Contractor obtains the Department's written consent to terminate the DBE or any portion of its work. The DBE Utilization Plan approved by SBE is a condition-of-award, and any deviation to that Utilization Plan, the work set forth therein to be performed by DBE firms, or the DBE firms specified to perform that work, must be approved, in writing, by the Department in accordance with federal regulatory requirements. Deviation

from the DBE Utilization Plan condition-of-award without such written approval is a violation of the contract and may result in termination of the contract or such other remedy the Department deems appropriate. The following administrative procedures and remedies govern the compliance by the Contractor with the contractual obligations established by the Utilization Plan.

- (a) NOTICE OF DBE PERFORMANCE. The Contractor shall provide the Engineer with at least three days advance notice of when all DBE firms are expected to perform the work committed under the Contractor's Utilization Plan.
- (b) SUBCONTRACT. If awarded the contract, the Contractor is required to enter into written subcontracts with all DBE firms indicated in the approved Utilization Plan and must provide copies of fully executed DBE subcontracts to the Department upon request. Subcontractors shall ensure that all lower tier subcontracts or agreements with DBEs to supply labor or materials be performed in accordance with this Special Provision.
- (c) PAYMENT TO DBE FIRMS. The Department is prohibited by federal regulations from crediting the participation of a DBE included in the Utilization Plan toward either the contract goal or the Department's overall goal until the amount to be applied toward the goal has been paid to the DBE. The Contractor shall document and report all payments for work performed by DBE certified firms in accordance with Article 109.11 of the Standard Specifications. All records of payment for work performed by DBE certified firms shall be made available to the Department upon request.
- (d) FINAL PAYMENT. After the performance of the final item of work or trucking, or delivery of material by a DBE and final payment to the DBE by the Contractor, but not later than 30 calendar days after payment has been made by the Department to the Contractor for such work or material, the Contractor shall submit a DBE Payment Agreement (form SBE 2115) to the Engineer. If the Contractor does not have the full amount of work indicated in the Utilization Plan performed by the DBE companies indicated in the Utilization Plan and after good faith efforts are reviewed, the Department may deduct from contract payments to the Contractor the amount of the goal not achieved as liquidated and ascertained damages.
- (g) ENFORCEMENT. The Department reserves the right to withhold payment to the Contractor to enforce the provisions of this Special Provision. Final payment shall not be made on the contract until such time as the Contractor submits sufficient documentation demonstrating achievement of the goal in accordance with this Special Provision or after liquidated damages have been determined and collected.

ILLINOIS WORKS APPRENTICESHIP INITIATIVE – STATE FUNDED CONTRACTS (BDE)

Effective: June 2, 2021

Revised: April 2, 2024

Illinois Works Jobs Program Act (30 ILCS 559/20-1 et seq.). For contracts having an awarded contract value of \$500,000 or more, the Contractor shall comply with the Illinois Works Apprenticeship Initiative (30 ILCS 559/20-20 to 20-25) and all applicable administrative rules. The goal of the Illinois Apprenticeship Works Initiative is that apprentices will perform either 10% of the total labor hours actually worked in each prevailing wage classification or 10% of the estimated labor hours in each prevailing wage classification, whichever is less. Of this goal, at least 50% of the labor hours of each prevailing wage classification performed by apprentices shall be performed by graduates of the Illinois Works Pre-Apprenticeship Program, the Illinois Climate Works Pre-Apprenticeship Program, or the Highway Construction Careers Training Program.

The Contractor may seek from the Department of Commerce and Economic Opportunity (DCEO) a waiver or reduction of this goal in certain circumstances pursuant to 30 ILCS 559/20-20(b). The Contractor shall ensure compliance during the term of the contract and will be required to report on and certify its compliance. An apprentice use plan, apprentice hours, and a compliance certification shall be submitted to the Engineer on forms provided by the Department and/or DCEO.

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 (RSM DR)”.

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 Ill. 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 Method 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."

