

# 77

August 4, 2017 Letting

## Notice to Bidders, Specifications and Proposal



**Illinois Department  
of Transportation**

Springfield, Illinois 62764

**Contract No. 66H10  
BUREAU-LASALLE Counties  
Section D3 LIGHTING REPAIR 2017-2  
Various Routes  
District 3 Construction Funds**

Plans Included  
Herein

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 10:00 a.m. August 4, 2017 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. 66H10  
BUREAU-LASALLE Counties  
Section D3 LIGHTING REPAIR 2017-2  
Various Routes  
District 3 Construction Funds**

**Repair and maintain traffic signals, flashing beacons, roadway lighting, and other electrical services that are requested by "On Call" work orders in Bureau and LaSalle Counties.**

**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

Randall S. Blankenhorn,  
Secretary

INDEX  
FOR  
SUPPLEMENTAL SPECIFICATIONS  
AND RECURRING SPECIAL PROVISIONS

Adopted January 1, 2017

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

ERRATA Standard Specifications for Road and Bridge Construction (Adopted 4-1-16) (Revised 1-1-17)

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RECURRING SPECIAL PROVISIONS

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

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## STATE OF ILLINOIS

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### SPECIAL PROVISIONS

The following Special Provisions supplement the "Standard Specifications for Road and Bridge Construction," adopted April 1, 2016, 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 D3 Lighting Repair 2017-2, Bureau and LaSalle Counties, Contract No. 66H10 and in case of conflict with any part or parts of said Specifications, the said Special Provisions shall take precedence and shall govern.

### LOCATION OF PROJECT

The work to be done under this contract will be performed in Bureau and LaSalle Counties.

### DESCRIPTION OF PROJECT

The intent of this project is to repair and maintain traffic signals, flashing beacons, roadway lighting, and other electrical services that are requested at the locations described in a work order from the Illinois Department of Transportation for a period of July 1, 2017 to June 30, 2019.

The Illinois Department of Transportation contact person is:

Dan Devine

Phone: 815-434-8505.

The Department reserves the right to perform any repairs with its own forces.

### The current locations in Bureau County are:

#### Flashing Beacon Locations

- Location 3F – IL 26 & 29 (two 12")
- Location 9F – IL 40 & US 6/34 (four 12")
- Location 10F – IL 40 & 92 (four 12")
- Location 16F – IL 29 & US 6 & IL 89 (red flasher over stop for NB IL 29)
- Location 20F – US 6 & IL 89 (all red stop)
- Location 70F – Old IL 26 & Illinois River Bridge (four 12")

Highway Lighting Locations

- Location 10L – US 6 & 34
- Location 11L – IL 26 & 29 North
- Location 12L – IL 29 & 26 South
- Location 13L – I-80 & I-180
- Location 14L – I-80 & IL 89
- Location 15L – I-80 & Sauk Trail Rest Area
- Location 16L – I-180 & US 6
- Location 17L – I-180 & IL 26 South (Pike Road)
- Location 18L – US 6/34 & IL 40
- Location 19L – I-180 & IL 29
- Location 20L – IL 40 & 92
- Location 21L – IL 92 & 172
- Location 22L – I-180 & IL 26 North
- Location 23L – Red Covered Bridge (1950 E. Rd, ½ mile west of IL 26)
- Location 40L – IL 89 & US 34
- Location 41L – I-80 & IL 40
- Location 55L – I-80 & IL 26
- Location 89L – I-180 & IL 71

**The current locations in LaSalle County are:**

Flashing Beacon Locations

- Location 2F – US 6 & IL 178 (overhead beacons)
- Location 41F – US 34 and Harding Rd( E. 1251<sup>st</sup> Rd) (post)
- Location 48F – US 52 & IL 23 (overhead beacons)
- Location 68F – US 6 & Mary Senica Ave (0.25 mile west of E. 709<sup>th</sup> Road) (post)

Traffic Signal Location

- Location 1S – US 6 & Dalzell Road (Traffic Actuated)

Highway Lighting Locations

- Location 1L – IL 251 & US 52 (7 lights)
- Location 2L – IL 251 & I-80 (28 lights, sign lighting)
- Location 3L – I-80 & IL 23 (20 lights)
- Location 4L – I-80 & IL 71 (16 lights)
- Location 5L – US 6 & 251 (54 lights, underpass lighting)
- Location 6L – IL 251 & Oglesby Spur (Walnut St./Richard Moyle Dr.)
- Location 7L – IL 251 & 71/351 (12 lights)
- Location 46L – I-80 & Plank Road
- Location 47L – I-80 & IL 351 (13 lights, sign lighting)
- Location 49L – US 6 & Dalzell Road (2 lights)
- Location 56L – I-39 & I-80 (32 lights, sign lighting)
- Location 57L – I-39 & US 52 (16 lights)
- Location 58L – I-39 & US 34 (16 lights)
- Location 68L – I-39 & N. 29<sup>th</sup> Road (36 lights, sign lighting)
- Location 69L – I-39 & US 6 (60 lights)
- Location 70L – I-39 & Illinois River Bridge (50 lights)
- Location 71L – I-39 & Mormon Street (28 lights, sign lighting)
- Location 72L – I-39 & Oglesby Road (28 lights)
- Location 73L – I-39 & IL 251 (16 lights)
- Location 77L – I-39 & IL 71 (18 lights)
- Location 78L – I-39 & CH 54 (Tonica) (18 lights)
- Location 79L – I-39 & IL 18
- Location 87L – I-80 & IL 178 (18 lights)
- Location 88L – I-80 & CH 15 (Marseilles)
- Location 97L – IL 71 & 178 (2 lights)
- Location 107L – IL 89 & Spring Valley Illinois River Bridge
- Location 108L – IL 351 & Shippingsport Bridge (Illinois River)
- Location 129L – US 6 & Spring Valley Curve (east edge of town)
- Location 132L – I-80 & CH 43 (3020 E. 8<sup>th</sup> Rd, Utica)



## **TRAFFIC CONTROL PLAN**

(Revised January 1, 2016)

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

Special attention is called to Articles 107.09 and 107.14 of the Standard Specifications, the following Highway Standards relating to Traffic Control, and the listed Supplemental Specifications and Recurring Special Provisions:

Traffic Control and Protection. Traffic Control and Protection for electrical service shall be as follows.

Two Lane and Multilane non-Freeway/Expressway Routes.

The following Traffic Control and Protection Standards shall be used whenever the Contractor is issued an electrical service work order on Two Lane and Multilane Non-Freeway/Expressway Routes.

- Two Lane Routes.  
701001      701006      701201      701206      701301  
701901
- Multilane Non-Freeway/Expressway Routes.  
701101      701106      701421      701422      701426  
701427      701901

Multilane Freeway/Expressway Routes.

The following Traffic Control and Protection Standards shall be used whenever the Contractor is issued an Electrical Service work order on Multilane Freeway/Expressway Routes.

- Multilane Freeway/Expressway Routes.  
701101      701106      701400      701401      701406  
701411      701426      701428      701456      701901

Keeping Roads Open to Traffic: It is the intention of the Department that the various routes be kept open to traffic at all times.

- One-way traffic will be permitted in the immediate work areas on Two Lane and Multilane Non-Freeway/Expressway Routes during repair operations. At all other times, all lanes shall be open to traffic.
- Lane closures on Multilane Freeway/Expressway Routes shall not be permitted except to respond to an emergency call out, or upon approval from the Department.

Closed lanes shall not be permitted during peak traffic periods described as follows:

- From 6:00 a.m. to 9:00 a.m. and from 3:00 p.m. to 6:00 p.m., Monday through Friday, or at other times of peak time volumes as determined by the Department's Contact, except to respond to an emergency call out, or upon approval from the Department.

Method of Measurement. Traffic Control and Protection for electrical service work orders shall be as follows.

Traffic Control and Protection will not be measured for payment if the following highway standards are used:

701001	701006	701101	701106	701301
701400	701426	701427	701428	701456
701901				

Traffic Control and Protection, once per work order, will be measured for payment if the following highway standards are used:

701201	701206	701401	701406	701411
701421	701422			

Basis of Payment: Traffic Control and Protection that is measured for payment will be paid at the contract unit price each as, TRAFFIC CONTROL AND PROTECTION, CALL OUT WORK, which price shall include all labor, materials and equipment to furnish, install, relocate (when required) and removal of all traffic control devices required for the traffic control protection standards that are measured for payment.

#### **EQUIPMENT ILLUMINATION**

(Revised January 26, 1998

Revised January 1, 2016)

The Contractor shall equip all vehicles entering and exiting the work area with flashing amber lights, installed so the illumination is visible from all directions.

#### **COMPLETION DATE**

(Effective February 16, 2001

Revised August 15, 2005)

All work associated with this project shall be completed on or before June 30, 2019.

