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March 10, 2023 Letting

Notice to Bidders, Specifications and Proposal



**Illinois Department
of Transportation**

**Contract No. 76R88
Various Counties
Section DIST 8 LTS 2023-2
Various Routes
District 8 Construction Funds**

Prepared by

S

Checked by

(Printed by authority of the State of Illinois)



NOTICE TO BIDDERS

- 1. TIME AND PLACE OF OPENING BIDS.** Electronic bids are to be submitted to the electronic bidding system (iCX-Integrated Contractors Exchange). All bids must be submitted to the iCX system prior to 12:00 p.m. March 10, 2023 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. 76R88
Various Counties
Section DIST 8 LTS 2023-2
Various Routes
District 8 Construction Funds**

Highway lighting and traffic signal repair and maintenance at various locations throughout District 8.

- 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

Omer Osman,
Secretary

INDEX
FOR
SUPPLEMENTAL SPECIFICATIONS
AND RECURRING SPECIAL PROVISIONS

Adopted January 1, 2023

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

ERRATA Standard Specifications for Road and Bridge Construction (Adopted 1-1-22) (Revised 1-1-23)

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SECTION DIST 8 LTS 2023-2
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STATE OF ILLINOIS

SPECIAL PROVISIONS

The following Special Provisions supplement the "Standard Specifications for Road and Bridge Construction," adopted January 1, 2023, 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 Dist 8 LTS 2023-2, Various Counties, Contract No. 76R88, and in case of conflict with any part or parts of said Specifications, the said Special Provisions shall take precedence and shall govern.

Various Routes
Section Dist 8 LTS 2023-2
Various Counties
Contract No. 76R88

LOCATION OF PROJECT

This project is located in various locations in District 8 in Region 5.

DESCRIPTION OF PROJECT

This project will provide operable and properly maintained traffic signals, flashing beacons, highway lighting, navigation/aviation lighting, and data collection stations in various counties of District 8.

SUBMITTAL OF EEO/LABOR DOCUMENTATION

Effective: April 2016

This work shall be done in accordance with Check Sheets No. 1, 3, and 5 of the IDOT Supplemental Specifications and Recurring Special Provisions and the "Weekly DBE Trucking Reports (BDE)" special provision, except as here-in modified.

PAYROLL AND STATEMENT OF COMPLIANCE:

Certified payroll (FORM SBE 48 OR AN APPROVED FACSIMILE) and the Statement of Compliance (FORM SBE 348) shall be submitted by two methods:

1. By Mail (United States Postal Service): The ORIGINAL of the certified payroll and the Statement of Compliance for the Prime Contractor and each Subcontractor shall be submitted by mail to the Regional Engineer for District 8.
2. Electronically: Scan both the ORIGINAL of the certified payroll and the Statement of Compliance to the same PDF file, and email to the District at the email address designated by the District EEO Officer.

SBE 48 and SBE 348 forms shall be submitted weekly and will be considered late if received after midnight seven business days after the payroll ending date.

WEEKLY DBE TRUCKING REPORT:

The Weekly DBE Trucking Report (FORM SBE 723) shall be submitted electronically. Scan the form to a PDF file, and email to the District at the email address designated by the District EEO Officer.

SBE 723 forms shall be submitted weekly and will be considered late if received after midnight ten business days following the reporting period.

MONTHLY LABOR SUMMARY & MONTHLY CONTRACT ACTIVITY REPORTS:

The Monthly Labor Summary Report (MLSR) shall be submitted by one of two methods:

1. For contractors having IDOT contracts valued in the aggregate at \$250,000 or less, the report may be typed or clearly handwritten using Form D8 PI0148. Submit the ORIGINAL report by mail to the Regional Engineer for District Eight. Contractors also have the option of using the method #2 outlined below.
2. For contractors having IDOT contracts valued in the aggregate at more than \$250,000, the report must be submitted in a specific "Fixed Length Comma Delimited ASCII Text File Format". This file shall be submitted by e-mail using specific file formatting criteria provided by the District EEO Officer. Contractors must submit a sample text file to District 8 for review at least 14 days prior to the start of construction.

The Monthly Contract Activity Report (MCAR) may be typed or clearly handwritten using Form D8 PI0149.

The Monthly Labor Summary Report and the Monthly Contract Activity Report shall be submitted concurrently. If the method of transmittal is method #1 above, then both the MLSR and the MCAR shall be mailed together in the same envelope. If the method of transmittal is method #2 above, then the MCAR shall be scanned to a .pdf file and attached to the email containing the MLSR .txt file.

The MLSR and MCAR must be submitted for each consecutive month, for the duration of the project, and will be considered late if received after midnight ten calendar days following the reporting period.

REQUEST FOR APPROVAL OF SUBCONTRACTOR:

The ORIGINAL and one copy of the Request for Approval of Subcontractor (FORM BC 260A) shall be submitted to the District at the IDOT Preconstruction Conference.

SUBSTANCE ABUSE PREVENTION PROGRAM CERTIFICATION:

The ORIGINAL and one copy of the Substance Abuse Prevention Program Certification (FORM BC 261) shall be submitted to the District at the IDOT Preconstruction Conference.

The Contractor is required to follow submittal procedures as provided by the EEO Officer at the preconstruction conference and to follow all revisions to those procedures as issued thereafter.

If a report is rejected, it is the Contractor's responsibility to make required adjustments and/or corrections and resubmit the report. Reports not submitted and accepted within the established timeframes will be considered late.

Disclosure of this information is necessary to accomplish the statutory purpose as outlined under 23CFR part 230 and 41CFR part 60.4 and the Illinois Human Rights Act. Disclosure of this information is REQUIRED. **Failure to comply with this special provision may result in the withholding of payments to the Contractor and/or cancellation, termination, or suspension of the contract in whole or part.**

This special provision must be included in each subcontract agreement.

ALL HARD COPY FORMS TO BE SUBMITTED TO:

Region 5 Engineer
Illinois Department of Transportation
ATTN: EEO/LABOR OFFICE
1102 Eastport Plaza Drive
Collinsville, IL 62234-6198

Compliance with this special provision shall be included in the cost of the contract, and no additional compensation will be allowed for any costs incurred.

TERM OF CONTRACT

This contract shall commence upon the last dated signature of parties or March 1, 2023 (whichever is latest) and terminate June 30, 2024. All issued work orders must be completed by the termination date and must be invoiced to IDOT within 45 calendar days of the termination date.

TERMINATION FOR CAUSE

The State may terminate this contract, in whole or in part, immediately upon notice to the Contractor if it is determined that the actions or failure to act of the Contractor, its agents, employees, or subcontractors have caused or reasonably could cause jeopardy to health, safety, or property. If Contractor fails to perform to the State's satisfaction any material requirement of this contract or is in violation of a material provision of this contract, the State shall provide written notice to the Contractor requesting that the breach or noncompliance be remedied within the period of time specified in the State's written notice. If the breach or noncompliance is not remedied by that date, the State may either immediately terminate the contract without additional written notice or enforce the terms and conditions of the contract and in either event seek any available legal or equitable remedies and damages.

ASSIGNMENT OF WORK

Nothing in this contract shall be construed to provide the Contractor the exclusive right to service the Department's electrical facilities in District 8. The Department reserves the right to perform any and all work on these electrical devices with its own forces or to assign another contractor to work within District 8.

WORK ORDERS

All work to be performed by the Contractor shall be on a call-out basis, normally being initiated with a telephone call or an e-mailed message, and followed by a written work order authorizing the work. The work order shall show the date and time of issuance, type of facility, location, and a description of the service required or the problem reported.

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

The Contractor shall designate at least four responsible representatives of his or her organization to whom the Department may issue work orders and instructions. The Contractor shall provide the Department with the names and telephone numbers of these representatives. One of these representatives shall be available at all times.

If at the time the service is being performed it appears that additional work of a minor nature is needed, then the Contractor shall proceed with that work. If it appears that the additional work could result in a substantial addition or change to the current work order, the Contractor shall contact the Department before proceeding with the additional work.

The date and time the Contractor's work crew arrives at the location on the work order and the date and time the requested work is completed shall be noted on the Contractor's billing invoice submitted to the Department for payment. If the work is not completed on the first trip, the

Contractor shall record on the invoice the arrival and departure dates and times for all subsequent work crews until the work order is completed.



Work Order

Requested By: _____ Date: _____ Time: _____

Assigned To: _____ Received From: _____

Traffic Signal Highway Lighting Flashing Beacon Misc. _____
 Service Call Knock Down Other Work GQD #: _____

Location: _____

Problem: _____

Ref/Accident #: _____ Claim #: _____

Remarks: _____

Completed By: _____ Date/Time Completed: _____

TRAVEL EXPENSE

The Contractor shall not be reimbursed for travel expenses, including "port to port" charges, incurred in fulfilling obligations under this contract. All such charges are to be included and paid for as part of the unit costs contained herein.

RESPONSE TIMES

The Department may establish an expected response time for the requested service at the time a work order is issued. If, however, the Contractor is not given a definitive response time, the following are to apply:

1. Emergency Service Calls – Work crew shall be at the location on the work order within one and one-half hours of notification during normal work hours and within two hours of notification after normal work hours.

Normal work hours, for the purposes of this contract, shall be hours during which the Contractor is not required to pay overtime labor rates.

Emergency service calls are defined as all traffic signals at an intersection dark or malfunctioning, dark flashing beacons, knocked down traffic signal/highway lighting standards or controllers, knocked down damaged flashing beacon installations, or as designated by the Department.

2. Non-Emergency Traffic Signal/Flashing Beacon Calls - respond within 24 hours of issuance.
3. Highway Lighting Outages - respond within five working days of issuance.

Working day, when used in connection with this contract, shall mean any day the offices of the Department are open for normal business.

4. Routine Work Items - complete work within 30 days of the date that the work order was issued.

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.

FAILURE TO MEET RESPONSE TIME /LIQUIDATED DAMAGES

Time is of the essence when responding to a work order issued by the Department for an emergency or priority Intelligent Transportation Systems service call. Failure to respond and make repairs in a timely manner will cause public inconvenience, endanger the public safety, and subject the Department to public criticism.

Emergency service calls shall be responded to as designated in the above section. In the event of a breach of the designated response times by the Contractor, the Contractor and Department agree that an amount of actual damage is difficult to ascertain. Therefore, the Contractor and the Department agree that in the event the Contractor fails to meet the required response time for an emergency service call that the Contractor shall be liable to the Department for liquidated damages as specified in the following amounts which are reasonable and proportionate to the amount of the work order:

Work Order Amount: Liquidated Damages for:

| From: | To: | Each 15 Minutes* |
|--------|----------|------------------|
| \$0 | \$ 500 | \$ 25 |
| \$ 500 | \$1000 | \$ 50 |
| \$1000 | and over | \$100 |

* After applicable response time expires

Priority Intelligent Transportation System service calls and routine work items shall be responded to and completed as designated in the above section. In the event of a breach of the designated completion times by the Contractor, the Contractor and Department agree that an amount of actual damage is difficult to ascertain. Therefore, the Contractor and the Department agree that in the event the Contractor fails to meet the required completion time for a priority non-emergency service call or routine work item, and the Department has not approved a work time extension, that the Contractor shall be liable to the Department for liquidated damages as specified in the following amounts which are reasonable and proportionate to the amount of the work order:

Work Order Amount: Liquidated Damages for:

| From: | To: | Each Day* |
|--------|----------|-----------|
| \$0 | \$ 500 | \$ 250 |
| \$ 500 | \$1000 | \$ 500 |
| \$1000 | and over | \$1000 |

* After applicable completion time expires

CONTROL OF WORK

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

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

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

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

Each workday, the Contractor shall provide the Department a schedule of contract work activities for the day. The schedule will show the location, type of work, and estimate of when each work crew will be at the location on the work order. This information shall be faxed to 618/346-3266 or emailed by 8:30 a.m.

TRAFFIC CONTROL AND PROTECTION

This work includes furnishing, installing, maintaining, replacing, relocating, and removal of work zone traffic control and protection. This work shall be according to Section 701 of the Standard Specifications and the highway standards shown on the plans, except as modified by this special provision. Signs and mountings, barricades, and cones used for traffic control and protection are incidental to the contract and will not be paid for separately. For routine work items, traffic control and protection is included in the cost of that item.