SHORT TERM AND TEMPORARY PAVEMENT MARKINGS (BDE)

Effective: April 1, 2024

Revised: April 2, 2024

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

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

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

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

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

“(c) Pavement Marking Tapes (Note 1) 1095.06”

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

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

Revise Article 1095.06 of the Standard Specifications to read:

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

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

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

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

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

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

x	0.490	0.475	0.485	0.530
y	0.470	0.438	0.425	0.456

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

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

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

Wet Retroreflectance, Initial R_L	
Color	R_L 1.05/88.76
White	300
Yellow	200

- (c) Skid Resistance. The surface of Type IV and blackout markings shall provide a minimum skid resistance of 45 BPN when tested according to ASTM E 303.
- (d) Application. The pavement marking tape shall have a precoated pressure sensitive adhesive and shall require no activation procedures. Test pieces of the tape shall be applied according to the manufacturer's instructions and tested according to ASTM D 1000, Method A, except that a stiff, short bristle roller brush and heavy hand pressure will be substituted for the weighted rubber roller in applying the test pieces to the metal test panel. Material tested as directed above shall show a minimum adhesion value of 750 g/in. (30 g/mm) width at the temperatures specified in ASTM D 1000. The adhesive shall be resistant to oils, acids, solvents, and water, and shall not leave objectionable stains or residue after removal. The material shall be flexible and conformable to the texture of the pavement.
- (e) Durability. Type IV and blackout tape shall be capable of performing for the duration of a normal construction season and shall then be capable of being removed intact or in large sections at pavement temperatures above 40 °F (4 °C) either manually or with a roll-up device without the use of sandblasting, solvents, or grinding. The Contractor shall provide a manufacturer's certification that the material meets the requirements for being removed after the following minimum traffic exposure based on transverse test decks with rolling traffic.
- (1) Time in place - 400 days
 - (2) ADT per lane - 9,000 (28 percent trucks)
 - (3) Axle hits - 10,000,000 minimum

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

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

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

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

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

(f) Sampling and Inspection.

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

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

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

SPEED DISPLAY TRAILER (BDE)

Effective: April 2, 2014

Revised: January 1, 2022

Revise the last paragraph of Article 701.11 of the Standard Specifications to read:

"When not being utilized to inform and direct traffic, sign trailers, speed display trailers, arrow boards, and portable changeable message boards shall be treated as nonoperating equipment."

Add the following to Article 701.15 of the Standard Specifications:

“(m) Speed Display Trailer. A speed display trailer is used to enhance safety of the traveling public and workers in work zones by alerting drivers of their speed, thus deterring them from driving above the posted work zone speed limit.”

Add the following to Article 701.20 of the Standard Specifications:

“(k) When speed display trailers are shown on the Standard, this work will not be paid for separately but shall be considered as included in the cost of the Standard.

For all other speed display trailers, this work will be paid for at the contract unit price per calendar month or fraction thereof for each trailer as SPEED DISPLAY TRAILER.”

Add the following to Article 1106.02 of the Standard Specifications:

“(o) Speed Display Trailer. The speed display trailer shall consist of a LED speed indicator display with self-contained, one-direction radar mounted on an orange see-through trailer. The height of the display and radar shall be such that it will function and be visible when located behind concrete barrier.

The speed measurement shall be by radar and provide a minimum detection distance of 1000 ft (300 m). The radar shall have an accuracy of ± 1 mile per hour.

The speed indicator display shall face approaching traffic and shall have a sign legend of “YOUR SPEED” immediately above or below the speed display. The sign letters shall be between 5 and 8 in. (125 and 200 mm) in height. The digital speed display shall show two digits (00 to 99) in mph. The color of the changeable message legend shall be a yellow legend on a black background. The minimum height of the numerals shall be 18 in. (450 mm), and the nominal legibility distance shall be at least 750 ft (250 m).

The speed indicator display shall be equipped with a violation alert that flashes the displayed detected speed when the work zone posted speed limit is exceeded. The speed indicator shall have a maximum speed cutoff. On roadway facilities with a normal posted speed limit greater than or equal to 45 mph, the detected speeds of vehicles traveling more than 25 mph over the work zone speed limit shall not be displayed. On facilities with normal posted speed limit of less than 45 mph, the detected speeds of vehicles traveling more than 15 mph over the work zone speeds limit shall not be displayed. On any roadway facility if detected speeds are less than 25 mph, they shall not be displayed. The display shall include automatic dimming for nighttime operation.

The speed indicator measurement and display functions shall be equipped with the power supply capable of providing 24 hours of uninterrupted service.”

SUBCONTRACTOR AND DBE PAYMENT REPORTING (BDE)

Effective: April 2, 2018

Add the following to Section 109 of the Standard Specifications.

“109.14 Subcontractor and Disadvantaged Business Enterprise Payment Reporting.
The Contractor shall report all payments made to the following parties:

- (a) first tier subcontractors;
- (b) lower tier subcontractors affecting disadvantaged business enterprise (DBE) goal credit;
- (c) material suppliers or trucking firms that are part of the Contractor’s submitted DBE utilization plan.

The report shall be made through the Department’s on-line subcontractor payment reporting system within 21 days of making the payment.”