## **CONTRACTOR'S REQUIREMENTS FOR CALL-OUT/EMERGENCY CALL-OUT WORK ORDERS FOR ELECTRICAL SERVICE**

Description: This work shall consist of mobilizing the necessary personnel, equipment and materials required for the Contractor to respond to call out/emergency call-out work orders when issued by the Department for the purpose of repairs and maintenance to traffic signals, flashing beacons, roadway lighting, and other electrical services as specified on the call-out work orders.

Exact locations and nature of repairs shall be determined by the Engineer and specified on the call-out work orders prior to the mobilization of the Contractor's work forces.

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.

The Contractor shall designate at least two (2) responsible representatives of its organization to whom the Department may issue work orders and instructions. The Contractor shall provide necessary information (names and telephone numbers) of these representatives to the Engineer. One of these representatives shall be available at all times.

Contractor's Personnel. The Contractor or his designated personnel 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.

Contractor's Base of Operations. The Contractor shall establish a base of operations or office and shall be no more than sixty (60) miles from any one traffic signal, flashing beacon, highway lighting, or speed monitor within the contracted area(s).

The Contractor shall notify the Department of the location of the base of operations and shall be available to the Department to store necessary spare electrical equipment/materials, when available, for use on call-out work order repairs. The storage area shall protect the state's equipment/materials from weather and water damage and be open to the Department during normal working hours.

Contractor's Electronic Mail and Facsimile Machine. The Contractor shall have electronic mail receiving and sending capabilities and a facsimile (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's Report of Defective Equipment. 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.

Contractor's Labor, Tools, and Equipment. The Contractor shall possess typical tools, locator and other various equipment including, but not limited to pickup trucks, line trucks, backhoes, trenchers, air compressors and other specialized electrical equipment.

- The contractor shall possess a self-propelled bucket truck capable of servicing overhead flashing beacons, pole mounted highway lighting units and interstate lighting.
- The Contractor shall furnish all labor, tools and equipment to successfully complete the work orders and carry out all duties and obligations imposed by the contract. Overtime work during nights, weekends, and holidays will be performed by the Contractor only for "emergency" call-outs or at the direction of the Department.
- All Contractor work crews shall be equipped with a cellular telephone to facilitate communications with work crews and to verify operating conditions of key electrical facilities. 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. No additional compensation for cellular telephone expenses will be allowed.
- Individual pieces of equipment not listed in the "Equipment Watch Rental Rate Blue Book" and having a replacement value of \$2,500.00 or less shall be considered to be tools or small equipment and no payment will be made for their use on this contract.
- The Contractor should utilize the appropriate equipment to complete the repair as authorized by the Department. If the Contractor chooses to use equipment that in the opinion of the Department is above and beyond what is required, additional compensation to the Contractor shall not be permitted above the appropriate amount as determined by the Department of what was necessary to complete the work order.
- If the Contractor utilized a trailer with the service vehicle, the cost of the trailer shall be included in the cost of the truck being used.

Contractor's Knockdown Documentation. The Contractor shall provide the Department with photographs of all on site knockdown debris to document the damage for third party claims. The photographs shall be 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. Identifying information should be included in the photographs as much as possible.

Contractor's Test Equipment. The Contractor shall provide all of its own testing instruments, as required, to service the facilities of the Department.

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

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

Contractor's Responsibility. The Contractor's responsibility shall be as follows:

- When repairing a damaged highway lighting standard, the Contractor shall reinstall any existing traffic signals or 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 signs 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 structure 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's contact.
- It shall be the Contractor's responsibility to promptly notify the Department, if for any reason, the Contractor cannot meet either the response time established at the issuance of the work order, or the response times established herein.
- The Contractor shall assume maintenance responsibility for the work area as defined in the work order upon the start of work until such time that all repairs as defined in the work order have been completed.
- The Contractor's maintenance responsibility shall include, but not limited to, all required traffic control as outlined elsewhere in the specials, removal, replacement or repairs as specified in the work order and the restoration of the work site when applicable.
- The Contractor's maintenance responsibility for the work area shall end with the final acceptance of the Engineer at the completion of the work order. The work shall be prosecuted in such a manner and with such supply of materials, equipment and labor as is considered necessary to ensure its completion according to the time specified in the above.

Contractor's Warranties for Supplies and Services. Contractor warrants that the supplies furnished under this contract

- Shall 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.
- Shall be merchantable or 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.

- Shall comply with all federal and state laws, regulations and ordinances pertaining to the manufacturing, packing, labeling, sale and delivery of the supplies.
- Shall be of good title and be free and clear of all liens and encumbrances.
- Shall 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's Workforce. The Contractor shall 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 required approval. In the event subcontracting of work is approved, the Contractor shall submit actual invoices and receipts or bills from the sub-contractor documenting the cost for labor, materials, supplies and components.

Article 108.02 of the Standard Specifications is hereby waived.

Article 108.03 of the Standard Specifications shall be revised to read as follows:

- a) Prosecution of Work. Immediately upon execution of the contract by the Department and for the duration of the contract, the Contractor shall accept work orders as specified in the contract.
- b) The Contractor shall respond to and begin work required under each work order as follows:

LEVEL 1 – Emergency Service Calls – Work crew/staff shall be at the location on the work order within two (2) hours of notification during normal work hours. Emergency Device Calls are defined as knocked down traffic signal pole, flashing beacons, highway lighting standards (poles) or controllers. Also an Emergency Device Call is if the whole traffic signal is out.

LEVEL 2 – Priority Non-Emergency Service Calls – Respond within 24 hours of issuance, complete work within five (5) days. Examples of priority non-emergency calls are:

- Flashing beacon out
- Critical highway lighting call
- Critical traffic signal call
- Critical flashing beacon call
- Twisted flashing beacon head
- Signal or lighting base loose
- Signal or lighting arm loose
- Broken signal or lighting handhole
- Critical rest area light out
- Five or more lights out at any interchange, intersection or rest area.

LEVEL 3 – Respond within 72 hours of issuance – Examples of these are cable locates, routine work at the rest area or weight station or to check detector loops within 72 hours (then follow up work order to repair detector loops).

LEVEL 4 – Routine work items – Complete work within 15 days of the date work order was issued. Routine work items are like four (4) or less lights out at interchange or intersection. Repair detector loops after LEVEL 3 checking detector loop.

LEVEL 5 – Annual inspection items – Complete work within 30 days of the date work order was issued. Annual inspections are tower and pole inspections. A follow up work order can be made for major work like needing a crane to repair cables.

- c) Failure to Meet Response Time. Should the Contractor fail to respond to a work order on time, 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), LEVEL 3 (Cable locate, or routine work at rest area or weight station, LEVEL 4 (Routine Work Items) and LEVEL 5 (Annual Inspection Items)

\$75.00 per day per work order

- For the purpose of calculating the LEVEL 2, 3, 4 and 5 monetary deduction, a day shall be any (or portion of) excluding the following:
- When adverse weather at the field work site prevents work on the controlling item of a work order.
- When job conditions at the field work site due to recent weather conditions prevent work on the controlling item of a work order.
- 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 satisfactorily, and in the manner specified in the contract.

## **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**

The Contractor shall receive the actual cost for parts and materials supplied (including transportation charges paid by the Contractor) to which cost 15 percent will be added. 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 \$100 for any single part must be submitted as documentation of parts and material 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 item(s)).

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 item(s)). 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 job site.

## **DEFINITIONS OF PAY ITEMS**

Journeyman Electrician. The journeyman electrician shall be designated as the "Lead Worker" sent out for a service repair. If only one worker is sent, that worker shall be the journeyman electrician. Only one (1) journeyman electrician is billable per work order. The journeyman electrician shall be certified according to all state and national electrical codes, standards and industry specifications. Variations to differing union rates are not permitted. The Contractor shall submit one (1) rate to cover the journeyman electrician classifications.

- Method of Measurement. Journeyman electrician will be measured for payment per hour. Labor rates for Journeyman electrician shall be inclusive of (but not limited to) all regular and premium time, insurance, benefits, overhead, and profit.

Weekday hourly rate is defined as the hourly rate charged for a worker Monday through Friday between the hours of 8:00 a.m. to 4:30 p.m. Exceptions granted only for National Holidays. The Contractor may choose an alternate time frame for "Weekday hours" of 7:00 a.m. to 3:30 p.m. if it more accurately reflects his/her labor agreement. Weekday hourly rates will be according to the prevailing wage and will include pension, benefits and overhead, and profit.

For measurement purposes, the journeyman electricians time will start upon departure from the “base of operations” after notification of the work order and will end at his(her) arrival at the “base of operations” following the completion of the work order. The journeyman electrician’s time will be measured to the nearest 0.25 hour.

- Basis of Payment. Journeyman electrician weekday hourly rate will be paid for at the contract unit price per hour for JOURNEYMAN ELECTRICIAN which price shall include all labor to complete the work as described on the work orders.

Apprentice Electrician. The apprentice electrician is any additional worker(s) required and sent to assist the journeyman electrician. For the purpose of definition, each additional worker sent to assist the journeyman electrician shall be billable at the apprentice electrician rate. Variations to differing union rates are not permitted. The Contractor shall submit one (1) rate to cover the apprentice electrician classifications. The value for the apprentice rate must be less than or equal to the journeyman rate. Any rates showing the apprentice electrician rate greater than the journeyman electrician rate will be rejected.