The Contractor shall avoid lane closures during peak traffic periods from 6:00 am to 9:00 am and from 3:00 pm to 6:00 pm Monday through Friday or at other times of peak traffic volumes except to respond to an emergency call or upon approval from the Department.

The Contractor shall submit a work zone lane closure request form for work in the designated areas to the Department before 2:00 p.m. the day before the work zone will be implemented. This form may be faxed to 618-346-3266. The Department will review the request and will either approve or reject the request. If the Department rejects the request, the Contractor will not be allowed to implement the work zone. A work zone lane closure request form is not needed when the Contractor is responding to an emergency call or upon approval from the Department.

If the Contractor fails to have all lanes of traffic open during the peak hours for traffic or conducts operations that will impede the flow of traffic during peak hours, a monetary penalty shall be assessed to the Contractor. The penalty shall be \$1000 for each 15-minute period or a portion thereof during the peak hours.

The work zone traffic control and protection for each work location shall be provided as designated by the Engineer. More than one traffic control standard may be indicated for each location. The traffic control highway standards may need to be modified and/or combined to protect all ramps, intersections, and entrances near each work location. Traffic control signs may also need to be omitted or added for traffic entering the project site from ramps, intersections, and entrances. No additional compensation will be allowed for these modifications.

Method of Measurement:

Traffic control and protection required under standards 701201, 701206, 701401, 701406, 701421, 701422, 701446, 701451, 701456, 701601, 701606, and 701701 will be measured for payment on an each basis only when the traffic control and protection applies to isolated stationary work areas and does not involve or is not a part of other protected areas.

A contiguous lateral movement of the work area causing a change in the location of traffic control devices but not a longitudinal relocation of the work area will not be considered a new location or installation. Traffic control for highway standards 701201, 701206, 701401, 701406, 701421, 701422, 701446, 701451, 701456, 701601, 701606, and 701701 will be paid for at the contract unit price per EACH for TRAFFIC CONTROL AND PROTECTION, (SPECIAL).

The following chart describes how many times each highway standard is anticipated to be used. This list shall not be considered all inclusive. Traffic control standards required are subject to change based on the location of the work to be done.

| STANDARD | ESTIMATED NUMBER OF SETUPS |
|----------|----------------------------|
| 701201 | 1 |
| 701206 | 1 |
| 701301 | 1 |
| 701401 | 1 |
| 701406 | 5 |
| 701421 | 5 |
| 701422 | 5 |
| 701446 | 1 |
| 701451 | 1 |
| 701456 | 1 |
| 701601 | 1 |
| 701606 | 1 |
| 701701 | 5 |

WORK ZONE LANE CLOSURE REQUEST
Must be called B. Gielow (618-346-3287) or faxed (618-346-3266) to IDOT by 2:00 P.M. for daytime closure
(1:00 PM Friday for Sat, Sun, & Mon closures), 11:00 AM for same night
DO NOT COMBINE CLOSURES USE INDIVIDUAL SHEETS FOR EACH HIGHWAY

Date(s) of Closure * Night

>>> * Use tomorrow's date if closure is after 4 P.M. <<<<

⇄ HIGHWAY & DIRECTION ⇄

| | | | |
|-------------------------------------|---|---|---|
| <input type="checkbox"/> I 55/70 | <input type="checkbox"/> EB <input type="checkbox"/> WB | <input type="checkbox"/> POPLAR ST. COMPLEX | <input type="checkbox"/> EB <input type="checkbox"/> WB |
| <input type="checkbox"/> I 64 | <input type="checkbox"/> EB <input type="checkbox"/> WB | <input type="checkbox"/> I 55/70 (Mainline) | <input type="checkbox"/> EB <input type="checkbox"/> WB |
| <input type="checkbox"/> I 70 | <input type="checkbox"/> EB <input type="checkbox"/> WB | <input type="checkbox"/> WB C-D <input type="checkbox"/> EB C-D | |
| <input type="checkbox"/> I 255 | <input type="checkbox"/> NB <input type="checkbox"/> SB | <input type="checkbox"/> Ramp 'G' Main St. to WB C-D | |
| <input type="checkbox"/> I-270 | <input type="checkbox"/> EB <input type="checkbox"/> WB | <input type="checkbox"/> Ramp 'S' WB C-D to Tudor | |
| | | <input type="checkbox"/> Ramp 'D' EB C-D to Tudor | |
| <input type="checkbox"/> IL 3 | <input type="checkbox"/> NB <input type="checkbox"/> SB | <input type="checkbox"/> Ramp 'H' EB C-D to 4 th St. | |
| | | <input type="checkbox"/> Ramp 'A' Tudor West to PSB | |
| <input type="checkbox"/> IL 15 | <input type="checkbox"/> EB <input type="checkbox"/> WB | <input type="checkbox"/> Ramp 'M' North to PSB | |
| <input type="checkbox"/> MLK Bridge | <input type="checkbox"/> EB <input type="checkbox"/> WB | <input type="checkbox"/> Ramp 'P' North to EB C-D | |
| | | <input type="checkbox"/> Ramp 'O' WB C-D to IL 3 South | |
| | | <input type="checkbox"/> Ramp 'N' EB C-D to IL 3 South | |

LOCATION: From or @ To:

LANES: <<Left In. to Right In>> 1 2 3 4 5/6

MOVING STATIONARY

SHOULDERS Left Right

RAMPS Full Exit Partial (1/2) Entrance

TIMES: From: A.M. / P.M. To: A.M. / P.M.

From: A.M. / P.M. To: A.M. / P.M.

| CLOSURE DESCRIPTION | | | |
|---------------------|-------|---|---|
| | LANE# | M | M |
| | LANE# | M | M |
| | LANE# | M | M |
| | LANE# | M | M |

CONTRACTOR/YARD:

TRAFFIC CONTROL BY:

SUBMITTED BY:

PHONE NO: FAX NO:

MOBILE NO: PAGER NO:

Peak Hour Restrictions: Two (2) Lanes shall remain open at all times

| | | |
|----------------------------------|----------------------|----------------------|
| I 55/70, I 64, I 270, MLK Bridge | 6:00 a to 9:00a WB | 3:00p to 6:00p EB |
| I 255 from I 270 to JB Bridge | 6:00a to 9:00a NB&SB | 3:00p to 6:00p NB&SB |
| IL 3 from IL158 to I 270 | 6:00a to 9:00a NB&SB | 3:00p to 6:00p NB&SB |
| IL 15 from IL 159 to Missouri | 6:00a to 9:00a WB | 3:00p to 6:00p EB |

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 considered incidental to the contract, and no additional compensation shall be allowed.

SUPERVISION OF WORK FORCE

The Contractor shall provide adequate supervision to his/her work force to ensure that workers and materials are utilized in an efficient manner. This is to include, but not limited to, ensuring that knowledgeable and experienced workers are matched to related servicing tasks, that the proper type of service vehicle is sent for each work order, and that service vehicles are equipped with the parts, materials, and equipment required to complete the work order. No additional allowance will be made for general superintendence of the work force used on this contract.

PARTS AND MATERIALS

The Contractor shall submit unit costs for this contract for parts and materials to be used in the execution of this contract. Parts and materials supplied by the Contractor which have a retail value under \$100.00 per unit shall be considered included in the contract, and no additional compensation is allowed.

If the Contractor encounters a need for a part or material not listed in this contract or is not considered an incidental part, the Contractor shall immediately contact the Department. If this part or material is deemed necessary, the Contractor must supply a billing invoice from the supplier showing the actual cost of the item as documentation. The Contractor may add a 15 percent mark-up to items not included in the contract.

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 incidental to the contract, except for certain knockdown repairs or 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 incidental to the contract. The Department, at its discretion, may increase or decrease the quantities or kinds of materials supplied to the Contractor. In order to expedite the repair of an installation, the Department reserves the right to deliver parts, materials, and equipment directly to the Contractor's shop or to the jobsite.

ELECTRIC CABLE ASSEMBLY

Description: This item consists of providing a multi-conductor power tray cable directly buried in trench or installed in conduit as specified herein, as shown on the plans, and as directed by the Engineer.

General: The cable shall be an assembly of insulated power conductors, plus an insulated ground wire cabled according to UL 1277 with fillers, binder tape, and with an overall jacket. The conductors shall be rated 600 volts and be UL listed with a 194 degrees Fahrenheit (90 degrees Celsius) continuous rating in dry and wet locations. The cable assembly shall be UL listed for direct burial, wet and dry locations, and outdoors in tray cables where sunlight resistance rating is required.

All conductors in the assembly may be either coated (tinned) or uncoated copper. Except, all conductors of a given cable type for the project shall be of the same type and be according to Article 1066.02. Uncoated conductors shall be according to ASTM B 3, UL Standard 44, ICEA S-95-658, NEMA No. WC 70, and the requirements of the National Electric Code. All conductors shall be stranded. Stranding shall meet ASTM B 8, ICEA S-59-658, NEMA No. WC-70, and UL Standard 44.

The insulation shall be cross-linked polyethylene UL listed type XHHW-2 (XLP) and shall meet or exceed the requirements of ICEA S-95-658, NEMA Standard No. WC-70, and UL Standard 44. The insulation shall have a minimum thickness of 45 mils. The minimum insulation thickness at any point shall not be less than 90 percent of the average insulation thickness.

The insulation shall be color coded according to Article 1076.01(c), Paragraph 3. The cable shall have a polyvinyl chloride (PVC) jacket applied over the assembly. The jacket shall have a minimum thickness of 80 mils and meet or exceed the sunlight resistant requirements of UL Standard 1277. The jacket shall be marked by means of surface ink printing indicating the manufacturer, number of conductors, size, voltage rating, and required UL information.

Manufacturer's information submitted for approval shall include product and other data sufficient to verify compliance with all specified requirements. The cable shall be shipped to the site in wood lagged reels or other equivalent means as approved by the Engineer.

Installation: The multi-conductor power cable shall be installed according to Article 870.03. Splicing and termination of the electric cable shall be according to Article 1066.06. Underground cable marking tape shall be provided according to Article 1066.05.

Method of Measurement: The electric cable assembly will be measured for payment according to Article 817.04.

Method of Payment: This work will be paid for at the contract unit price per FOOT for ELECTRIC CABLE ASSEMBLY, IN CONDUIT, 600V (XLP-TYPE TC) 2/C NO. 2 AND NO. 4, or ELECTRIC CABLE ASSEMBLY, IN TRENCH, 600V (XLP-TYPE TC) 2/C NO. 2 AND NO. 4, or ELECTRIC CABLE ASSEMBLY, IN CONDUIT, 600V (XLP-TYPE TC) 2/C NO. 4 AND NO. 6, or ELECTRIC CABLE ASSEMBLY, IN CONDUIT, 600V (XLP-TYPE TC) 2/C NO. 6 AND NO. 8, or ELECTRIC CABLE ASSEMBLY, IN TRENCH, 600V (XLP-TYPE TC) 2/C NO. 4 AND NO. 6, or ELECTRIC CABLE ASSEMBLY, IN TRENCH, 600V (XLP-TYPE TC) 2/C NO. 6 AND NO. 8.

EQUIPMENT

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

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

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

This work will be paid for at the contract unit price per hour for PICK-UP TRUCK; TRUCK CRANE; DIGGER DERRICK, BUCKET TRUCK/VAN FOR TRAFFIC SIGNALS; BUCKET TRUCK FOR HIGHWAY LIGHTING; POLE TRAILER; and FLATBED TRAILER.

JOURNEYMAN ELECTRICIAN

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

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

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

APPRENTICE ELECTRICIAN

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

APPRENTICE ELECTRICIANS utilized as part of this contract must follow the criteria listed below:

1. All apprentice electricians shall work within the guidelines of the Apprentice Program.
2. Apprentice electricians may only be utilized for routine maintenance tasks included but not limited to traffic camera lens cleaning, filter cleaning and/or replacement, light post inspection and repair, and other various duties associated with routine maintenance.
3. Apprentice electricians will be allowed to respond to emergency calls to assist a journeyman electrician when needed.
4. Apprentice electricians must be directly supervised at all times by a qualified vendor representative.
5. The Department reserves the right to limit the number of apprentices used in execution of this contract.
6. The Department reserves the right to restrict work performed for this contract by apprentice electricians.