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%”

SUBMISSION OF BIDDERS LIST INFORMATION (BDE)

Effective: January 2, 2025

Revised: March 2, 2025

In accordance with 49 CFR 26.11(c) all DBE and non-DBEs who bid as prime contractors and subcontractors shall provide bidders list information, including all DBE and non-DBE firms from whom the bidder has received a quote or bid to work as a subcontractor, whether or not the bidder has relied upon that bid in placing its bid as the prime contractor.

The bidders list information shall be submitted with the bid using the link provided within the "Integrated Contractor Exchange (iCX)" application of the Department's "EBids System".

SUBMISSION OF PAYROLL RECORDS (BDE)

Effective: April 1, 2021

Revised: November 2, 2023

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

"STATEMENTS AND PAYROLLS

The payroll records shall include the worker's name, social security number, last known address, telephone number, email address, classification(s) of work actually performed, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof), daily and weekly number of hours actually worked in total, deductions made, and actual wages paid.

The Contractor and each subcontractor shall submit certified payroll records to the Department each week from the start to the completion of their respective work, except that full social security numbers, last known addresses, telephone numbers, and email addresses shall not be included on weekly submittals. Instead, the payrolls need only include an identification number for each employee (e.g., the last four digits of the employee's social security number). The submittals shall be made using LCPTracker Pro software. The software is web-based and can be accessed at <https://lcptracker.com/>. When there has been no activity during a work week, a payroll record shall still be submitted with the appropriate option ("No Work", "Suspended", or "Complete") selected."

STATE CONTRACTS. Revise Item 3 of Section IV of Check Sheet #5 of the Recurring Special Provisions to read:

- "3. Submission of Payroll Records. The Contractor and each subcontractor shall, no later than the 15th day of each calendar month, file a certified payroll for the immediately preceding month to the Illinois Department of Labor (IDOL) through the Illinois Prevailing Wage Portal in compliance with the State Prevailing Wage Act (820 ILCS 130). The portal can be found on the IDOL website at <https://www2.illinois.gov/idol/Laws-Rules/CONMED/Pages/Prevailing-Wage-Portal.aspx>. Payrolls shall be submitted in the format prescribed by the IDOL.

In addition to filing certified payroll(s) with the IDOL, the Contractor and each subcontractor shall certify and submit payroll records to the Department each week from the start to the completion of their respective work, except that full social security numbers shall not be included on weekly submittals. Instead, the payrolls shall include an identification number for each employee (e.g., the last four digits of the employee's social security number). In addition, starting and ending times of work each day may be omitted from the payroll records submitted. The submittals shall be made using LCPtracker Pro software. The software is web-based and can be accessed at <https://lcptracker.com/>. When there has been no activity during a work week, a payroll record shall still be submitted with the appropriate option ("No Work", "Suspended", or "Complete") selected."

SURVEYING SERVICES (BDE)

Effective: April 1, 2025

Delete the fourth paragraph of Article 667.04 of the Standard Specifications.

Delete Section 668 of the Standard Specifications.

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."

WEEKLY DBE TRUCKING REPORTS (BDE)

Effective: June 2, 2012

Revised: January 2, 2025

The following applies to all Disadvantaged Business Enterprise (DBE) trucks on the project, whether they are utilized for DBE goal credit or not.

The Contractor shall notify the Engineer at least three days prior to DBE trucking activity.

The Contractor shall submit a weekly report of DBE trucks hired by the Contractor or subcontractors (i.e. not owned by the Contractor or subcontractors) to the Engineer on Department form "SBE 723" within ten business days following the reporting period. The

reporting period shall be Sunday through Saturday for each week reportable trucking activities occur.

Any costs associated with providing weekly DBE trucking reports shall be considered as included in the contract unit prices bid for the various items of work involved and no additional compensation will be allowed.

WORK ZONE TRAFFIC CONTROL DEVICES (BDE)

Effective: March 2, 2020

Revised: January 1, 2025

Add the following to Article 701.03 of the Standard Specifications:

“(q) Temporary Sign Supports1106.02”

Revise the third paragraph of Article 701.14 of the Standard Specifications to read:

“For temporary sign supports, the Contractor shall provide a FHWA eligibility letter for each device used on the contract. The letter shall provide information for the set-up and use of the device as well as a detailed drawing of the device. The signs shall be supported within 20 degrees of vertical. Weights used to stabilize signs shall be attached to the sign support per the manufacturer’s specifications.”

Revise the first paragraph of Article 701.15 of the Standard Specifications to read:

“ **701.15 Traffic Control Devices.** For devices that must meet crashworthiness standards, the Contractor shall provide a manufacturer’s self-certification or a FHWA eligibility letter for each Category 1 device and a FHWA eligibility letter for each Category 2 and Category 3 device used on the contract. The self-certification or letter shall provide information for the set-up and use of the device as well as a detailed drawing of the device.”