The apprentice electrician shall have the minimum qualifications according to all local and state electrical codes, standards and industry specifications.

- Method of Measurement. Apprentice electrician will be measured for payment per hour. Labor rates for Apprentice electrician shall be inclusive of (but not limited to) all regular and premium time, insurance, benefits, overhead, and profit.

Weekday hourly rate is defined as the hourly rate charged for a worker Monday through Friday between the hours of 8:00 a.m. to 4:30 p.m. Exceptions granted only for National Holidays. The Contractor may choose an alternate time frame for “Weekday hours” of 7:00 a.m. to 3:30 p.m. if it more accurately reflects his/her labor agreement. Weekday hourly rates will be according to the prevailing wage and will include pension, benefits and overhead profit.

For measurement purposes, the apprentice electricians time will start upon departure from the “base of operations” after notification of the work order and will end at his(her) arrival at the “base of operations” following the completion of the work order. The apprentice electrician’s time will be measured to the nearest 0.25 hour.

- Basis of Payment. Apprentice electrician will be paid for at the contract unit price per hour for APPRENTICE ELECTRICIAN which price shall include all labor to complete the work as described on the work orders.

Pickup Truck. The Contractor is required to furnish a pickup or van, for use in repairing highway lighting devices as specified on the work order.

- Method of Measurement. Pickup truck or van will be measured for payment per hour.

Truck rates include (but not limited to) the cost of fuel, and operating costs.

For measurement purposes, the trucks time will start upon departure from the “base of operations” after notification of the work order and will end at its arrival at the “base of operations” following the completion of the work order.

The trucks time will be measured to the nearest 0.25 hour.

- Basis of Payment. Pickup truck will be paid for at the contract unit price per hour for PICKUP TRUCK which price shall include operating and fuel costs in using the truck to complete the work as described on the work orders.

Bucket Truck (Length less than 35 feet). The Contractor is required to furnish a bucket truck with an extended reach of at least thirty-five (35) feet for use in repairing beacon flashers and similar highway electrical equipment. The bucket movement shall be fully operable by the electrician in the bucket.

- Method of Measurement. Bucket truck will be measured for payment per hour.

Bucket truck rates include (but not limited to) the cost of fuel, and operating costs.

For measurement purposes, the trucks time will start upon departure from the “base of operations” after notification of the work order and will end at its arrival at the “base of operations” following the completion of the work order.

The trucks time will be measured to the nearest 0.25 hour.

- Basis of Payment. Bucket truck will be paid for at the contract unit price per hour for BUCKET TRUCK (LENGTH LESS THAN 35 FEET) which price shall include operating and fuel costs in using the truck to complete the work as described on the work orders.

Bucket Truck (Length 35 feet to 65 feet). The Contractor is required to furnish a bucket truck with an extended reach of at least sixty-five (65) feet for use in repairing shoulder mount highway lighting and similar highway electrical equipment. The bucket movement shall be fully operable by the electrician in the bucket.

- Method of Measurement. Bucket truck will be measured for payment per hour.

Bucket truck rates include (but not limited to) the cost of fuel, and operating costs.

For measurement purposes, the trucks time will start upon departure from the “base of operations” after notification of the work order and will end at its arrival at the “base of operations” following the completion of the work order.

The trucks time will be measured to the nearest 0.25 hour.

- Basis of Payment. Bucket truck will be paid for at the contract unit price per hour for BUCKET TRUCK (LENGTH 35 FEET TO 65 FEET) which price shall include operating and fuel costs in using the truck to complete the work as described on the work orders.

Journeyman Electrician Weekday Overtime Rate. Weekday overtime rate is defined as the hourly rate charged for working on Monday through Friday outside the hours defined by the “Weekly Rate.” Weekday hourly rates will be according to the prevailing wage and will include pension, benefits and overhead profit. With the exception of a “Level 1” work order, weekday overtime will not be permitted unless authorized by the Department on the work order.

- Method of Measurement. Journeyman electrician weekday overtime rate will be measured for payment per hour.

For measurement purposes, the Journeyman Electricians time will start upon departure from the “base of operations” after notification of the work order and will end at its arrival at the “base of operations” following the completion of the work order.

- Basis of Payment. Journeyman Electrician weekday overtime rate will be paid for at the contract unit price per hour for JOURNEYMAN ELECTRICIAN (WEEKDAY OVERTIME RATE) which price shall include all labor to complete the work as described on the work orders.

Journeyman Electrician Saturday Overtime Rate. Saturday overtime rate is defined as the hourly rate charged for working on Saturday. Saturday hourly rates will be according to the prevailing wage and will include pension, benefits and overhead profit. With the exception of a "Level 1" work order, Saturday overtime will not be permitted unless authorized by the Department on the work order.

- Method of Measurement. Journeyman electrician Saturday overtime rate will be measured for payment per hour.

For measurement purposes, the Journeyman Electricians time will start upon departure from the "base of operations" after notification of the work order and will end at its arrival at the "base of operations" following the completion of the work order.

- Basis of Payment. Journeyman Electrician Saturday overtime rate will be paid for at the contract unit price per hour for JOURNEYMAN ELECTRICIAN (SATURDAY OVERTIME RATE) which price shall include all labor to complete the work as described on the work orders.

Journeyman Electrician Sunday and Holiday Overtime Rate. Sunday and holiday overtime rate is defined as the hourly rate charged for working on Sundays or holidays. Sundays or holiday hourly rates will be according to the prevailing wage and will include pension, benefits and overhead profit. With the exception of a "Level 1" work order, Sunday or holiday overtime will not be permitted unless authorized by the Department on the work order.

- Method of Measurement. Journeyman electrician Sunday or holiday overtime rate will be measured for payment per hour.

For measurement purposes, the Journeyman Electricians time will start upon departure from the "base of operations" after notification of the work order and will end at its arrival at the "base of operations" following the completion of the work order.

- Basis of Payment. Journeyman Electrician Sundays or holidays overtime rate will be paid for at the contract unit price per hour for JOURNEYMAN ELECTRICIAN (SUNDAY OR HOLIDAY OVERTIME RATE) which price shall include all labor to complete the work as described on the work orders.

Apprentice Electrician Weekday Overtime Rate. Weekday overtime rate is defined as the hourly rate charged for working on Monday through Friday outside the hours defined by the “Weekly Rate.” Weekday hourly rates will be according to the prevailing wage and will include pension, benefits and overhead profit. With the exception of a “Level 1” work order, Weekday overtime will not be permitted unless authorized by the Department on the work order.

- Method of Measurement. Apprentice electrician weekday overtime rate will be measured for payment per hour.

For measurement purposes, the apprentice electricians time will start upon departure from the “base of operations” after notification of the work order and will end at its arrival at the “base of operations” following the completion of the work order.

- Basis of Payment. Apprentice electricians weekday overtime rate will be paid for at the contract unit price per hour for APPRENTICE ELECTRICIAN (WEEKDAY OVERTIME RATE) which price shall include all labor to complete the work as described on the work orders.

Apprentice Electrician Saturday Overtime Rate. Saturday overtime rate is defined as the hourly rate charged for working on Saturday. Saturday hourly rates will be according to the prevailing wage and will include pension, benefits and overhead profit. With the exception of a “Level 1” work order, Saturday overtime will not be permitted unless authorized by the Department on the work order.

- Method of Measurement. Apprentice electricians Saturday overtime rate will be measured for payment per hour.

For measurement purposes, the apprentice electricians time will start upon departure from the “base of operations” after notification of the work order and will end at its arrival at the “base of operations” following the completion of the work order.

- Basis of Payment. Apprentice electricians saturday overtime rate will be paid for at the contract unit price per hour for APPRENTICE ELECTRICIAN (SATURDAY OVERTIME RATE) which price shall include all labor to complete the work as described on the work orders.

Apprentice Electrician Sunday and Holiday Overtime Rate. Sunday and holiday overtime rate is defined as the hourly rate charged for working on Sundays or holidays. Sundays or holiday hourly rates will be according to the prevailing wage and will include pension, benefits and overhead profit. With the exception of a "Level 1" work order, Sunday or holiday overtime will not be permitted unless authorized by the Department on the work order.

- Method of Measurement. Apprentice electrician Sunday or holiday overtime rate will be measured for payment per hour.

For measurement purposes, the Apprentice Electricians time will start upon departure from the "base of operations" after notification of the work order and will end at its arrival at the "base of operations" following the completion of the work order.

- Basis of Payment. Journeyman Electrician Sundays or holidays overtime rate will be paid for at the contract unit price per hour for APPRENTICE ELECTRICIAN (SUNDAY OR HOLIDAY OVERTIME RATE) which price shall include all labor to complete the work as described on the work orders.

## **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/non-emergency service calls shall 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 will 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 Contact and telephone number for the Contractor to contact with any questions regarding the work order.