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

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

LABOR

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

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

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

ARROWBOARDS AND ATTENUATORS

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

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

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

LED LAMP MODULE REPLACEMENT

This work shall be in accordance with Sections 880, 895, and 1078 of the Standard Specifications, except as modified herein.

The Contractor shall remove non-functioning LED modules from an existing traffic signal head and furnish and install new LED lamp modules for each indication as requested by the Department.

The Contractor shall recycle all LED modules at a certified electronics recycling facility.

The LED lamp module will be replaced in kind for whatever color and movement is being replaced (R, Y, G, Ped, Walk, Don't Walk, etc.).

All labor and equipment required to complete this work shall be included in the contract unit price for LED LAMP MODULE REPLACEMENT.

Basis of Payment: This work will be paid for at the contract unit price per EACH for LED LAMP MODULE REPLACEMENT.

DETECTOR LOOP, SPECIAL

This work shall consist of furnishing and installing a type I detector loop in the pavement or resealing exposed detector loop saw slots where the original sealer had deteriorated or missing at a location designated in a work order. The unit price shall be all inclusive of labor, equipment, materials, transportation of workmen and materials, loop testing and quality checks, and temporary traffic control to properly complete the work item.

The type I detector loop shall be installed in accordance with Section 886 of the Standard Specifications for Road and Bridge Construction. Splicing requirements are governed by the applicable portions of Article 873.03. The installation shall also comply with Standards 886001 and 886006.

The Department will lay out the loop and specify the number of turns of loop wire required for each loop. The Department will determine the number and location of any cored holes for pavement joints or cracks.

Where the existing loop wire is exposed, it shall be reinserted into the saw slot and held in place as necessary with appropriate retainers. Any debris, foreign matter, or loose sealant shall be removed from the saw slot before applying new sealer. The sealer shall meet the requirements of Section 1079 of the Standard Specifications for Road and Bridge Construction. Installation requirements shall be as described in Article 886.04 of the Standard Specifications for Road and Bridge Construction. The areas to be resealed will be marked out by the Department.

This work will be paid for at the contract unit price per FOOT of DETECTOR LOOP, SPECIAL.

TRAFFIC SIGNAL RELAMPING

This work shall consist of cleaning and relamping all traffic and pedestrian signal indications and fiber optic-type lighted signs at a designated intersection or location listed in a work order. The unit price shall be all inclusive of labor, equipment, materials (lamps, cleaner, rags, etc.), transportation of workmen and materials, and temporary traffic control as required to properly complete the work item.

The Contractor shall remove the old lamp and install a new lamp in all signal sections and lighted signs according to the following schedule:

- 8" traffic signal / 9" pedestrian signal – 69-watt, long life lamp as approved by the Department;
- 12" pedestrian signal / 12" arrow section – 116-watt, long life lamp as approved by the Department;
- 12" traffic signal (circular) – 135-watt, long life lamp as approved by the Department;
- 3-M signals – GE 150-watt PAR; dual indication signal sections – EPT quartz, 43 watt @ 10.8 volt;
- LED traffic and pedestrian signal sections shall be cleaned/inspected and reinstalled;
- lighted signs – EPT quartz, 43 watt @ 10.8 volt lamps.

The Contractor shall dispose of all replaced signal lamps. The Contractor shall as a part of this item clean the reflector and the inside and outside of each lens.

The complete signal head and related mounting hardware shall be inspected to ensure that the signal is properly aimed and that all components are intact and in good condition. The Contractor shall repair any minor deficiencies found during the inspection. Such deficiencies could involve lenses, lamp sockets, reflectors, visors, lens doors, louvers, backplates, and signal mounting hardware. Lenses that are damaged are to be replaced, including lenses that have discolored areas, holes, cracks and arrow/pedestrian lenses that are peeling and that light is visible in areas other than the prescribed arrow or pedestrian message.

In addition to relamping the lighted sign, the Contractor shall clean the interior and face of the lighted sign and conduct a thorough inspection of the installation. This inspection is to verify the proper operation and aiming of the sign and to assure that the sign door fasteners and mounting hardware are intact and in good condition.

So these minor deficiencies can be repaired efficiently, the Contractor shall equip service vehicles with a supply of the following parts: signal lenses, lamp sockets, visors, signal doors and accessories, various hardware necessary to repair or reattach backplates, signal brackets, and mast arm mounting bracket hardware. If the part or material is not considered incidental to the contract, the Contractor shall be paid for any parts and materials used to correct these deficiencies with the pay items listed in this contract or as detailed in the Parts and Materials special provision. All labor and equipment expenses incurred to correct the deficiencies shall be included in the cost of TRAFFIC SIGNAL RELAMPING, and no additional compensation shall be made.

If the Contractor encounters damage to a signal component which is not included in the required parts inventory, is not considered an incidental part, or which involves work beyond the scope of this pay item, the Contractor shall immediately contact the Department.

This work shall be paid for at the contract unit price per EACH for TRAFFIC SIGNAL RELAMPING.

TRAFFIC SIGNAL LAMP REPLACEMENT

This work shall consist of replacing all non-functioning lamp(s) in traffic or pedestrian signal indications and fiber optic-type lighted signs at a designated intersection listed in a work order. This routine pay item shall be used to compensate the Contractor for all costs associated with the replacement of the non-functioning lamp(s). The unit price shall be inclusive of labor, materials, equipment, transportation of workers and materials, and temporary traffic control required to properly complete the work item. This pay item shall include all travel expenses involved in completion of the traffic signal lamp(s) replacement at a designated intersection.

The Contractor shall respond within one working day of notification of non-functioning lamp(s) at a designated intersection unless the Department deems the lamp(s) replacement an emergency. The Contractor shall respond to the emergency lamp(s) replacement within two hours of notification.

The Contractor shall remove the non-functioning lamp and install a new lamp in the signal according to the following schedule:

- 8" traffic signal / 9" pedestrian signal – 69 watt, long life lamp as approved by the Department;
- 12" pedestrian signal / 12" arrow section – 116 watt, long life lamp as approved by the Department;
- 12" traffic signal (circular) – 135 watt, long life lamp as approved by the Department;
- 3-M signals – GE 150 watt PAR;
- dual indication signal sections – EPT quartz,
- 43 watt @ 10.8 volt; lighted signs – EPT quartz,
- 43 watt @ 10.8 volt lamps.

The Contractor shall dispose of all non-functioning lamps.

The complete signal head and related mounting hardware shall be inspected to ensure that the signal is properly aimed and that all components are intact and in good condition. This inspection is to verify the proper operation and aiming of the lighted sign and to assure that signal and sign door fasteners and mounting hardware are intact and in good condition. The Contractor shall repair any minor deficiencies found during the inspection. Deficiencies could involve lenses, lamp sockets, reflectors, visors, lens doors, louvers, backplates, and signal mounting hardware. Lenses that are damaged are to be replaced. This includes lenses that have discolored areas, holes, cracks and arrow and pedestrian lenses that are peeling and where light is visible in areas other than the prescribed arrow or pedestrian message.

So these minor deficiencies can be repaired efficiently, the Contractor shall equip service vehicles with a supply of the following parts: signal lenses, lamp sockets, visors, signal doors and accessories, various hardware necessary to repair or reattach backplates, signal bracket, and mast arm mounting bracket hardware. If the part or material is not considered incidental to the contract, the Contractor shall be paid for any parts and materials used to correct these deficiencies with the pay items listed in this contract or as detailed in the Parts and Materials special provision. All labor and equipment expenses incurred to correct the deficiencies shall be included in the cost of TRAFFIC SIGNAL LAMP REPLACEMENT, and no additional compensation shall be made.

If the Contractor encounters damage to a signal component which is not included in the required parts inventory, is not considered an incidental part, or which involves work beyond the scope of this pay item, the Contractor shall immediately contact the Department.

This work shall be paid for at the contract unit price per EACH for TRAFFIC SIGNAL LAMP REPLACEMENT.

FLASHING BEACON INSPECTION

This work shall consist of inspecting, cleaning, and relamping a flashing beacon installation(s) at a designated intersection or location listed in a work order. The flashing beacon installation could consist of a single or multiple beacon sections. The unit price shall be all inclusive of labor, equipment, materials (lamps, cleaner, rags, etc.), transportation of workmen and materials, and temporary traffic control as required to properly complete the work item.

The Contractor shall remove the old lamp and install a new lamp for all beacon sections according to the following schedule:

- 8" signal section – 69 watt, long life lamp as approved by the Department;
- 12" signal section – 135 watt, long life lamp as approved by the Department;
- and LED signal sections shall be cleaned/inspected and reinstalled.

The Contractor shall dispose of all replaced signal lamps.

In addition to the cleaning and relamping, the Contractor shall conduct a thorough inspection of the installation. This inspection is to certify the proper operation and aiming of the beacons and to assure that fasteners, conduits, clamps, supporting cables, and accessories are intact and in good condition. The Contractor shall examine all pole or post supports and confirm that they are sound. The service installation shall also be inspected for damaged or deteriorating components.

The Contractor will be expected to replace any defective parts that are found during the inspection and make minor repairs as needed. In order to repair any minor deficiencies found, the Contractor shall equip service vehicles with a supply of the following parts: signal lenses, lamp sockets, visors, signal doors and accessories, and various hardware necessary to repair conduit attachments. If the part or material is not considered incidental to the contract, the Contractor shall be paid for any parts and materials used to correct these deficiencies with the pay items listed in this contract or as detailed in the Parts and Materials special provision. All labor and equipment expenses incurred to correct the deficiencies shall be included in the cost of FLASHING BEACON INSPECTION, and no additional compensation shall be made.

If the Contractor encounters damage to a flashing beacon component which is not included in the required parts inventory, is not considered an incidental part, or which involves work beyond the scope of this pay item, the Contractor shall immediately contact the Department.

This work shall be paid for at the contract unit price per EACH for FLASHING BEACON INSPECTION.

TOWER LIGHTING INSPECTION

This work shall consist of inspecting a tower lighting installation at a designated location listed in a work order.

The Contractor shall lower the lighting ring and fully inspect each tower for proper operation of the lowering and lifting devices, cable (support, guide, and power) deterioration, lamp illumination, and any other items needing maintenance attention or repair. A maintenance inspection checklist will be provided by the Department. This checklist requires a complete inspection of the tower facility, lubrication of moving parts, and cleaning of the luminaire refractors. A checklist form must be completed for each tower inspection, attached to the billing invoice, and returned to the Department.

The Contractor will be expected to replace any defective parts that are found during the inspection and make minor repairs as needed. In order to repair any minor deficiencies found, the Contractor shall equip service vehicles with a supply of the following parts: lamps, starter boards, fuses, and ballast kits.

This work will be paid for at the contract unit price per EACH for TOWER LIGHTING INSPECTION.

REPLACE SERVICE INSTALLATION, COMPLETE

This work shall consist of the replacement of an electrical service installation at a location designated in a work order.

This work shall consist of the removal and disposal of the existing service installation and complete replacement on an existing wood pole in accordance with Section 805 of the Standard Specifications for Road and Bridge Construction.

This work will be paid for at the contract unit price per EACH for REPLACE SERVICE INSTALLATION, COMPLETE.

REPAIR TRAFFIC SIGNAL KNOCKDOWN

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

Should extreme weather conditions or the need for an uncommon repair part or material not permit the knockdown to be repaired during the initial response, the Contractor shall install a Uni-Safe box, or an approved equivalent, to isolate the electrical cables and cover the anchor bolts.

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

Regardless of conditions, all traffic signal knockdowns shall be re-erected within 24 hours of notification, inclusive of weekends and holidays. The Contractor shall respond within the specified time, as detailed in the Response Times special provisions, to clear all electrical circuits, remove all knockdown debris, and ensure that the intersection is returned to normal operation, if possible, or placed in the flashing mode. If electric power to the intersection is lost as a result of the knockdown, the Contractor shall install at least one STOP sign on each intersection approach. If the Contractor is unable to complete the knockdown repair within these time limits, the Contractor shall notify the Department.

This pay item shall be used for the repair of all traffic signal related knockdowns which shall include signals that are post, mast arm, span-wire, or sign truss mounted; traffic signal controllers; and service installations.