Revise the first six paragraphs of Article 1106.02 of the Standard Specifications to read:

“ **1106.02 Devices.** Work zone traffic control devices and combinations of devices shall meet crashworthiness standards for their respective categories. The categories are as follows.

Category 1 includes small, lightweight, channelizing and delineating devices that have been in common use for many years and are known to be crashworthy by crash testing of similar devices or years of demonstrable safe performance. These include cones, tubular markers, plastic drums, and delineators, with no attachments (e.g. lights). Category 1 devices shall be MASH compliant.

Category 2 includes devices that are not expected to produce significant vehicular velocity change but may otherwise be hazardous. These include vertical panels with lights, barricades, temporary sign supports, and Category 1 devices with attachments (e.g. drums with lights). Category 2 devices shall be MASH compliant.

Category 3 includes devices that are expected to cause significant velocity changes or other potentially harmful reactions to impacting vehicles. These include crash cushions (impact attenuators), truck mounted attenuators, and other devices not meeting the definitions of Category 1 or 2. Category 3 devices manufactured after December 31, 2019 shall be MASH compliant. Category 3 devices manufactured on or before December 31, 2019, and compliant with NCHRP 350, may be used on contracts let before December 31, 2029. Category 3 devices shall be crash tested for Test Level 3 or the test level specified.

Category 4 includes portable or trailer-mounted devices such as sign supports, speed feedback displays, arrow boards, changeable message signs, temporary traffic signals, and area lighting supports. It is preferable for Category 4 devices manufactured after December 31, 2019 to be MASH-16 compliant; however, there are currently no crash tested devices in this category, so it remains exempt from the NCHRP 350 or MASH compliance requirement.

For each type of device, when no more than one MASH compliant is available, an NCHRP 350 compliant device may be used, even if manufactured after December 31, 2019.”

Revise Articles 1106.02(g), 1106.02(k), and 1106.02(l) to read:

“(g) Truck Mounted/Trailer Mounted Attenuators. The attenuator shall be approved for use at Test Level 3. Test Level 2 may be used for normal posted speeds less than or equal to 45 mph.

(k) Temporary Water Filled Barrier. The water filled barrier shall be a lightweight plastic shell designed to accept water ballast and be on the Department’s qualified product list.

Shop drawings shall be furnished by the manufacturer and shall indicate the deflection of the barrier as determined by acceptance testing; the configuration of the barrier in that test; and the vehicle weight, velocity, and angle of impact of the deflection test. The Engineer shall be provided one copy of the shop drawings.

(l) Movable Traffic Barrier. The movable traffic barrier shall be on the Department’s qualified product list.

Shop drawings shall be furnished by the manufacturer and shall indicate the deflection of the barrier as determined by acceptance testing; the configuration of the barrier in that test; and the vehicle weight, velocity, and angle of impact of the deflection test. The Engineer shall be provided one copy of the shop drawings. The barrier shall be capable of being moved on and off the roadway on a daily basis.”

REVISIONS TO THE ILLINOIS PREVAILING WAGE RATES

The Prevailing rates of wages are included in the Contract proposals which are subject to Check Sheet #5 of the Supplemental Specifications and Recurring Special Provisions. The rates have been ascertained and certified by the Illinois Department of Labor for the locality in which the work is to be performed and for each craft or type of work or mechanic needed to execute the work of the Contract. As required by Prevailing Wage Act (820 ILCS 130/0.01, et seq.) and Check Sheet #5 of the Contract, not less than the rates of wages ascertained by the Illinois Department of Labor and as revised during the performance of a Contract shall be paid to all laborers, workers and mechanics performing work under the Contract. Post the scale of wages in a prominent and easily accessible place at the site of work.

If the Illinois Department of Labor revises the prevailing rates of wages to be paid as listed in the specification of rates, the contractor shall post the revised rates of wages and shall pay not less than the revised rates of wages. Current wage rate information shall be obtained by visiting the Illinois Department of Labor web site at <http://www.state.il.us/agency/idol/> or by calling 312-793-2814. It is the responsibility of the contractor to review the rates applicable to the work of the contract at regular intervals in order to insure the timely payment of current rates. Provision of this information to the contractor by means of the Illinois Department of Labor web site satisfies the notification of revisions by the Department to the contractor pursuant to the Act, and the contractor agrees that no additional notice is required. The contractor shall notify each of its subcontractors of the revised rates of wages.