If at the time of service being performed, additional work of a minor nature is determined to be necessary, the Contractor shall contact the Department to determine if that additional work should be addressed and indicate if the additional work could result in a substantial charge before proceeding with that work.

The date and time the Contractor's work crew departs from the "base of operations" and the date and time they arrive back at his(her) "base of operations", following the completion of work, 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 departure and arrival 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.



# Illinois Department of Transportation

Division of Highways / District 3  
700 East Norris Drive / Ottawa, Illinois / 61350-0697  
Telephone 815/434-6131

Various Routes  
Section D3 Lighting Repair 2017-2  
Bureau and LaSalle Counties  
Contract No. 66H10

## Call-Out Work Order for Electrical Service

Contractor		Date/Time Issued		Contractor Invoice No.	
Contract No.	Route	County/City		Date/Time Completed	
General Location				Date Submitted for Payment	
Work to be performed					
Response Level				Date Completed	
Special Instructions					
* Please be reminded to follow the appropriate IDOT Traffic Control Standards when performing this work.					
Is work performed as a result of an accident? (Circle)      YES                      NO				Accident Reference Number	
Work Authorized By		Date	Invoice Reviewed by		Date
					Supervisor Authorization      Date



## **AUTOMATED FLAGGER ASSISTANCE DEVICES (BDE)**

Effective: January 1, 2008

Description. This work shall consist of furnishing and operating automated flagger assistance devices (AFADs) as part of the work zone traffic control and protection for two-lane highways where two-way traffic is maintained over one lane of pavement. Use of these devices shall be at the option of the Contractor.

Equipment. AFADs shall be according to the FHWA memorandum, "MUTCD - Revised Interim Approval for the use of Automated Flagger Assistance Devices in Temporary Traffic Control Zones (IA-4R)", dated January 28, 2005. The devices shall be mounted on a trailer or a moveable cart and shall meet the requirements of NCHRP 350, Category 4.

The AFAD shall be the Stop/Slow type. This device uses remotely controlled "STOP" and "SLOW" signs to alternately control right-of-way.

Signs for the AFAD shall be according to Article 701.03 of the Standard Specifications and the MUTCD. The signs shall be 24 x 24 in. (600 x 600 mm) having an octagon shaped "STOP" sign on one side and a diamond shaped "SLOW" sign on the opposite side. The letters on the signs shall be 8 in. (200 mm) high. If the "STOP" sign has louvers, the full sign face shall be visible at a distance of 50 ft (15 m) and greater.

The signs shall be supplemented with one of the following types of lights.

- (a) Flashing Lights. When flashing lights are used, white or red flashing lights shall be mounted within the "STOP" sign face and white or yellow flashing lights within the "SLOW" sign face.
- (b) Stop and Warning Beacons. When beacons are used, a stop beacon shall be mounted 24 in. (600 mm) or less above the "STOP" sign face and a warning beacon mounted 24 in. (600 mm) or less above, below, or to the side of the "SLOW" sign face. As an option, a Type B warning light may be used in lieu of the warning beacon.

A "WAIT ON STOP" sign shall be placed on the right hand side of the roadway at a point where drivers are expected to stop. The sign shall be 24 x 30 in. (600 x 750 mm) with a black legend and border on a white background. The letters shall be at least 6 in. (150 mm) high.

This device may include a gate arm or mast arm that descends to a horizontal position when the "STOP" sign is displayed and rises to a vertical position when the "SLOW" sign is displayed. When included, the end of the arm shall reach at least to the center of the lane being controlled. The arm shall have alternating red and white retroreflective stripes, on both sides, sloping downward at 45 degrees toward the side on which traffic will pass. The stripes shall be 6 in. (150 mm) in width and at least 2 in. (50 mm) in height.

Flagging Requirements. Flaggers and flagging requirements shall be according to Article 701.13 of the Standard Specifications and the following.

AFADs shall be placed at each end of the traffic control, where a flagger is shown on the plans. The flaggers shall be able to view the face of the AFAD and approaching traffic during operation.

To stop traffic, the "STOP" sign shall be displayed, the corresponding lights/beacon shall flash, and when included, the gate arm shall descend to a horizontal position. To permit traffic to move, the "SLOW" sign shall be displayed, the corresponding lights/beacon shall flash, and when included, the gate arm shall rise to a vertical position.

If used at night, the AFAD location shall be illuminated according to Section 701 of the Standard Specifications.

When not in use, AFADs will be considered nonoperating equipment and shall be stored according to Article 701.11 of the Standard Specifications.

Basis of Payment. This work will not be paid for separately but shall be considered as included in the cost of the various traffic control items included in the contract.

#### **COMPENSABLE DELAY COSTS (BDE)**

Effective: June 2, 2017

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

"(b) Compensation. Compensation will not be allowed for delays, inconveniences, or damages sustained by the Contractor from conflicts with facilities not meeting the above definition; or if a conflict with a utility in an unanticipated location does not cause a shutdown of the work or a documentable reduction in the rate of progress exceeding the limits set herein. The provisions of Article 104.03 notwithstanding, compensation for delays caused by a utility in an unanticipated location will be paid according to the provisions of this Article governing minor and major delays or reduced rate of production which are defined as follows.

- (1) Minor Delay. A minor delay occurs when the work in conflict with the utility in an unanticipated location is completely stopped for more than two hours, but not to exceed two weeks.
- (2) Major Delay. A major delay occurs when the work in conflict with the utility in an unanticipated location is completely stopped for more than two weeks.
- (3) Reduced Rate of Production Delay. A reduced rate of production delay occurs when the rate of production on the work in conflict with the utility in an unanticipated location decreases by more than 25 percent and lasts longer than seven calendar days."

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

“(c) Payment. Payment for Minor, Major, and Reduced Rate of Production Delays will be made as follows.

- (1) Minor Delay. Labor idled which cannot be used on other work will be paid for according to Article 109.04(b)(1) and (2) for the time between start of the delay and the minimum remaining hours in the work shift required by the prevailing practice in the area.

Equipment idled which cannot be used on other work, and which is authorized to standby on the project site by the Engineer, will be paid for according to Article 109.04(b)(4).

- (2) Major Delay. Labor will be the same as for a minor delay.

Equipment will be the same as for a minor delay, except Contractor-owned equipment will be limited to two weeks plus the cost of move-out to either the Contractor's yard or another job and the cost to re-mobilize, whichever is less. Rental equipment may be paid for longer than two weeks provided the Contractor presents adequate support to the Department (including lease agreement) to show retaining equipment on the job is the most economical course to follow and in the public interest.

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

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

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

“(b) No working day will be charged under the following conditions.

- (1) When adverse weather prevents work on the controlling item.
- (2) When job conditions due to recent weather prevent work on the controlling item.
- (3) When conduct or lack of conduct by the Department or its consultants, representatives, officers, agents, or employees; delay by the Department in making the site available; or delay in furnishing any items required to be furnished to the Contractor by the Department prevents work on the controlling item.

- (4) When delays caused by utility or railroad adjustments prevent work on the controlling item.
- (5) When strikes, lock-outs, extraordinary delays in transportation, or inability to procure critical materials prevent work on the controlling item, as long as these delays are not due to any fault of the Contractor.
- (6) When any condition over which the Contractor has no control prevents work on the controlling item.”

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

“(f) Basis of Payment. After resolution of a claim in favor of the Contractor, any adjustment in time required for the work will be made according to Section 108. Any adjustment in the costs to be paid will be made for direct labor, direct materials, direct equipment, direct jobsite overhead, direct offsite overhead, and other direct costs allowed by the resolution. Adjustments in costs will not be made for interest charges, loss of anticipated profit, undocumented loss of efficiency, home office overhead and unabsorbed overhead other than as allowed by Article 109.13, lost opportunity, preparation of claim expenses and other consequential indirect costs regardless of method of calculation.

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

Add the following to Section 109 of the Standard Specifications.

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

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

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

- (a) Escalated Material and/or Labor Costs. When the delay causes work, which would have otherwise been completed, to be done after material and/or labor costs have increased, such increases will be paid. Payment for escalated material costs will be limited to the increased costs substantiated by documentation furnished by the Contractor. Payment for escalated labor costs will be limited to those items in Article 109.04(b)(1) and (2), except the 35 percent and 10 percent additives will not be permitted.

(b) Extended Project Overhead. For the duration of the delay, payment for extended project overhead will be paid as follows.

(1) Direct Jobsite and Offsite Overhead. Payment for documented direct jobsite overhead and documented direct offsite overhead, including onsite supervisory and administrative personnel, will be allowed according to the following table.

Original Contract Amount	Supervisory and Administrative Personnel
Up to \$5,000,000	One Project Superintendent
Over \$ 5,000,000 - up to \$25,000,000	One Project Manager, One Project Superintendent or Engineer, and One Clerk
Over \$25,000,000 - up to \$50,000,000	One Project Manager, One Project Superintendent, One Engineer, and One Clerk
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 working day contracts the payment will be made according to Article 109.04. For completion date contracts, an adjustment will be determined as follows.