This work will be paid for at the contract unit price per EACH for REPAIR TRAFFIC SIGNAL KNOCKDOWN.

REPAIR TRAFFIC BEACON KNOCKDOWN

This work consists of repairing a traffic beacon knockdown at a location designated in a work order. This routine pay item shall be used to compensate the Contractor for all costs with the exception for the cost of all the parts and materials required to complete the work item.

The unit price shall be inclusive of labor, equipment, transportation of workers and materials, and temporary traffic control required to properly complete the work item. This pay item shall include all travel expenses involved in completing the repair.

Traffic beacon knockdowns shall be repaired onsite at the time of the Contractor's initial response, if it is possible, to reestablish the beacon support at that time. If the beacon was mounted on a wood signpost, the Contractor shall re-erect the traffic beacon temporarily, if possible, and notify the Department that the post needs to be replaced.

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

All traffic beacon knockdowns are to be considered emergency service calls. Knockdown repairs shall be completed as soon as possible, regardless of weekends and holidays. The Contractor shall respond within the specified time, as detailed in the Response Times provision, to clear the electrical circuit, remove knockdown debris, complete the repair, and/or re-erect the beacon temporarily. If a regulatory sign is knocked down with the beacon, the Contractor shall re-erect the sign. If the sign associated with the flashing beacon is severely damaged, the Contractor shall notify the Department. If the Contractor is unable to complete the knockdown repair within these guidelines, the Contractor shall notify the Department.

This work will be paid for at the contract unit price per EACH for REPAIR TRAFFIC BEACON KNOCKDOWN.

REPAIR LIGHT POLE KNOCKDOWN

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

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

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

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

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

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

REPLACE HIGHWAY LIGHT POLE BREAKAWAY DEVICE, COUPLINGS

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

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

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

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

REPLACE HIGHWAY LIGHT POLE BREAKAWAY DEVICE, TRANSFORMER BASE

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

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

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

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

REPLACE TRAFFIC SIGNAL POST BASE ASSEMBLY

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

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

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

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

KNOCKDOWN DEBRIS

The debris from damaged traffic signals, flashing beacons, and highway light poles shall remain the property of the Department. The Contractor shall transport knockdown debris to the Department's facility at 9601 St. Clair Ave., Fairview Heights. This debris can be delivered after each knockdown repair or held at the Contractor's shop to be delivered periodically to the Department's facility. The Contractor should notify the Department when knockdown debris is to be delivered, so personnel will be available to direct unloading.

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

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

KNOCKDOWN DOCUMENTATION

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

ANCHOR BOLT REPAIRS

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

TEST EQUIPMENT

The Contractor shall provide all of his or her own testing instruments, as required, to service the electrical facilities of the Department.

The Contractor will be provided a copy of the procedure to be used to determine the integrity of inductive loop detectors. This procedure requires the Contractor to have proper electronic instruments to test the resistance, inductance, resistance to ground, and quality factor of a loop and lead-in circuit as per Article 801.13 of the Standard Specification for Road and Bridge Construction.

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

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

SMALL TOOLS

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

CONTROLLER SERVICE LOGS

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

TRAFFIC SIGNS

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

NUMBERING SYSTEM

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

WAIVER OF LIEN

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

PROTECTIVE GEAR AND CLOTHING

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

CONFINED SPACE ENTRY

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

INVOICES

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

Illinois Department of Transportation
District 8 / Bureau of Administration Attn: Christine Trucano
1102 Eastport Plaza Drive
Collinsville, IL 62234

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

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

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

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

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

For routine work items, the invoice shall also include the unit price for the routine work item, detailed information about any deficiencies which were found and corrected while performing the routine work item, and a listing/price for parts used other than those required by the routine work item description. For non-routine work (regular work orders), labor and equipment usage shall be billed to the nearest quarter hour.

The Contractor shall also attach a copy of the invoice showing their cost for any parts or materials with a unit cost of \$100.00 or more. See the Parts and Materials provision of this contract for the definition of incidental parts and materials.

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

SOFTWARE

The Department will provide the Contractor a computer software database the Contractor shall use to prepare billing invoices for work done under this contract. This software is intended to standardize the billing format and to provide the Department with electronic record keeping capabilities for electrical maintenance activities.

SCHEDULE OF WORK

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

WARRANTIES FOR SUPPLIES AND SERVICES

Contractor shall warrant that the supplies furnished under this contract

- a) will conform to the State's manufacturing standards, specifications, drawing, samples, or descriptions furnished by the State, including but not limited to all specifications attached as exhibits hereto,
- b) will be merchantable, of good quality and workmanship, free from defects for a period of twelve months or longer if specified in writing, and fit and sufficient for the intended use
- c) will comply with all federal and state laws, regulations and ordinances pertaining to the manufacturing, packing, labeling, sale, and delivery of the supplies
- d) will be of good title and be free and clear of all liens and encumbrances and
- e) will not infringe any patent, copyright, or other intellectual property rights of any third party.

Contractor agrees to reimburse the State for any losses, costs, damages, or expenses, including (without limitations) reasonable attorney's fees and expenses arising from failure of the supplies to meet such warranties. Contractor shall ensure that all manufacturers' warranties are transferred to the State and shall provide a copy of the warranty. These warranties shall be in addition to all other warranties (express, implied, or statutory) and shall survive the State's payment, acceptance, inspection, or failure to inspect the supplies.

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

EXPENSES

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

TAX

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

PAYMENT TERMS AND CONDITIONS

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

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

FLASHING BEACON LOCATIONS

| Flashing Beacons | | |
|-------------------------|-------------|--|
| Beacon# | Area | Location |
| FB0010 | SA | IL 3 & Gall Rd / N Moore St (Wig-Wag) (Waterloo) LED |
| FB0014 | SA | IL 3 & Illinois Avenue (Wig wag advance beacons) (Waterloo) LED |
| FB0018 | SA | IL 156 & Old Orchard Road Eastbound (Waterloo) LED |
| FB0019 | SA | IL 156 & Old Orchard Road Westbound (Waterloo) LED |
| FB0020 | SA | IL 3 & IL 154 / IL 159 (Red Bud) LED |
| FB0025 | SA | IL 3 & Kaskaskia Rd./Old Red Bud Rd.(2 Wig-wags NB/SB, 1 stop sign EB) WB SS removed LED |
| FB0030 | SA | IL 3 & Evansville Road (Advance Beacon SB) LED |
| FB0040 | SA | IL 3 & Chester Bridge Spur (EB) LED |
| FB0060 | SA | IL 3 & Chester Bridge Spur (Advance Beacon SB) LED |
| FB0080 | CA | IL 3 & Niedringhaus Ave (Advance Beacon NB) (Granite City) LED |
| FB0120 | SA | IL 4 & IL 13, N Jct (Marissa) SB Stop Sign & SB Stop Ahead LED |
| FB0130 | SA | IL 4 & IL 13, South Jct (Stop Sign LED) (Tilden) |
| FB0140 | NA | IL 4 & 140 (E of Hamel) LED |
| FB0160 | NA | IL 4 & IL 143 (W of Marine) LED |
| FB0180 | SA | IL 4 & IL 150, W Jct (W of Steeleville) (LED) |
| FB0200 | SA | IL 4 & IL 150, E Jct (East of Percy) LED Beacons |
| FB0210 | SA | IL 4 & IL 161(EB & WB) (NB & SB) Advance Beacons LED |
| FB0220 | SA | IL 161 & 6th St (N of Mascoutah) NB LED |
| FB0260 | SA | IL 13 & Eiler Road (Belleville) LED |
| FB0280 | SA | IL 13 & North Belt West (Advance Beacon WB) (Belleville) LED |
| FB0300 | SA | IL 13 & ICRR Bridge Underpass (EB & WB) (W of Belleville) LED |
| FB0320 | SA | IL 13 & 11th Street (Belleville) LED |
| FB0325 | SA | IL 13 & IL 158/Freeburg Rd./South Belt (4-way spanwire)(Belleville) LED |
| FB0330 | SA | IL 15 & DeMazenod (East & West Bound) Advance Wig-Wag Beacons LED |
| FB0335 | SA | IL 15 / Broadway & 6th St. ESL (Span Wire Beacons) LED |
| FB0336 | SA | 25th St. & Louisiana Blvd. (E. St. Louis)(4-way red mastarm) LED |
| FB0340 | SA | IL 13 & Baldwin Road (New Athens) (NB & SB Adv & stop signs) LED |
| FB0345 | SA | IL 15 & Stone Church/Venedy Rd./CH 12 (SB stop sign)(Washington Cnty)LED |
| FB0350 | NA | US 40 & 4th Street (Advance & Intersection Beacons) (Greenville)(LED) |
| FB0360 | NA | US 40 & CH 10 (Mulberry Grove) LED |
| FB0380 | CA | US 40 & CH 13 (Douglas / Marine Rd) (St Jacob) LED |
| FB0400 | CA | US 40 & Highland /Laddelake Rd.(Highland) LED |
| FB0430 | CA | US 40 & IL 143 (W of Pierron) LED |

Flashing Beacons

| Beacon# | Area | Location |
|---------|------|--|
| FB0440 | CA | US 40 & IL 162 (E of Troy) LED |
| FB0445 | CA | Main St. & Center St. (Troy) (4-way red mastarm) LED |
| FB0450 | CA | US 40 & Formosa Rd (Advance Beacons EB & WB) LED |
| FB0460 | CA | West Hwy 50 & North Green Mount Rd / Schwaegel Rd (Advance) LED |
| FB0470 | CA | US 50 & Gateway Distribution EB and WB Advance Solar Beacons (Lebanon) |
| FB0480 | CA | Old US 50 & Summerfield Rd (N of Summerfield) LED |
| FB0490 | CA | Old US 50 & Little Prairie / Frogtown Rd.(Advance Yellow LED Beacon) Breese LED |
| FB0495 | CA | US 50 & Russland Road / Aviston Road (EB & WB Adv) (NB & SB Stop Signs) LED |
| FB0500 | CA | Old US 50 & St. Rose Rd (Breese) LED |
| FB0520 | CA | US 50 & US 50 Spur (W of Summerfield) LED |
| FB0540 | CA | US 50 & IL 127, N Jct (Advance Beacon, EB) (Carlyle) LED |
| FB0560 | CA | US 51 & DuBois / Oakdale Rd. (W of DuBois) (EB & WB) LED |
| FB0580 | NA | US 67 & 9th St (SB Advance Beacon) (Alton) LED |
| FB0600 | NA | US 67 & Sherman Street (3-Way Red LED) Whitehall |
| FB0605 | NA | US 67 & IL 106 Stop Sign, on US 67 (Solar)(Whitehall) LED |
| FB0620 | NA | IL 267 & IL 108 (S of Greenfield) LED |
| FB0640 | NA | US 67 & IL 111 (Godfrey) WB LED |
| FB0650 | NA | IL 111 (Old US 67) & Oak Rest Rd./Irish Ln. (SB advance beacon)(Jersey County) LED |
| FB0660 | SA | 71st St. & St Clair Ave (E St Louis) (Advance and Stop Sign) LED |
| FB0680 | NA | IL 96 & Hamburg Road (S of Mozier) LED |
| FB0700 | CA | IL 111 & IL 162 (SB Advance Beacon) (Pontoon Beach) LED |
| FB0720 | NA | IL 127 & IL 140, W Jct (SB Advance Beacon) (NW of Greenville) LED |
| FB0740 | NA | IL 127 & IL 140, W Jct (NW of Greenville) SB LED |
| FB0750 | NA | IL 127 & 3rd Street (Greenville) (4-way red mastarm) LED |
| FB0760 | NA | IL 127 & Sorento Rd / Reno Rd (N of Greenville) (EB) LED |
| FB0765 | CA | IL 127 & IL 143 (Bond County) (EB) LED |
| FB0780 | CA | IL 127 & IL 161 (SW of Posey) LED |
| FB0790 | SA | IL 127 & Huegely St. (Advance WigWag NB) Nashville LED |
| FB0800 | CA | IL 127 & IL 177 (New Minden) LED |
| FB0820 | CA | IL 127 & DuBois Rd (EB & WB) (SW of Posen) LED |
| FB0830 | NA | IL 140 & Brakhane Rd.(Stop Sign)(W.of Hamel) LED |
| FB0831 | NA | IL 140 & Brakhane Rd. (EB Advance)(W. of Hamel) LED |
| FB0832 | NA | IL 140 & Quercus Grove Rd. (WB Advance)(W. of Hamel) LED |
| FB0840 | NA | IL 140 & Carpenter Rd (Advance EB) (W. of Hamel) LED |