Extended Traffic Control occurs between April 1 and November 30:

$$\text{ETCP Adjustment (\$)} = \text{TE} \times (\% / 100 \times \text{CUP} / \text{OCT})$$

Extended Traffic Control occurs between December 1 and March 31:

$$\text{ETCP Adjustment (\$)} = \text{TE} \times 1.5 (\% / 100 \times \text{CUP} / \text{OCT})$$

Where: TE = Duration of approved time extension in calendar days.  
 % = Percent maintenance for the traffic control, % (see table below).  
 CUP = Contract unit price for the traffic control pay item in place during the delay.  
 OCT = Original contract time in calendar days.

Original Contract Amount	Percent Maintenance
Up to \$2,000,000	65%
\$2,000,000 to \$10,000,000	75%
\$10,000,000 to \$20,000,000	85%
Over \$20,000,000	90%

When an ETCP 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 (BDE)**

Effective: September 1, 2000

Revised: July 2, 2016

**FEDERAL 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 by the Department in accordance with the requirements of 49 CFR Part 26 and listed in the Illinois Unified Certification Program (IL UCP) DBE Directory.

**STATE OBLIGATION.** This Special Provision will also be used by the Department to satisfy the requirements of the Business Enterprise for Minorities, Females, and Persons with Disabilities Act, 30 ILCS 575. When this Special Provision is used to satisfy state law requirements on 100 percent state-funded contracts, the federal government has no involvement in such contracts (not a federal-aid contract) and no responsibility to oversee the implementation of this Special Provision by the Department on those contracts. DBE participation on 100 percent state-funded contracts will not be credited toward fulfilling the Department's annual overall DBE goal required by the US Department of Transportation to comply with the federal DBE program requirements.

**CONTRACTOR ASSURANCE.** The Contractor makes the following assurance and agrees to include the assurance in each subcontract that the Contractor signs with a subcontractor.

The Contractor, subrecipient, or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The Contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of contracts funded in whole or in part with federal or state funds. Failure by the Contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the recipient deems appropriate, which may include, but is not limited to:

- (a) Withholding progress payments;
- (b) Assessing sanctions;
- (c) Liquidated damages; and/or
- (d) Disqualifying the Contractor from future bidding as non-responsible.

OVERALL GOAL SET FOR THE DEPARTMENT. As a requirement of compliance with 49 CFR Part 26, the Department has set an overall goal for DBE participation in its federally assisted contracts. That goal applies to all federal-aid funds the Department will expend in its federally assisted contracts for the subject reporting fiscal year. The Department is required to make a good faith effort to achieve the overall goal. The dollar amount paid to all approved DBE companies performing work called for in this contract is eligible to be credited toward fulfillment of the Department's overall goal.

CONTRACT GOAL TO BE ACHIEVED BY THE CONTRACTOR. This contract includes a specific DBE utilization goal established by the Department. The goal has been included because the Department has determined that the work of this contract has subcontracting opportunities that may be suitable for performance by DBE companies. The determination is based on an assessment of the type of work, the location of the work, and the availability of DBE companies to do a part of the work. The assessment indicates 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. A bidder makes a good faith effort for award consideration if either of the following is done in accordance with the procedures set for in this Special Provision:

- (a) The bidder documents that enough DBE participation has been obtained to meet the goal or,
- (b) The bidder documents that a good faith effort has been made to meet the goal, even though the effort did not succeed in obtaining enough DBE participation to meet the goal.

DBE LOCATOR REFERENCES. Bidders shall consult the IL UCP DBE Directory as a reference source for DBE-certified companies. In addition, the Department maintains a letting and item specific DBE locator information system whereby DBE companies can register their interest in providing quotes on particular bid items advertised for letting. Information concerning DBE companies willing to quote work for particular contracts may be obtained by contacting the Department's Bureau of Small Business Enterprises at telephone number (217) 785-4611, or by visiting the Department's website at:

<http://www.idot.illinois.gov/doing-business/certifications/disadvantaged-business-enterprise-certification/il-ucp-directory/index>.



**BIDDING PROCEDURES.** Compliance with this Special Provision is required prior to the award of the contract and the failure of the low bidder to comply will render the bid not responsive.

In order to assure the timely award of the contract, the low bidder shall submit:

- (a) The bidder shall submit a DBE Utilization Plan on completed Department forms SBE 2025 and 2026.
  - (1) The final Utilization Plan must be submitted within five calendar days after the date of the letting in accordance with subsection (a)(2) of Bidding Procedures herein.
  - (2) To meet the five day requirement, the bidder may send the Utilization Plan electronically by scanning and sending to [DOT.DBE.UP@illinois.gov](mailto:DOT.DBE.UP@illinois.gov) or faxing to (217) 785-1524. The subject line must include the bid Item Number and the Letting date. The Utilization Plan should be sent as one .pdf file, rather than multiple files and emails for the same Item Number. It is the responsibility of the bidder to obtain confirmation of email or fax delivery.

Alternatively, the Utilization Plan may be sent by certified mail or delivery service within the five calendar day period. If a question arises concerning the mailing date of a Utilization Plan, the mailing date will be established by the U.S. Postal Service postmark on the certified mail receipt from the U.S. Postal Service or the receipt issued by a delivery service when the Utilization Plan is received by the Department. It is the responsibility of the bidder to ensure the postmark or receipt date is affixed within the five days if the bidder intends to rely upon mailing or delivery to satisfy the submission day requirement. The Utilization Plan is to be submitted to:

Illinois Department of Transportation  
Bureau of Small Business Enterprises  
Contract Compliance Section  
2300 South Dirksen Parkway, Room 319  
Springfield, Illinois 62764

The Department will not accept a Utilization Plan if it does not meet the five day submittal requirement and the bid will be declared not responsive. In the event the bid is declared not responsive due to a failure to submit a Utilization Plan or failure to comply with the bidding procedures set forth herein, 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. The Department reserves the right to invite any other bidder to submit a Utilization Plan at any time for award consideration.

- (b) The Utilization Plan shall indicate that the bidder either has obtained sufficient DBE participation commitments to meet the contract goal or has not obtained enough DBE participation commitments in spite of a good faith effort to meet the goal. The Utilization Plan shall further provide the name, telephone number, and telefax number of a responsible official of the bidder designated for purposes of notification of Utilization Plan approval or disapproval under the procedures of this Special Provision.
- (c) The Utilization Plan shall include a DBE Participation Commitment Statement, Department form SBE 2025, for each DBE proposed for the performance of work to achieve the contract goal. For bidding purposes, submission of the completed SBE 2025 forms, signed by the DBEs and scanned or faxed to the bidder will be acceptable as long as the original is available and provided upon request. All elements of information indicated on the said form shall be provided, including but not limited to the following:
- (1) The names and addresses of DBE firms that will participate in the contract;
  - (2) A description, including pay item numbers, of the work each DBE will perform;
  - (3) The dollar amount of the participation of each DBE firm participating. The dollar amount of participation for identified work shall specifically state the quantity, unit price, and total subcontract price for the work to be completed by the DBE. If partial pay items are to be performed by the DBE, indicate the portion of each item, a unit price where appropriate and the subcontract price amount;
  - (4) DBE Participation Commitment Statements, form SBE 2025, signed by the bidder and each participating DBE firm documenting the commitment to use the DBE subcontractors whose participation is submitted to meet the contract goal;
  - (5) If the bidder is a joint venture comprised of DBE companies and non-DBE companies, the Utilization Plan must also include a clear identification of the portion of the work to be performed by the DBE partner(s); and,
  - (6) If the contract goal is not met, evidence of good faith efforts; the documentation of good faith efforts must include copies of each DBE and non-DBE subcontractor quote submitted to the bidder when a non-DBE subcontractor is selected over a DBE for work on the contract.

GOOD FAITH EFFORT PROCEDURES. The contract will not be awarded until the Utilization Plan submitted by the apparent successful bidder is approved. All information submitted by the bidder must be complete, accurate and adequately document that enough DBE participation has been obtained or document that good faith efforts of the bidder, in the event enough DBE participation has not been obtained, before the Department will 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 bidder submits sufficient documentation of a good faith effort to meet the contract goal pursuant to 49 CFR Part 26, Appendix A. The Utilization Plan will not be approved by the Department if the Utilization Plan does not document sufficient DBE participation to meet the contract goal unless the apparent successful bidder documented in the Utilization Plan that it made a good faith effort to meet the goal. This means that the bidder must show that all necessary and reasonable steps were taken to achieve the contract goal. Necessary and reasonable steps are those which, by their scope, intensity and appropriateness to the objective, could reasonably be expected to obtain sufficient DBE participation, even if they were not successful. The Department will consider the quality, quantity, and intensity of the kinds of efforts that the bidder has made. Mere *pro forma* efforts, in other words, efforts done as a matter of form, are not good faith efforts; rather, the bidder is expected to have taken genuine efforts that would be reasonably expected of a bidder actively and aggressively trying to obtain DBE participation sufficient to meet the contract goal.