| Flashing Beacons | | |
|-------------------------|-------------|---|
| Beacon# | Area | Location |
| FB0860 | NA | IL 143 & Schwarz Rd (NE of Edwardsville) (WB Advance) LED |
| FB0880 | NA | IL 143 & Schwarz Rd (NE of Edwardsville) (Wig-Wag) LED |
| FB0900 | NA | IL 143 & Wanda Rd (E of Roxana) (NB) (Advance EB & WB) LED |
| FB0920 | CA | IL 157 & IL 162, S Jct (Glen Carbon) (WB) LED |
| FB0940 | CA | IL 157 & IL 162, N Jct (Glen Carbon) (EB) LED |
| FB0950 | NA | IL 157 & I-270, North Junction (WB exit ramp advance beacon) LED |
| FB0960 | NA | IL 157 & SIU-E (South Access Rd) (S of SIU-E) (Advance SB) LED |
| FB0965 | NA | New Poag Road & SIU-E Access Road (LED) |
| FB0970 | NA | IL 140 & IL 157/Hillsboro Ave.(4 red beacons on stop sign posts)(Hamel) LED |
| FB0975 | NA | IL 140 & IL 160 LED |
| FB0980 | SA | IL 158 & IL 161, E Jct (S of Scott AFB) LED |
| FB0990 | SA | IL 158 & Frank Scott Pkwy. (EB Advance Yellow LED) (SW Belleville) |
| FB0991 | SA | IL 159 & Frank Scott Pkwy. (WB Advance Yellow LED) (SW Belleville) |
| FB0992 | SA | IL 158 & Mine Haul Rd. (EB Advance Yellow LED) (SW Belleville) |
| FB0993 | SA | IL 158 & Mine Haul Rd. (WB Advance Yellow LED) (SW Belleville) |
| FB1000 | SA | IL 159 & Douglas Rd (Advance Beacons NB, SB, EB, & WB) LED |
| FB1005 | SA | IL 159 & IL 156 (NB Advance Yellow LED) (Hecker) |
| FB1006 | SA | IL 159 & IL 156 (SB Advance Yellow LED) (Hecker) |
| FB1007 | SA | IL 159 & IL 156 (EB Stop Sign LED) (Hecker) |
| FB1008 | SA | IL 159 & IL 156 (WB Stop Sign LED) (Hecker) |
| FB1020 | CA | IL 159 & Country Lane (NB & SB Advance) (Collinsville) LED |
| FB1038 | NA | IL 159 (SB) North of Moro Rd (Advance Wig-Wag) LED |
| FB1040 | NA | Beacons removed - EB & WB Moro Road at IL 159 |
| FB1042 | NA | IL 159 (NB) South of Moro Rd (Advance Wig-Wag) LED |
| FB1060 | NA | IL 159 & Seiler Rd (E of Dorsey) LED |
| FB1080 | NA | IL 159 & Prairie Town / Renken Rd (S of Dorsey) LED |
| FB1120 | SA | IL 161 & Boul Ave (EB Advance Beacon) (Swansea) LED |
| FB1125 | SA | IL 161 & Boul Ave (WB) (Swansea) LED |
| FB1128 | SA | IL 161 & Old Lincoln Tr.(Advance yellow beacon) Fairview Hgts. LED |
| FB1129 | SA | IL 161 & Carson Dr./74th St. (NB & SB Advance Yellow LED) (Belleville) |
| FB1130 | CA | IL 161 & Norfolk & Western RR (E of Albers) LED |
| FB1135 | SA | IL 160/177 & Venedy Station (Okawville) LED |
| FB1140 | CA | IL 161 & Broadway (EB & WB Advance)(LED)(Hoffman) |
| FB1150 | SA | IL 163 & Zingg Road NB Advance Beacon Wig Wag LED |
| FB1151 | SA | IL 163 & Zingg Road SB Advance Beacon Wig Wag LED |
| FB1160 | SA | IL 163 & Concordia Church Rd (N of Millstadt) (Advance SB) LED |

| Flashing Beacons | | |
|-------------------------|-------------|--|
| Beacon# | Area | Location |
| FB1170 | SA | IL 163 & Eiler Rd. (Stop Sign FB) LED |
| FB1180 | CA | IL 203 & Edwardsville Rd (NB & SB) (Madison) LED |
| FB1190 | CA | Maryville Rd. & Old Alton Rd. (4 way red LED mastarm)(N. of GC) LED |
| FB1200 | CA | IL 203 & Collinsville Rd. (SB) (Fairmont City) LED |
| FB1220 | NA | IL 67 & McClusky Rd (Advance NB) (New Delhi) LED |
| FB1240 | CA | Caseyville Rd (CH 51) & West Morrison (CH 30) (Collinsville)(NB,SB,WB) LED |
| FB1260 | SA | Douglas Rd & Saxtown Rd (S of Millstadt)(NB & SB)(EB & WB) Advance & Stop Sign LED |
| FB1280 | CA | St Louis Ave & Cedar St MAINTAINED BY COLLINSVILLE 4/19/2009 |
| FB1300 | NA | Great River Rd Bikeway & Piasa Creek (E of Grafton) |
| FB1310 | NA | Great River Rd Bikeway & Red Bud Lane (Juvenile Center) |
| FB1320 | NA | Great River Rd Bikeway & Brown St (Grafton) |
| FB1340 | CA | I-64 (WB) East of 10th St (Wig-Wag) (East St Louis) removed |
| FB1360 | CA | REMOVED OCTOBER 2011 I-55/70 WB Ramp to EB I-64 Wig-Wag |
| FB1380 | CA | I-64 (WB) East of IL 159 (HAR Sign) |
| FB1400 | CA | I-64 (WB) East of IL 4 (HAR Sign) |
| FB1420 | NA | I-70 (WB) East of I-55 (HAR Sign) |
| FB1440 | NA | I-70 (WB) West of IL 160 (HAR Sign) |
| FB1460 | NA | I-55 (SB) North of I-270 (HAR Sign) |
| FB1480 | NA | I-55 (SB) South of IL 4 (HAR Sign) |
| FB1490 | SA | I-255 (SB) South of IL 157 (HAR Sign) Cahokia |
| FB7000 | CA | IL 37 & Boone Street (Salem) LED |
| FB7001 | CA | US 50 & Ohio Street (Salem) LED |
| FB7002 | CA | US 50 & Willow Street (Sandoval) LED (Pedestrian Crosswalk) |
| FB7003 | CA | US 51 & Hardin Street (Central City) LED (Dusk to dawn) |
| FB7004 | CA | US 50 & Broadway Street (Sandoval) LED (Pedestrian Crosswalk) |
| FB7005 | CA | IL 161 & Airport Road (Centralia) LED (signals & lites) |
| FB7006 | CA | US 50 & Iuka / Omega Road (Iuka) LED |
| FB7007 | CA | Selmaville Road & World Color Entrance (S. of Selma) LED |
| FB7008 | CA | US 50 & Selma Road EB (W. of Selma) LED (Advance) |
| FB7009 | CA | IL 37 & IL 161 (S. of Salem) LED |
| FB7010 | CA | US 51 & Patoka / Kinmundy Road (Kinoka Road) LED |
| FB7011 | CA | IL 37 & Kell Road (N. of Dix) LED |
| FB7012 | CA | US 50 & US 51 North Junction (Sandoval) LED |
| FB7013 | CA | Old US 51 RR Underpass SB (N. of Centralia) LED |
| FB7014 | CA | Old US 51 RR Underpass NB (N. of Centralia) LED |

| Flashing Beacons | | |
|-------------------------|-------------|--|
| Beacon# | Area | Location |
| FB7015 | CA | US 50 & Selmaville Road WB (W. of Salem) LED (Advance) |

TRAFFIC SIGNAL LOCATIONS

| Traffic Signals | | | | | |
|-----------------|----------------|-----|---|---------------------------|-----------|
| District | Intersection # | LED | Intersection ID | Area | County |
| SA | 00008 | Y | IL 3 & S. Market St. (LED) | Waterloo | Monroe |
| SA | 00009 | Y | IL 3 & IL 156 (LED) | Waterloo | Monroe |
| SA | 00010 | Y | IL 156 & Market St. (LED) | Waterloo | Monroe |
| SA | 00012 | Y | Market & 1st St. (LED) | Waterloo | Monroe |
| SA | 00013 | Y | IL 3 & Illinois Avenue (LED) | Waterloo | Monroe |
| SA | 00015 | Y | IL 3 & N. Market St./WalMart (LED) | Waterloo | Monroe |
| SA | 00016 | Y | IL 3 & HH Rd./Country Club Lane (LED) | Waterloo | Monroe |
| SA | 00020 | Y | IL 3 & S. Main St./ Gall Rd. (LED) | Columbia | Monroe |
| SA | 00023 | Y | IL 3 & Bottom Ave. / Weinel Blvd.(LED) | Columbia | Monroe |
| SA | 00025 | Y | IL 3 & Valmeyer Rd.(LED) | Columbia | Monroe |
| SA | 00035 | Y | IL 3 & Veteran's Pkwy (LED) | Columbia | Monroe |
| SA | 00040 | Y | IL 3 & N. Main St./Sand Bank Rd. (LED) | Columbia | Monroe |
| SA | 00060 | Y | IL 3 & Stolle Rd. (LED) | Cahokia- (South of) | St. Clair |
| SA | 00080 | Y | IL 3 & Water St./5th St. (LED) | Cahokia | St. Clair |
| SA | 00100 | Y | IL 3 & IL 157 (LED) | Cahokia | St. Clair |
| SA | 00120 | Y | IL 3 & Jerome Ln. (LED) | Cahokia | St. Clair |
| SA | 00140 | Y | IL 3 & Queeny Ave. (LED) | Sauget | St. Clair |
| SA | 00160 | Y | IL 3 & Monsanto Ave. (LED) (RR) | Sauget | St. Clair |
| SA | 00180 | Y | IL 3 & Mississippi Ave./8th St. (LED) | E. St. Louis | St. Clair |
| CA | 00200 | Y | IL 3 & Broadway / Venice (LED) | Venice | St. Clair |
| CA | 00201 | Y | Relocated IL 3 & Broadway Ave / 2nd Street,Venice (LED) | Venice | St. Clair |
| CA | 00205 | Y | IL 3 & Bissell Ave. (RR) (LED) | Madison | Madison |
| CA | 00220 | Y | IL 3 & Niedringhaus Ave. (LED) | Granite City | Madison |
| CA | 00240 | Y | IL 3 & 20th St. (LED) | Granite City | Madison |
| CA | 00260 | Y | IL 3 & Rock Rd. (LED) | Granite City/Tri Cty Port | Madison |
| CA | 00265 | Y | IL 3 & Pontoon Rd. (LED) | Granite City | Madison |
| CA | 00266 | Y | IL 3 & Missouri Ave./Granite Park Dr. (LED) | Granite City | Madison |
| CA | 00270 | Y | IL 3 & Northgate Industrial Dr. (LED) | Granite City | Madison |
| CA | 00280 | Y | IL 3 & Chain of Rocks Rd. (LED)(VIDEO) | Granite City- (North | Madison |