- (a) The following is a list of types of action that the Department will consider as part of the evaluation of the bidder's good faith efforts to obtain participation. These listed factors are not intended to be a mandatory checklist and are not intended to be exhaustive. Other factors or efforts brought to the attention of the Department may be relevant in appropriate cases, and will be considered by the Department.
- (1) Soliciting through all reasonable and available means (e.g. attendance at pre-bid meetings, advertising and/or written notices) the interest of all certified DBE companies that have the capability to perform the work of the contract. The bidder must solicit this interest within sufficient time to allow the DBE companies to respond to the solicitation. The bidder must determine with certainty if the DBE companies are interested by taking appropriate steps to follow up initial solicitations.
  - (2) Selecting portions of the work to be performed by DBE companies in order to increase the likelihood that the DBE goals will be achieved. This includes, where appropriate, breaking out contract work items into economically feasible units to facilitate DBE participation, even when the prime Contractor might otherwise prefer to perform these work items with its own forces.
  - (3) Providing interested DBE companies with adequate information about the plans, specifications, and requirements of the contract in a timely manner to assist them in responding to a solicitation.

- (4) a. Negotiating in good faith with interested DBE companies. It is the bidder's responsibility to make a portion of the work available to DBE subcontractors and suppliers and to select those portions of the work or material needs consistent with the available DBE subcontractors and suppliers, so as to facilitate DBE participation. Evidence of such negotiation includes the names, addresses, and telephone numbers of DBE companies that were considered; a description of the information provided regarding the plans and specifications for the work selected for subcontracting; and evidence as to why additional agreements could not be reached for DBE companies to perform the work.
  - b. A bidder using good business judgment would consider a number of factors in negotiating with subcontractors, including DBE subcontractors, and would take a firm's price and capabilities as well as contract goals into consideration. However, the fact that there may be some additional costs involved in finding and using DBE companies is not in itself sufficient reason for a bidder's failure to meet the contract DBE goal, as long as such costs are reasonable. Also the ability or desire of a bidder to perform the work of a contract with its own organization does not relieve the bidder of the responsibility to make good faith efforts. Bidders are not, however, required to accept higher quotes from DBE companies if the price difference is excessive or unreasonable. In accordance with subsection (c)(6) of the above Bidding Procedures, the documentation of good faith efforts must include copies of each DBE and non-DBE subcontractor quote submitted to the bidder when a non-DBE subcontractor was selected over a DBE for work on the contract.
- (5) Not rejecting DBE companies as being unqualified without sound reasons based on a thorough investigation of their capabilities. The bidder's standing within its industry, membership in specific groups, organizations, or associations and political or social affiliations (for example union vs. non-union employee status) are not legitimate causes for the rejection or non-solicitation of bids in the bidder's efforts to meet the project goal.
  - (6) Making efforts to assist interested DBE companies in obtaining bonding, lines of credit, or insurance as required by the recipient or Contractor.
  - (7) Making efforts to assist interested DBE companies in obtaining necessary equipment, supplies, materials, or related assistance or services.
  - (8) Effectively using the services of available minority/women community organizations; minority/women contractors' groups; local, state, and federal minority/women business assistance offices; and other organizations as allowed on a case-by-case basis to provide assistance in the recruitment and placement of DBE companies.

- (b) If the Department determines that the apparent successful bidder has made a good faith effort to secure the work commitment of DBE companies to meet the contract goal, the Department will award the contract provided that it is otherwise eligible for award. If the Department determines that the bidder has failed to meet the requirements of this Special Provision or that a good faith effort has not been made, the Department will notify the responsible company official designated in the Utilization Plan that the bid is not responsive. The notification shall include a statement of reasons for the determination. If the Utilization Plan is not approved because it is deficient as a technical matter, unless waived by the Department, the bidder will be notified and will be allowed no more than a five calendar day period in order to cure the deficiency.
- (c) The bidder may request administrative reconsideration of a determination adverse to the bidder within the five working days after the receipt of the notification date of the determination by delivering the request to the Department of Transportation, Bureau of Small Business Enterprises, Contract Compliance Section, 2300 South Dirksen Parkway, Room 319, Springfield, Illinois 62764 (Telefax: (217) 785-1524). Deposit of the request in the United States mail on or before the fifth business day shall not be deemed delivery. The determination shall become final if a request is not made and delivered. A request may provide additional written documentation or argument concerning the issues raised in the determination statement of reasons, provided the documentation and arguments address efforts made prior to submitting the bid. The request will be forwarded to the Department's Reconsideration Officer. The Reconsideration Officer will extend an opportunity to the bidder to meet in person in order to consider all issues of documentation and whether the bidder made a good faith effort to meet the goal. After the review by the Reconsideration Officer, the bidder will be sent a written decision within ten working days after receipt of the request for consideration, explaining the basis for finding that the bidder did or did not meet the goal or make adequate good faith efforts to do so. A final decision by the Reconsideration Officer that a good faith effort was made shall approve the Utilization Plan submitted by the bidder and shall clear the contract for award. A final decision that a good faith effort was not made shall render the bid not responsive.

CALCULATING DBE PARTICIPATION. The Utilization Plan values represent work anticipated to be performed 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 companies. 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 counting guidelines are provided in 49 CFR Part 26.55, the provisions of which govern over the summary contained herein.

- (a) DBE as the Contractor: 100 percent goal credit for that portion of the work performed by the DBE's own forces, including the cost of materials and supplies. Work that a DBE subcontracts to a non-DBE does not count toward the DBE goals.

- (b) DBE as a joint venture Contractor: 100 percent goal credit for that portion of the total dollar value of the contract equal to the distinct, clearly defined portion of the work performed by the DBE's own forces.
- (c) DBE as a subcontractor: 100 percent goal credit for the work of the subcontract performed by the DBE's own forces, including the cost of materials and supplies, excluding the purchase of materials and supplies or the lease of equipment by the DBE subcontractor from the prime Contractor or its affiliates. Work that a DBE subcontractor in turn subcontracts to a non-DBE does not count toward the DBE goal.
- (d) DBE as a trucker: 100 percent goal credit for trucking participation provided the DBE is responsible for the management and supervision of the entire trucking operation for which it is responsible. At least one truck owned, operated, licensed, and insured by the DBE must be used on the contract. Credit will be given for the following:
  - (1) The DBE may lease trucks from another DBE firm, including an owner-operator who is certified as a DBE. The DBE who leases trucks from another DBE receives credit for the total value of the transportation services the lessee DBE provides on the contract.
  - (2) The DBE may also lease trucks from a non-DBE firm, including from an owner-operator. The DBE who leases trucks from a non-DBE is entitled to credit only for the fee or commission is receives as a result of the lease arrangement.
- (e) DBE as a material supplier:
  - (1) 60 percent goal credit for the cost of the materials or supplies purchased from a DBE regular dealer.
  - (2) 100 percent goal credit for the cost of materials of supplies obtained from a DBE manufacturer.
  - (3) 100 percent credit for the value of reasonable fees and commissions for the procurement of materials and supplies if not a DBE regular dealer or DBE manufacturer.

**CONTRACT COMPLIANCE.** Compliance with this Special Provision is an essential part of the contract. 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 goals has been paid to the DBE. The following administrative procedures and remedies govern the compliance by the Contractor with the contractual obligations established by the Utilization Plan. After approval of the Utilization Plan and award of the contract, the Utilization Plan and individual DBE Participation Statements become part of the contract. If the Contractor did not succeed in obtaining enough DBE participation to achieve the advertised contract goal, and the Utilization Plan was approved and contract awarded based upon a determination of good faith, the total dollar value of DBE work calculated in the approved Utilization Plan as a percentage of the awarded contract value shall become the amended contract goal. All work indicated for performance by an approved DBE shall be performed, managed, and supervised by the DBE executing the DBE Participation Commitment Statement.

- (a) **NO AMENDMENT.** No amendment to the Utilization Plan may be made without prior written approval from the Department's Bureau of Small Business Enterprises. All requests for amendment to the Utilization Plan shall be submitted to the Department of Transportation, Bureau of Small Business Enterprises, Contract Compliance Section, 2300 South Dirksen Parkway, Room 319, Springfield, Illinois 62764. Telephone number (217) 785-4611. Telefax number (217) 785-1524.
- (b) **CHANGES TO WORK.** Any deviation from the DBE condition-of-award or contract plans, specifications, or special provisions must be approved, in writing, by the Department as provided elsewhere in the Contract. The Contractor shall notify affected DBEs in writing of any changes in the scope of work which result in a reduction in the dollar amount condition-of-award to the contract. Where the revision includes work committed to a new DBE subcontractor, not previously involved in the project, then a Request for Approval of Subcontractor, Department form BC 260A or AER 260A, must be signed and submitted. If the commitment of work is in the form of additional tasks assigned to an existing subcontract, then a new Request for Approval of Subcontractor shall not be required. However, the Contractor must document efforts to assure that the existing DBE subcontractor is capable of performing the additional work and has agreed in writing to the change.
- (c) **SUBCONTRACT.** The Contractor must provide DBE subcontracts to IDOT 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.