VARIOUS ROUTES
SECTION DIST 8 LTS 2023-2
VARIOUS COUNTIES
CONTRACT NO. 76R88

| Traffic Signals | | | | | |
|-----------------|----------------|-----|---|-------------------------|-----------|
| District | Intersection # | LED | Intersection ID | Area | County |
| NA | 00282 | Y | IL 3 & I-270, North Junction (LED) | Granite City (North of) | Madison |
| NA | 00290 | Y | IL 3 & New Poag Rd. (RR)(LED) | Hartford- (South of) | Madison |
| NA | 00295 | Y | IL 3 & Piasa Ln. (LED) | Hartford | Madison |
| NA | 00300 | Y | IL 3 & Hawthorne St. (LED) | Hartford | Madison |
| NA | 00320 | Y | IL 3 & IL 143, Main Jct. (LED) | Wood River | Madison |
| NA | 00340 | Y | IL 3 & IL 143, South Jct. (LED) | Wood River | Madison |
| NA | 00360 | Y | IL 3 & IL 143, West Jct. (LED) | Wood River | Madison |
| NA | 00365 | N | IL 3 & Olin Brass Ent. | East Alton | Madison |
| NA | 00380 | Y | IL 3 & St. Louis Ave. (LED) | East Alton | Madison |
| NA | 00400 | Y | IL 3 & Niagara Ave./Virginia Ave. (LED) | East Alton | Madison |
| NA | 00420 | Y | IL 3 & Broadway / Alton (LED) | Alton | Madison |
| NA | 00440 | Y | IL 3 & IL 111, 140 (LED) | Alton | Madison |
| NA | 00460 | Y | IL 3, 111 & Bloomer Dr. (LED) | Alton | Madison |
| NA | 00480 | Y | IL 3, 111 & Seminary Rd. (LED) | Alton | Madison |
| NA | 00485 | Y | IL 255 & Humbert Rd., S. Jct. (LED)(Video) | Alton | Madison |
| NA | 00486 | Y | IL 255 & Humbert Rd., N. Jct. (LED)(Video) | Alton | Madison |
| NA | 00500 | Y | IL 3, 111 & Washington Ave./Humbert Rd. (LED) | Alton | Madison |
| NA | 00520 | Y | IL 3, 111 & Humbert St./Morning Star Dr. (LED) | Alton | Madison |
| NA | 00540 | Y | IL 3, 111 & Buckmaster Rd. (LED) | Alton | Madison |
| NA | 00550 | Y | IL 3, 111 & Golf Road (LED) | Alton | Madison |
| NA | 00560 | Y | IL 3, 111 & Alton Sq. Mall Dr. (LED) | Alton | Madison |
| NA | 00580 | Y | IL 3, 111 & Alby St. (LED) | Alton | Madison |
| NA | 00600 | Y | IL 3, 111 & Gerson Ave. (LED) | Godfrey | Madison |
| NA | 00620 | Y | IL 3, 111 & State St./Godfrey Rd. (LED) | Godfrey | Madison |
| NA | 00630 | Y | IL 3 & St. Ambrose Ln. (LED) | Godfrey | Madison |
| NA | 00640 | Y | IL 3 (H. Adams Pkwy.) & W. Delmar Ave. (LED) | Godfrey | Madison |
| NA | 00641 | Y | IL 3 & Pierce Ln./Frontenac Dr. (LED) | Godfrey | Madison |
| SA | 00645 | Y | IL 4 & Masonic Dr. (LED) | Sparta | Randolph |
| SA | 00647 | Y | IL 4 & WalMart Ent. (LED) | Sparta | Randolph |
| SA | 00650 | Y | IL 4 & IL 161, E. Jct. (LED) | Mascoutah | St. Clair |
| SA | 00660 | Y | E. Hwy 50 & Lincoln St. (LED) | O'Fallon | St. Clair |
| SA | 00680 | Y | E. Hwy 50 & Smiley St. (LED) | O'Fallon | St. Clair |

VARIOUS ROUTES
SECTION DIST 8 LTS 2023-2
VARIOUS COUNTIES
CONTRACT NO. 76R88

| Traffic Signals | | | | | |
|-----------------|----------------|-----|--|------------------------|------------|
| District | Intersection # | LED | Intersection ID | Area | County |
| SA | 00740 | Y | IL 15 (Mo. Ave.) & 9th St. (LED) | E. St. Louis | St. Clair |
| SA | 00780 | Y | IL 15 (Mo. Ave.) & 10th St. (LED) | E. St. Louis | St. Clair |
| CA | 00820 | Y | 10th St. & Baugh Ave. (LED) | E. St. Louis | St. Clair |
| SA | 00840 | Y | IL 15 (Mo. Ave.) & 13th St. (LED) | E. St. Louis | St. Clair |
| SA | 00860 | Y | IL 13 & 74th St./Westfield Plaza Pkwy (LED) | Belleville | St. Clair |
| SA | 00870 | Y | IL 13 & Westfield Plaza Shopping Ctr. (LED) | Belleville | St. Clair |
| SA | 00875 | Y | IL 13 & N. Belt West (LED) | Belleville | St. Clair |
| SA | 00880 | Y | IL 13 & Frank Scott Pkwy. West (LED) | Belleville | St. Clair |
| SA | 00884 | Y | IL 15 & Frank Scott Pkwy.W. N. Jct. (LED) | Belleville | St. Clair |
| SA | 00885 | Y | IL 15 & Frank Scott Pkwy.W. S. Jct. (LED) | Belleville | St. Clair |
| SA | 00890 | Y | IL 13 & IL 157, 163 (LED) | Centreville | St. Clair |
| SA | 00895 | Y | IL 13 & 17th Street (LED) | Belleville | St. Clair |
| SA | 00900 | Y | IL 13 & IL 158 (LED) | Belleville | St. Clair |
| SA | 00920 | Y | IL 13 & State St. (LED) | Belleville | St. Clair |
| SA | 00940 | Y | IL 13 & IL 159 (LED) | Belleville | St. Clair |
| SA | 00950 | Y | IL 13 & Keim Rd. (LED) | New Athens | St. Clair |
| SA | 00960 | Y | IL 15 & IL 163/Pocket Rd. (LED) | Alorton | St. Clair |
| SA | 00965 | Y | IL 15 & Lakewood Pl./Racehorse Dr. (LED) | Alorton & Centreville | St. Clair |
| SA | 00970 | Y | IL 15 & Shrine Ent./DeMazenod Dr. (LED) | Belleville- (West of) | St. Clair |
| SA | 00980 | Y | IL 15 & 74th St./Westfield Plaza Pkwy (LED) | Belleville | St. Clair |
| SA | 00983 | Y | IL 15 & 17th Street / Oliver C Joseph (LED) | Belleville | St. Clair |
| SA | 00985 | Y | IL 15 & 11th St. (LED) | Belleville- (South of) | St. Clair |
| SA | 00987 | N | IL 15 & IL 158, S. Jct. - REMOVED 5/2013 | Belleville | St. Clair |
| SA | 00988 | N | IL 15 & IL 158, N. Jct. - REMOVED 5/2013 | Belleville | St. Clair |
| SA | 00990 | Y | IL 15 & IL 159, S. Jct. (LED) | Belleville | St. Clair |
| SA | 01000 | Y | IL 15 & Green Mount Rd. (LED) | Belleville- (SE of) | St. Clair |
| SA | 01004 | Y | IL 13/15 & Main Street/Oak Brook Drive (LED) | Freeburg | St. Clair |
| SA | 01006 | Y | IL 15 & Apple St. (LED) | Freeburg | St. Clair |
| SA | 01008 | Y | IL 13/15 & Market Place Drive (LED) | Freeburg | St. Clair |
| SA | 01010 | Y | IL 15 & IL 127 (LED) | Nashville | Washington |
| SA | 01014 | Y | IL 127 & Enterprise Avenue (LED) | Nashville | Washington |

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| SA | 01016 | Y | IL 127 & Mockingbird Road (LED) | Nashville | Washington |
|----|-------|---|---------------------------------|-----------|------------|

Traffic Signals

| District | Intersection # | LED | Intersection ID | Area | County |
|----------|----------------|-----|---|-------------------------|-----------|
| CA | 01020 | Y | 15th St. & Baugh Ave. (LED) | E. St. Louis | St. Clair |
| SA | 01040 | Y | IL 15 (Mo. Ave.) & 15th St. (LED) | E. St. Louis | St. Clair |
| SA | 01060 | Y | 15th St. & St. Clair Ave. (LED) | E. St. Louis | St. Clair |
| NA | 01080 | Y | IL 16 & US 67 (LED) | Jerseyville | Jersey |
| NA | 01084 | Y | IL 16 & Maple Summit Rd. (LED) | Jerseyville | Jersey |
| SA | 01090 | Y | N. Belt W. & 17th St. (LED) | Belleville | St. Clair |
| SA | 01100 | Y | IL 15 (Mo.) & 18th St. (LED) | E. St. Louis | St. Clair |
| SA | 01120 | Y | 18th St. & St. Clair Ave. (LED) REMOVED | E. St. Louis | St. Clair |
| SA | 01140 | Y | 25th St. & St. Clair Ave. (LED) | E. St. Louis | St. Clair |
| SA | 01200 | Y | 25th St. & State St. (LED) MAINTAINED BY ESL | E. St. Louis | St. Clair |
| SA | 01220 | Y | IL 15 (Mo. Ave.) & 26th St. (LED) | E. St. Louis | St. Clair |
| CA | 01240 | Y | I-255 & Horseshoe Lake Rd., W. Jct. (LED) | Collinsville- (West of) | Madison |
| CA | 01241 | Y | I-255 & Horseshoe Lake Rd., E. Jct. (LED) | Collinsville (West of) | Madison |
| CA | 01242 | Y | Horseshoe Lake Rd. & Eastport Plaza Drive (LED) | Collinsville | Madison |
| SA | 01260 | Y | 37th / 38th St. & St. Clair Ave. (LED) | E. St. Louis | St. Clair |
| CA | 01265 | Y | US 40 & Formosa Rd. (LED) | Troy | Madison |
| CA | 01270 | Y | US 40 & O'Fallon Rd./Main St. (LED) | Troy | Madison |
| CA | 01273 | Y | US 40 & Bethany Ln / Triad HS. (LED) | E. of Troy | Madison |
| CA | 01275 | Y | US 40 & Marine Rd./Douglas St. (RR) (LED) | St. Jacob | Madison |
| CA | 01280 | Y | US 40 & IL 143 (LED) | Highland | Madison |
| CA | 01281 | Y | IL 143 & Northtown Ent. / RP Lumber (LED) | Highland | Madison |
| NA | 01283 | Y | US 40 & IL 127 (LED) | Greenville | Bond |
| SA | 01285 | y | N. Belt W. & 42nd St./Shop n' Save (LED) | Belleville | St. Clair |
| SA | 01290 | Y | N. Belt W. & 47th St./Schnuck's (LED) | Belleville | St. Clair |
| CA | 01295 | Y | Old US 50 & Germantown Rd./ Mater Dei Dr. (LED) | Breese | Clinton |
| CA | 01297 | N | Old US 50 & Walnut St. | Breese | Clinton |
| CA | 01300 | Y | US 50 & IL 127, S. Jct. (LED) OLD | Carlyle | Clinton |
| CA | 01320 | Y | US 50 & IL 127, N. Jct. (LED) NEW | Carlyle | Clinton |
| CA | 01322 | Y | IL 127 & Gateway Ave/E. William Rd(LED) | Carlyle | Clinton |
| CA | 01325 | Y | US 50 & Illinois Street, Salem | Salem | Marion |

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|----|-------|---|------------------------|-------|--------|
| CA | 01326 | Y | US 50 (Main) & College | Salem | Marion |
|----|-------|---|------------------------|-------|--------|

Traffic Signals

| District | Intersection # | LED | Intersection ID | Area | County |
|----------|----------------|-----|---|----------------|-----------|
| CA | 01327 | Y | US 50 (Main) & IL 37 (Broadway) | Salem | Marion |
| CA | 01328 | Y | US 50 (Main) & Jefferson | Salem | Marion |
| CA | 01329 | Y | US 50 (Main) & Westgate | Salem | Marion |
| CA | 01330 | Y | US 50 & Selmaville Road | Salem | Marion |
| CA | 01331 | Y | US 50 (Main) & I-57 East Junction | Salem | Marion |
| CA | 01332 | Y | US 50 (Main) & I-57 West Junction | Salem | Marion |
| CA | 01333 | Y | IL 37 (Broadway) & Boone | Salem | Marion |
| CA | 01334 | Y | US 50 (Main) & Hotze | Salem | Marion |
| CA | 01335 | Y | US 50 & Baldrige (WalMart) | Salem | Marion |
| CA | 01340 | Y | US 50 & IL 158 (LED) | O'Fallon | St. Clair |
| SA | 01342 | Y | W. Hwy 50 & Castle Acres/Auto Ct. (LED) | O'Fallon | St. Clair |
| SA | 01345 | Y | W. Hwy 50 & WalMart/Dean Dr. (LED) | O'Fallon | St. Clair |
| SA | 01350 | Y | W. Hwy 50 & Sam's/Long Dr. (LED) | O'Fallon | St. Clair |
| SA | 01355 | Y | W. Hwy 50 & Hartman Ln. (LED) | O'Fallon | St. Clair |
| SA | 01360 | Y | W. Hwy 50 & I-64, W. Jct. (LED) | O'Fallon | St. Clair |
| CA | 01365 | Y | W. Hwy 50 & I-64, E. Jct. (LED) | O'Fallon | St. Clair |
| CA | 01366 | Y | W. Hwy 50 & Venita Dr./Regency Pk. (LED) | O'Fallon | St. Clair |
| SA | 01367 | Y | I-64 & Green Mount Rd. S. Jct. (LED) | O'Fallon | St. Clair |
| CA | 01368 | Y | I-64 & Green Mount Rd. N. Jct. (LED) | O'Fallon | St. Clair |
| CA | 01370 | Y | W. Hwy 50 & Schwaegel/N. Green Mt. Rd. (LED) | O'Fallon | St. Clair |
| CA | 01371 | Y | W. Hwy 50 & 3rd St./Cambridge Blvd. (LED) | O'Fallon | St. Clair |
| CA | 01372 | Y | E. Hwy. 50 & Schnucks Entrance (LED) | O'Fallon | St. Clair |
| CA | 01374 | Y | E. Hwy 50 & N. Seven Hills Rd./Timber Creek Dr. (LED) | O'Fallon | St. Clair |
| CA | 01376 | Y | East Hwy 50 & Shiloh Cut-Off/Main St. (LED) | O'Fallon | St. Clair |
| CA | 01378 | y | IL 4 & US 50 / St. Louis St. (LED) | Lebanon | St. Clair |
| SA | 01380 | Y | Frank Scott Parkway. & W. Main St. (LED) | Belleville | St. Clair |
| CA | 01382 | | I-64 & Rieder Road, North Junction (LED) | E. of O'Fallon | St. Clair |
| SA | 01383 | | I-64 & Rieder Road, South Junction (LED) | E. of O'Fallon | St. Clair |
| SA | 01390 | Y | Frank Scott Parkway & Dapron Drive (LED) | Belleville | St. Clair |
| SA | 01420 | Y | N. Belt W. & Frank Scott Pkwy. (LED) | Belleville | St. Clair |
| NA | 01445 | Y | US 67 & Clark Bridge (LED) | Alton | Madison |
| NA | 01450 | Y | US 67 & Ridge St. (RR) (LED) | Alton | Madison |

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| NA | 01455 | Y | US 67 & Henry St. (RR) (LED) | Alton | Madison |
| NA | 01458 | Y | US 67 & IL 100 (LED) | Alton | Madison |
| NA | 01470 | Y | US 67 & 9th St. (LED) | Alton | Madison |
| NA | 01482 | Y | US 67 & College/20th St. (LED) | Alton | Madison |
| NA | 01485 | Y | US 67 & Alton Sq. Mall Dr. (LED) | Alton | Madison |
| NA | 01490 | Y | US 67 & Northport Dr. (LED) | Alton | Madison |
| NA | 01495 | Y | US 67 & Godfrey Rd. (LED) | Godfrey | Madison |
| NA | 01497 | Y | US 67 & Taylor Ave/Celesta St. (LED) | Godfrey | Madison |
| NA | 01498 | Y | US 67 & Stamper Ln. (LED) | Godfrey | Madison |
| NA | 01500 | Y | US 67 & Tolle Ln. (LED) | Godfrey | Madison |
| NA | 01520 | Y | US 67 & Elm Street (LED) | Godfrey | Madison |
| NA | 01525 | Y | US 67 & Pearl St. / Godfrey(LED) | Godfrey | Madison |
| NA | 01526 | Y | IL 255 & IL 111 / US 67 East Jct. (LED)(Video) | Godfrey | Madison |
| NA | 01527 | Y | US 67 & Wal-Mart Drive (LED) (Godfrey) | Godfrey | Madison |
| NA | 01530 | Y | IL 255 & Fosterburg Rd., S. Jct. (LED) | Alton | Madison |
| NA | 01531 | Y | IL 255 & Fosterburg Rd. N. Jct. (LED) | Alton | Madison |
| SA | 01540 | Y | 70th St. & W. Main St./Foley Dr. (LED) | Belleville | St. Clair |
| NA | 01550 | Y | US 67 / IL 111 & Lars Hoffman Crossing (LED) | Godfrey | Madison |
| SA | 01560 | Y | 74th St. & Foley Dr. (LED) | Belleville | St. Clair |
| SA | 01580 | Y | 79th St. & St. Clair Ave. (LED) | E. St. Louis | St. Clair |
| NA | 01590 | Y | IL 100 & Clifton Terrace Rd. (LED) | Godfrey | Madison |
| NA | 01600 | Y | IL 109 & US 67 (LED) | Jerseyville | Jersey |
| SA | 01620 | Y | IL 111 & Summit Ave. (LED) | E. St. Louis | St. Clair |
| SA | 01640 | Y | IL 111 & St. Clair Ave. (LED) | Washington Park | St. Clair |
| CA | 01660 | Y | IL 111 & I-64, N. Jct. (LED) | Washington Park | St. Clair |
| CA | 01680 | Y | IL 111 & Bunkum Rd. (LED) | Washington Park | St. Clair |
| CA | 01700 | Y | IL 111 & Maryland Ave. (LED) | Fairmont City | St. Clair |
| CA | 01720 | Y | IL 111 & Collinsville Rd., E. Jct. (LED) | Fairmont City | St. Clair |
| CA | 01740 | Y | IL 111 & Collinsville Rd., W. Jct. (LED) | Fairmont City | St. Clair |
| CA | 01760 | Y | IL 111 & Horseshoe Lake Rd. (LED) | Pontoon Beach | Madison |
| CA | 01780 | Y | IL 111 & IL 162 (LED) | Pontoon Beach | Madison |
| CA | 01800 | Y | IL 111 & Pontoon Rd. (LED) | Pontoon Beach | Madison |
| CA | 01810 | Y | IL 111 & Engineer Rd. (LED) | Pontoon Beach | Madison |
| NA | 01820 | Y | IL 111 & Chain of Rocks Rd. (Video) (LED) | Pontoon Beach-(N of) | Madison |
| NA | 01825 | Y | IL 111 & Gateway Commerce Center Dr. | Edwardsville and | Madison |

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|-----------------|----------------|----------------------------|--|-----------------------|---------|
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| | | | (LED) | Pontoon | |
| NA | 01830 | Y | IL 111 & New Poag Rd. (LED) | Pontoon Beach-(N of) | Madison |
| NA | 01835 | Y | Madison Ave. & Hedge Rd. (LED) | South Roxana | Madison |
| NA | 01840 | Y | IL 111 & Madison St./Hawthorne St. (RR) (LED) | Roxana | Madison |
| NA | 01860 | Y | IL 111 & Tydeman Ave. (LED) | Roxana | Madison |
| NA | 01880 | Y | IL 111 & Thomas St. (LED) | Roxana | Madison |
| NA | 01900 | Y | IL 111 & Esther Ave. (LED) | Wood River | Madison |
| NA | 01920 | Y | IL 111 & IL 143 (LED) | Wood River | Madison |
| NA | 01940 | Y | IL 111 & Edwardsville Rd. (LED) | Wood River | Madison |
| NA | 01945 | Y | IL 111 & Wesley Dr. (LED) | Wood River | Madison |
| NA | 01947 | Y | IL 111 & Memorial Lane (LED) | Wood River | Madison |
| NA | 01960 | Y | IL 111 & Airline Dr. (LED) | Bethalto | Madison |
| NA | 01980 | Y | IL 111 & IL 140, E. Jct. (LED) | Bethalto | Madison |
| NA | 01986 | Y | IL 111 & IL 255, North Junction (LED) | Bethalto | Madison |
| NA | 01987 | Y | IL 111 & IL 255, South Junction (LED) | Bethalto | Madison |
| NA | 02000 | Y | IL 111, 140 & Franklin Ave. (LED) | Cottage Hills | Madison |
| NA | 02001 | N | IL 140 near Lenora Cottage Hills (Removed) | Cottage Hills | Madison |
| NA | 02020 | Y | IL 111, 140 & Stanley Rd. (LED) | Alton | Madison |
| NA | 02030 | Y | IL 140 & IL 255 Ramps (LED) | Bethalto | Madison |
| NA | 02040 | Y | IL 111, 140 & Powder Mill Rd. (LED) | Alton | Madison |
| NA | 02050 | Y | IL 111, 140 & Park Rd. (LED) | Alton | Madison |
| NA | 02060 | Y | IL 111, 140 & Fosterburg Rd. (LED) | Alton | Madison |
| NA | 02062 | Y | IL 127 & Elm St. (LED) | Greenville | Bond |
| NA | 02065 | Y | IL 140 (Landmark) & IL 143 (LED) Broadway Connector | Alton | Madison |
| NA | 02070 | Y | IL 140 & IL 159 (LED) | Bethalto- (East of) | Madison |
| NA | 02075 | Y | IL 140 & Texas Blvd.(LED)(VIDEO) | Bethalto | Madison |
| NA | 02080 | Y | IL 140 & Prairie St. (LED) | Bethalto | Madison |
| NA | 02085 | Y | IL 140 & Moreland St. (LED) | Bethalto | Madison |
| NA | 02087 | Y | IL 140 & Rodgers Ave. (LED) | Alton | Madison |
| NA | 02090 | Y | IL 140 (Broadway) & Monument Ave. (LED) | Alton | Madison |
| NA | 02095 | Y | IL 143 & Discovery Pkwy. (LED) | Alton | Madison |
| NA | 02096 | Y | IL 143 & Cpl Belchik (Indiana Ave)(LED) | Alton | Madison |
| NA | 02097 | <input type="checkbox"/> Y | IL 143 & Enviroway (LED) | Wood River | Madison |

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| NA | 03000 | Y | IL 143 & Old St. Louis Rd. (LED) | Wood River | Madison |
| NA | 03020 | Y | IL 143 & Wood River Ave. (LED) | Wood River | Madison |
| NA | 03040 | Y | IL 143 & 6th St. (LED) | Wood River | Madison |
| NA | 03060 | Y | IL 143 & 9th St. (LED) | Wood River | Madison |
| NA | 03080 | Y | IL 143 & 13th St. (LED) | Wood River | Madison |
| NA | 03100 | Y | IL 143 & 14th St./Ferguson Ave. (LED) | Wood River | Madison |
| NA | 03120 | Y | IL 143 & Edwardsville Rd. (LED) | Wood River | Madison |
| NA | 03122 | Y | IL 143 & Wesley Dr. (LED) | Wood River | Madison |
| NA | 03123 | Y | IL 143 & Shop n' Save (LED) | Wood River | Madison |
| NA | 03124 | Y | IL 143 & TCF Entrance -REMOVED 11/11 | Wood River | Madison |
| NA | 03125 | Y | IL 143 & IL 255, W. Jct. (LED) | Roxana | Madison |
| NA | 03126 | Y | IL 143 & IL 255, E. Jct. (LED) | Roxana | Madison |
| NA | 03128 | Y | IL 143 & Wanda Rd / Moreland Rd (LED) | Roxana | Madison |
| NA | 03129 | Y | IL 143 & Governors' Parkway (LED) | Edwardsville | Madison |
| NA | 03130 | Y | IL 143 & IL 157, E. Jct. (LED) | Edwardsville | Madison |
| NA | 03140 | Y | IL 143 & IL 159, N. Jct. (LED) | Edwardsville | Madison |
| NA | 03145 | Y | IL 159 & Moro Road (LED) | Edwardsville (North of) | Madison |
| CA | 03150 | Y | IL 143 & Troxler Ave./Koepfli Ln. (LED) | Highland | Madison |
| SA | 03160 | Y | IL 157 & Falling Springs Rd. (LED) | Cahokia | St. Clair |
| SA | 03180 | y | IL 157 & Range Lane (LED) | Cahokia | St. Clair |
| SA | 03185 | Y | IL 157 & St. Paul Drive (LED) | Cahokia | St. Clair |
| SA | 03190 | Y | IL 157 & Hawkins Dr./Miskell Blvd. (LED) | Cahokia | St. Clair |
| SA | 03200 | Y | IL 157 & Kazilek Dr. (LED) | Cahokia | St. Clair |
| SA | 03210 | Y | IL 157 & Kenneth/Paris Ave. (LED) | Cahokia | St. Clair |
| SA | 03220 | Y | IL 157 & Lazercheff Dr. (LED) | Cahokia | St. Clair |
| SA | 03240 | Y | IL 157 & I-255, W. Jct. (LED) | Cahokia | St. Clair |
| SA | 03260 | Y | IL 157 & I-255 E. Jct./Triple Lakes Rd. (LED) | Cahokia | St. Clair |
| SA | 03280 | Y | IL 157 & Lake Dr./Foley Dr. (LED) | Centreville | St. Clair |
| SA | 03300 | Y | IL 157 & W. Main St./ State St. / E.St. Louis (LED) | E. St. Louis | St. Clair |
| SA | 03320 | Y | IL 157 & Vieux Carre Dr. (LED) | E. St. Louis | St. Clair |
| SA | 03340 | Y | IL 157 & St. Clair Ave., E. Jct. (LED) | Fairview Hts. | St. Clair |
| SA | 03360 | Y | IL 157 & St. Clair Ave., W. Jct. (LED) | Caseyville | St. Clair |
| SA | 03370 | Y | IL 157 & Tucker Dr. (LED) | Caseyville | St. Clair |
| SA | 03380 | Y | IL 157 & I-64, S.Jct./Rauckman Dr. (LED) | Caseyville | St. Clair |
| CA | 03400 | Y | IL 157 & I-64, N. Jct./Petroff Dr. (LED) | Caseyville | St. Clair |