- (d) ALTERNATIVE WORK METHODS. In addition to the above requirements for reductions in the condition of award, additional requirements apply to the two cases of Contractor-initiated work substitution proposals. Where the contract allows alternate work methods which serve to delete or create underruns in condition of award DBE work, and the Contractor selects that alternate method or, where the Contractor proposes a substitute work method or material that serves to diminish or delete work committed to a DBE and replace it with other work, then the Contractor must demonstrate one of the following:
- (1) That the replacement work will be performed by the same DBE (as long as the DBE is certified in the respective item of work) in a modification of the condition of award; or
  - (2) That the DBE is aware that its work will be deleted or will experience underruns and has agreed in writing to the change. If this occurs, the Contractor shall substitute other work of equivalent value to a certified DBE or provide documentation of good faith efforts to do so; or
  - (3) That the DBE is not capable of performing the replacement work or has declined to perform the work at a reasonable competitive price. If this occurs, the Contractor shall substitute other work of equivalent value to a certified DBE or provide documentation of good faith efforts to do so.
- (e) TERMINATION AND REPLACEMENT PROCEDURES. The Contractor shall not terminate or replace a DBE listed on the approved Utilization Plan, or perform with other forces work designated for a listed DBE except as provided in this Special Provision. The Contractor shall utilize the specific DBEs listed to perform the work and supply the materials for which each is listed unless the Contractor obtains the Department's written consent as provided in subsection (a) of this part. Unless Department consent is provided for termination of a DBE subcontractor, the Contractor shall not be entitled to any payment for work or material unless it is performed or supplied by the DBE in the Utilization Plan.

As stated above, the Contractor shall not terminate or replace a DBE subcontractor listed in the approved Utilization Plan without prior written consent. This includes, but is not limited to, instances in which the Contractor seeks to perform work originally designated for a DBE subcontractor with its own forces or those of an affiliate, a non-DBE firm, or with another DBE firm. Written consent will be granted only if the Bureau of Small Business Enterprises agrees, for reasons stated in its concurrence document, that the Contractor has good cause to terminate or replace the DBE firm. Before transmitting to the Bureau of Small Business Enterprises any request to terminate and/or substitute a DBE subcontractor, the Contractor shall give notice in writing to the DBE subcontractor, with a copy to the Bureau, of its intent to request to terminate and/or substitute, and the reason for the request. The Contractor shall give the DBE five days to respond to the Contractor's notice. The DBE so notified shall advise the Bureau and the Contractor of the reasons, if any, why it objects to the proposed termination of its subcontract and why the Bureau should not approve the Contractor's action. If required in a particular case as a matter of public necessity, the Bureau may provide a response period shorter than five days.



For purposes of this paragraph, good cause includes the following circumstances:

- (1) The listed DBE subcontractor fails or refuses to execute a written contract;
- (2) The listed DBE subcontractor fails or refuses to perform the work of its subcontract in a way consistent with normal industry standards. Provided, however, that good cause does not exist if the failure or refusal of the DBE subcontractor to perform its work on the subcontract results from the bad faith or discriminatory action of the prime contractor;
- (3) The listed DBE subcontractor fails or refuses to meet the prime Contractor's reasonable, nondiscriminatory bond requirements;
- (4) The listed DBE subcontractor becomes bankrupt, insolvent, or exhibits credit unworthiness;
- (5) The listed DBE subcontractor is ineligible to work on public works projects because of suspension and debarment proceedings pursuant 2 CFR Parts 180, 215 and 1200 or applicable state law.
- (6) You have determined that the listed DBE subcontractor is not a responsible contractor;
- (7) The listed DBE subcontractor voluntarily withdraws from the projects and provides to you written notice of its withdrawal;
- (8) The listed DBE is ineligible to receive DBE credit for the type of work required;
- (9) A DBE owner dies or becomes disabled with the result that the listed DBE subcontractor is unable to complete its work on the contract;
- (10) Other documented good cause that compels the termination of the DBE subcontractor. Provided, that good cause does not exist if the prime Contractor seeks to terminate a DBE it relied upon to obtain the contract so that the prime Contractor can self-perform the work for which the DBE contractor was engaged or so that the prime Contractor can substitute another DBE or non-DBE contractor after contract award.

When a DBE is terminated, or fails to complete its work on the Contract for any reason the Contractor shall make a good faith effort to find another DBE to substitute for the original DBE to perform at least the same amount of work under the contract as the terminated DBE to the extent needed to meet the established Contract goal. The good faith efforts shall be documented by the Contractor. If the Department requests documentation under this provision, the Contractor shall submit the documentation within seven days, which may be extended for an additional seven days if necessary at the request of the Contractor. The Department shall provide a written determination to the Contractor stating whether or not good faith efforts have been demonstrated.

- (f) PAYMENT RECORDS. The Contractor shall maintain a record of payments for work performed to the DBE participants. The records shall be made available to the Department for inspection upon request. After the performance of the final item of work or delivery of material by a DBE and final payment therefore to the DBE by the Contractor, but not later than thirty 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 on Department form SBE 2115 to the Resident Engineer. If full and final payment has not been made to the DBE, the DBE Payment Agreement shall indicate whether a disagreement as to the payment required exists between the Contractor and the DBE or if the Contractor believes that the work has not been satisfactorily completed. 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. The Contractor may request an administrative reconsideration of any amount deducted as damages pursuant to subsection (h) of this part.
- (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.
- (h) RECONSIDERATION. Notwithstanding any other provision of the contract, including but not limited to Article 109.09 of the Standard Specifications, the Contractor may request administrative reconsideration of a decision to deduct the amount of the goal not achieved as liquidated damages. A request to reconsider shall be delivered to the Contract Compliance Section and shall be handled and considered in the same manner as set forth in paragraph (c) of "Good Faith Effort Procedures" of this Special Provision, except a final decision that a good faith effort was not made during contract performance to achieve the goal agreed to in the Utilization Plan shall be the final administrative decision of the Department. The result of the reconsideration process is not administratively appealable to the U.S. Department of Transportation.

**PORTABLE CHANGEABLE MESSAGE SIGNS (BDE)**

Effective: November 1, 2016 Revised: April 1, 2017

Revise the second paragraph of Article 701.20(h) of the Standard Specifications to read:

“For all other portable changeable message signs, this work will be paid for at the contract unit price per calendar day for each sign as CHANGEABLE MESSAGE SIGN.”

Revise this second sentence of the first paragraph of Article 1106.02(i) of the Standard Specifications to read:

“The message panel shall be a minimum of 7 ft (2.1 m) above the edge of pavement in urban areas and a minimum of 5 ft (1.5 m) above the edge of pavement in rural areas, present a level appearance, and be capable of displaying up to eight characters in each of three lines at a time.”

**PROGRESS PAYMENTS (BDE)**

Effective: November 2, 2013

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

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

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

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

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

**SPEED DISPLAY TRAILER (BDE)**

Effective: April 2, 2014

Revised: January 1, 2017

Revise the third 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  $\pm 1$  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.”

**WEEKLY DBE TRUCKING REPORTS (BDE)**

Effective: June 2, 2012

Revised: April 2, 2015

The Contractor shall submit a weekly report of Disadvantaged Business Enterprise (DBE) trucks hired by the Contractor or subcontractors (i.e. not owned by the Contractor or subcontractors) that are used for DBE goal credit.

The report shall be submitted to the Engineer on Department form “SBE 723” within ten business days following the reporting period. The reporting period shall be Monday through Sunday 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.

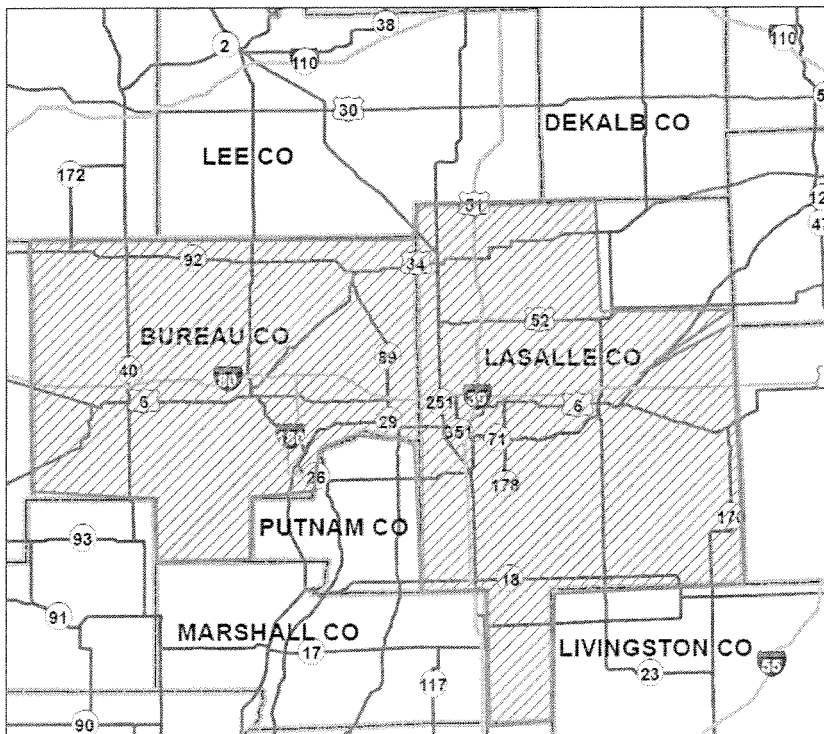
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIOUS	D3 LIGHTING REPAIR 2017-2	BUREAU & LASALLE	4	1
		ILLINOIS	CONTRACT NO. 66H10	

# PROPOSED HIGHWAY PLANS

VARIOUS ROUTES  
SECTION D3 LIGHTING REPAIR 2017-2

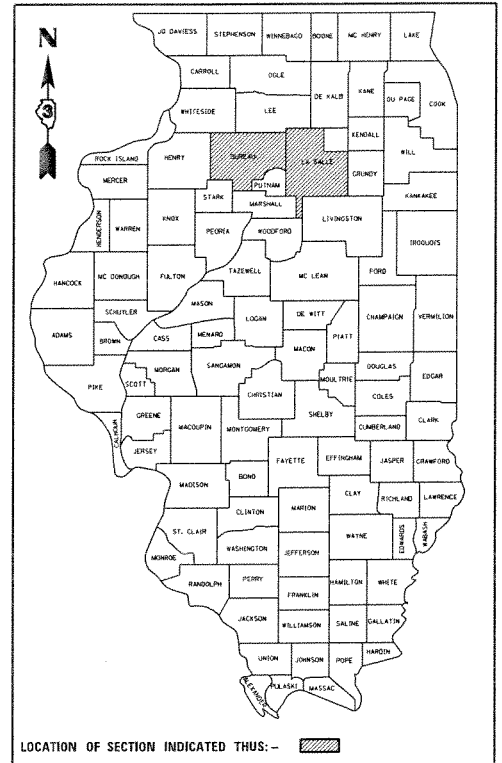
AREA TWO ON CALL LIGHTING REPAIR  
BUREAU & LASALLE COUNTIES  
C-93-033-17



J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123  
OR 811

PROJECT ENGINEER: DAN DEVINE P.E.  
UNIT CHIEF: KEN BANGA  
TOWNSHIPS: VARIOUS  
CONTRACT NO. 66H10

D-93-032-17



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED 2-7 20 17  
*K. Maubach*  
REGIONAL ENGINEER

\_\_\_\_ 20 \_\_\_\_  
ENGINEER OF DESIGN AND ENVIRONMENT

\_\_\_\_ 20 \_\_\_\_  
DIRECTOR OF PROGRAM DEVELOPMENT

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIOUS	D3 LIGHTING REPAIR 2017-2	BUREAU & LASALLE	4	2
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## INDEX OF SHEETS

1. COVER SHEET
2. INDEX OF SHEETS
3. GENERAL NOTES
4. SUMMARY OF QUANTITIES

## LIST OF ILLINOIS DOT HIGHWAY STANDARDS

701001-02	OFF-ROAD OPERATIONS 2L, 2W, MORE THAN 15' (4.5 m) AWAY
701006-05	OFF-ROAD OPERATIONS 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701101-05	OFF-ROAD OPERATIONS MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS $\geq$ 45 MPH
701206-03	LANE CLOSURE, 2L, 2W, NIGHT ONLY, FOR SPEEDS $\geq$ 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701400-09	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-10	LANE CLOSURE, FREEWAY/EXPRESSWAY
701406-11	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
701411-09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP FOR SPEEDS $\geq$ 45 MPH
701421-08	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS $\geq$ 45 MPH TO 55 MPH
701422-09	LANE CLOSURE, MULTILANE, FOR SPEEDS $\geq$ 45 MPH TO 55 MPH
701426-09	LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPERATION, FOR SPEEDS $\geq$ 45 MPH
701427-05	LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPERATION, FOR SPEEDS $\leq$ 40 MPH
701428-01	TRAFFIC CONTROL SETUP AND REMOVAL FREEWAY/EXPRESSWAY
701456-04	PARTIAL EXIT RAMP CLOSURE FREEWAY/EXPRESSWAY
701901-06	TRAFFIC CONTROL DEVICES

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		ILLINOIS	CONTRACT NO. 66H10	

**GENERAL NOTES**

THE LOCATIONS OF THE REPAIR AREAS SHALL BE DETERMINED BY THE ENGINEER.

REMOVAL OF DAMAGED MATERIALS SHALL INCLUDE DISMANTLING, LOADING, HAULING, AND DISPOSAL.

THE WORK SITE SHALL BE LEFT IN A SAFE AND ORDERLY CONDITION.

NO MATERIAL SHOULD BE LEFT ON OR NEAR THE ROADWAY.

ALL EXCAVATED MATERIAL, WHICH INCLUDED DIGGING OR GRADING OF ANY SOIL OR FILL MATERIAL, WITH THE EXCEPTION OF AGGREGATE FILLS, MUST BE LEFT ON, OR INCORPORATED WITHIN, THE IDOT RIGHT OF WAY DUE TO ENVIRONMENTAL DOCUMENTATION REQUIREMENTS.

ANY WORK ORDER MAY BE CANCELLED AT THE ENGINEERS DISCRETION.

NO OVERNIGHT LANE CLOSURES WILL BE ALLOWED.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.

THE CONTRACTOR IS ADVISED THAT THERE MAY BE PRESENCE OF DEPARTMENT OWNED UNDERGROUND ELECTRICAL CABLE WITHIN THE LIMITS OF THE PROPOSED IMPROVEMENT. THE CONTRACTOR SHALL REQUEST THE ILLINOIS DEPARTMENT OF TRANSPORTATION IN OTTAWA (815-434-8505) TO LOCATE THE UNDERGROUND FACILITIES, PROVIDING A MINIMUM 72 HOURS NOTICE. THE DEPARTMENT IS NOT A MEMBER OF THE JOINT UTILITY LOCATING INFORMATION FOR EXCAVATORS (JULIE) SYSTEM.

ALL DAMAGE TO DEPARTMENT OWNED UNDERGROUND FACILITIES, CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE DEPARTMENT AT THE CONTRACTOR'S EXPENSE. THIS SHALL INCLUDE ALL TEMPORARY REPAIRS 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.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE JULIE NUMBER IS 1-800-892-0123. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED.

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DISTRICT THREE  
AS BUILT INFORMATION

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DISTRICT THREE

\_\_\_\_\_  
SUPERVISING CONSTRUCTION FIELD ENGINEER

DATE: 2/7/17

\_\_\_\_\_  
RESIDENT ENGINEER / TECHNICIAN

PREPARED BY: [Signature]  
DISTRICT OPERATIONS ENGINEER

START & END DATES  
OF CONSTRUCTION:

EXAMINED BY: [Signature]  
DISTRICT STUDIES & PLANS ENGINEER

INSPECTORS:

\_\_\_\_\_  
DISTRICT CONSTRUCTION ENGINEER

[Signature]  
DISTRICT MATERIALS ENGINEER



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIOUS	D3 LIGHTING REPAIR 2017-2	BUREAU & LASALLE	4	4
ILLINOIS		CONTRACT NO. 66H10		

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				SEQ 01 LASALLE	SEQ 02 BUREAU
X7010410	SPEED DISPLAY TRAILER	CAL MO	1	0.5	0.5
X7011834	TRAFFIC CONTROL AND PROTECTION, CALL OUT WORK	EACH	3	2	1
XP000001	JOURNEYMAN ELECTRICIAN	HOUR	400	200	200
XP000002	APPRENTICE ELECTRICIAN	HOUR	100	50	50
XP000003	JOURNEYMAN ELECTRICIAN (WEEKLY OVERTIME RATE)	HOUR	20	10	10
XP000004	JOURNEYMAN ELECTRICIAN (SATURDAY OVERTIME RATE)	HOUR	20	10	10
XP000005	JOURNEYMAN ELECTRICIAN (SUNDAY AND HOLIDAY OVERTIME RATE)	HOUR	10	5	5
XP000006	APPRENTICE ELECTRICIAN (WEEKLY OVERTIME RATE)	HOUR	20	10	10
XP000007	APPRENTICE ELECTRICIAN (SATURDAY OVERTIME RATE)	HOUR	20	10	10
XP000008	APPRENTICE ELECTRICIAN (SUNDAY AND HOLIDAY OVERTIME RATE)	HOUR	10	5	5
XP000009	PICK-UP TRUCK	HOUR	250	125	125
XP000010	BUCKET TRUCK (LENGTH LESS THAN 35 FEET)	HOUR	30	15	15
XP000011	BUCKET TRUCK (LENGTH 35 TO 65 FEET)	HOUR	60	30	30

CONSTR. CODE  
STATE FUNDS  
100%  
ROADWAY  
0021  
RURAL  
BUREAU

## **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.