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| District | Intersection # | LED | Intersection ID | Area | County |
| CA | 03410 | Y | IL 157 & Sasak Blvd. (LED) | Caseyville | St. Clair |
| CA | 03420 | Y | IL 157 & Bunkum Rd. (LED) | Caseyville | St. Clair |
| CA | 03440 | Y | IL 157 & O'Fallon St. (LED) | Caseyville | St. Clair |
| CA | 03460 | Y | IL 157 & CH 51 (LED) | Caseyville | St. Clair |
| CA | 03480 | Y | IL 157 & St. Louis Rd., S. Jct. (LED) | Collinsville | Madison |
| CA | 03500 | Y | IL 157 & Collinsville Rd., N. Jct. (LED) | Collinsville | Madison |
| CA | 03520 | Y | IL 157 & W. Main St. / Collinsville (LED) | Collinsville | Madison |
| CA | 03530 | Y | IL 157 & S. Mall Ent./Beverly Ln. (LED) | Collinsville | Madison |
| CA | 03535 | Y | IL 157 & Collinsville Crossing Blvd.(LED) | Collinsville | Madison |
| CA | 03540 | Y | IL 157 & I-55/70, S. Jct. (LED) | Collinsville | Madison |
| CA | 03560 | Y | IL 157 & I-55/70, N. Jct. (LED) | Collinsville | Madison |
| CA | 03580 | Y | IL 157 & Eastport Plaza Dr. (LED) | Collinsville | Madison |
| CA | 03600 | Y | IL 157 & Collinsville Belt (LED) | Collinsville | Madison |
| CA | 03620 | Y | IL 157 & Horseshoe Lake Rd. (LED) | Collinsville | Madison |
| CA | 03630 | Y | IL 157 & W. Main St. / Glen Carbon (LED) | Glen Carbon | Madison |
| CA | 03640 | Y | IL 157 & I-270, S. Jct. (LED) | Glen Carbon- (West of) | Madison |
| NA | 03660 | Y | IL 157 & Chain of Rocks Rd.(LED) (Video) | Edwardsville | Madison |
| NA | 03662 | Y | IL 157 & Country Club/Auerbach (LED) (Video) | Edwardsville & GlenCarbon | Madison |
| NA | 03665 | Y | IL 157 & Meridian Rd.(LED) (Video) | Edwardsville & GlenCarbon | Madison |
| CA | 03668 | Y | IL 157 & Ginger Creek/Excel (LED) (Video) | Edwardsville & GlenCarbon | Madison |
| NA | 03670 | Y | IL 157 & Center Grove Rd. (Video) (LED) | Edwardsville | Madison |
| NA | 03672 | Y | IL 157 & University Park/Mutual Ct. (Video) (LED) | Edwardsville | Madison |
| NA | 03675 | Y | IL 157 & E. University Dr./ Governors Pkwy (Video)(LED) | Edwardsville | Madison |
| NA | 03677 | Y | IL 157 & University Dr./Lewis Rd. (Video) (LED) | Edwardsville | Madison |
| NA | 03680 | Y | IL 157 & Schwarz St. (Video) (LED) | Edwardsville | Madison |
| NA | 03690 | Y | IL 157 & Esic Drive (Video) (LED) | Edwardsville | Madison |
| NA | 03695 | Y | Center Grove Rd. & Esic Dr. (LED) | Edwardsville | Madison |
| NA | 03700 | Y | IL 157 & St. Louis St. (LED) | Edwardsville | Madison |
| NA | 03720 | Y | IL 157 & IL 159 (Buchanan St.), E. Jct. (LED) | Edwardsville | Madison |
| NA | 03740 | Y | IL 157 & IL 159 (Main St.), W. Jct. (LED) | Edwardsville | Madison |
| NA | 03745 | Y | IL 143 & Hillsboro Ave. (LED) | Edwardsville | Madison |

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| SA | 03760 | Y | IL 158 & IL 161, W. Jct. (LED) | Shiloh | St. Clair |
| SA | 03780 | Y | IL 158 & Seibert Rd. (LED) | Shiloh | St. Clair |
| SA | 03785 | Y | IL 158 & Metrolink Sta.10 (LED) | Shiloh (Metro pays) | St. Clair |
| SA | 03790 | Y | Main St & Cross St. (LED) | Shiloh | St. Clair |
| SA | 03800 | Y | IL 158 & Wherry Rd./Maple St. (LED) | Shiloh | St. Clair |
| SA | 03804 | Y | Old IL 158 & Patriots Landing (LED) | Scott AFB | St. Clair |
| SA | 03820 | Y | IL 159 & Douglas Rd. (LED) | Smithton- (North of) | St. Clair |
| SA | 03830 | Y | IL 159 & Ross Ln. (LED) | Belleville | St. Clair |
| SA | 03835 | Y | IL 159 & Sandwedge/ Westhaven (LED) | Belleville | St. Clair |
| SA | 03840 | Y | IL 159 & Monroe St. (LED) | Belleville | St. Clair |
| SA | 03860 | Y | IL 159 & Lincoln St. (LED) | Belleville | St. Clair |
| SA | 03880 | Y | IL 159 & Washington St. (LED) | Belleville | St. Clair |
| SA | 03900 | Y | IL 159 & "A" St. (LED) | Belleville | St. Clair |
| SA | 03920 | Y | IL 159 & "C" St. (LED) | Belleville | St. Clair |
| SA | 03940 | Y | IL 159 & "E" St./Lebanon Ave. (LED) | Belleville | St. Clair |
| SA | 03945 | Y | IL 159 & "F" St. (LED) | Belleville | St. Clair |
| SA | 03950 | Y | IL 159 & Douglas Ave. (RR) (LED) | Belleville | St. Clair |
| SA | 03960 | Y | IL 159 & Boul Ave. (LED) | Swansea | St. Clair |
| SA | 03980 | Y | IL 159 & IL 161 (LED)(VIDEO) | Swansea | St. Clair |
| SA | 03984 | Y | IL 161 & Josephine Dr. (LED) | Swansea | St. Clair |
| SA | 03990 | Y | IL 159 & Parkway Dr./Sta.#7 Access Rd. (LED) | Swansea | St. Clair |
| SA | 04000 | Y | IL 159 & Fullerton Rd. (LED) | Swansea | St. Clair |
| SA | 04005 | Y | IL 159 & Rosewood Village Dr. (LED) | Swansea | St. Clair |
| SA | 04007 | Y | IL 159 & Huntwood Rd. (LED) | Swansea | St. Clair |
| SA | 04008 | Y | IL 159 & Green Haven Dr./North Illinois Lane (LED) | Swansea | St. Clair |
| SA | 04010 | Y | IL 159 & Frank Scott Pkwy. (LED) | Swansea | St. Clair |
| SA | 04015 | Y | IL 159 & Chateau Dr.(LED) | Fairview Hgts | St. Clair |
| SA | 04020 | Y | IL 159 & Longacre Dr./Ashland Dr.(LED) | Fairview Hts. | St. Clair |
| SA | 04030 | Y | IL 159 & Lincoln Pl. (Lowe's Ent.) / Fairview Hgts(LED) | Fairview Hts. | St. Clair |
| SA | 04040 | Y | IL 159 & Lincoln Tr./Lincoln Hwy. (LED) | Fairview Hts. | St. Clair |
| SA | 04060 | Y | IL 159 & K-Mart/Associated Bank(LED) | Fairview Hts. | St. Clair |
| SA | 04080 | Y | IL 159 & St. Clair Sq. Ent./Market Pl. (LED) | Fairview Hts. | St. Clair |
| SA | 04100 | Y | IL 159 & I-64, S. Jct. (LED) | Fairview Hts. | St. Clair |

VARIOUS ROUTES
SECTION DIST 8 LTS 2023-2
VARIOUS COUNTIES
CONTRACT NO. 76R88

| Traffic Signals | | | | | |
|-----------------|----------------|-----|---|--------------------------|-----------|
| District | Intersection # | LED | Intersection ID | Area | County |
| CA | 04120 | Y | IL 159 & I-64, N. Jct. (LED) | Fairview Hts. | St. Clair |
| CA | 04140 | Y | IL 159 & Ludwig Dr./Salem Pl. (LED) | Fairview Hts. | St. Clair |
| CA | 04150 | Y | IL 159 & Fountains Blvd.(LED) | Fairview Hgts. | St. Clair |
| CA | 04152 | Y | IL 159 & Milburn School Rd./E. O'Fallon Dr.(LED)(VIDEO) | Fairview Hgts (North of) | St. Clair |
| CA | 04160 | Y | IL 159 & Hollywood Hts.Rd./Bethel Rd. (LED) | Collinsville-(South of) | St. Clair |
| CA | 04170 | Y | IL 159 & Tanglewood Way (LED) | Caseyville | St. Clair |
| CA | 04171 | Y | IL 159 & N. Commercial Access Rd. (LED) | Caseyville | St. Clair |
| CA | 04180 | Y | IL 159 & S. Morrison St./CH 30 (LED) | Collinsville | St. Clair |
| CA | 04200 | Y | IL 159 & Church St. (LED) | Collinsville | Madison |
| CA | 04220 | Y | IL 159 & Main St. / Collinsville (LED) | Collinsville | Madison |
| CA | 04240 | Y | IL 159 & Clay St. (LED) | Collinsville | Madison |
| CA | 04260 | Y | IL 159 & Wickliffe St. (LED) | Collinsville | Madison |
| CA | 04270 | Y | IL 159 & Spring St (LED) | Collinsville | Madison |
| CA | 04280 | Y | IL 159 & Collinsville Belt (LED) | Collinsville | Madison |
| CA | 04285 | Y | IL 159 & Camelot Drive (LED) | Collinsville | Madison |
| CA | 04290 | Y | IL 159 & Country Ln. (LED) | Collinsville | Madison |
| CA | 04292 | Y | IL 159 & St. Charles Dr. (LED) | Maryville | Madison |
| CA | 04296 | Y | IL 159 & I-55/70, North Junction(LED) | Maryville | Madison |
| CA | 04300 | Y | IL 159 & Maryville Center Dr. (LED) | Maryville | Madison |
| CA | 04320 | Y | IL 159 & Main St. / Maryville(LED) | Maryville | Madison |
| CA | 04322 | Y | IL 159 & Vadalabene Dr.(LED) | Maryville | Madison |
| CA | 04325 | y | IL 159 & IL 162 (LED) | Maryville | Madison |
| CA | 04327 | Y | IL 159 & Glen Crossing Rd. (LED) | Glen Carbon | Madison |
| NA | 04328 | Y | Old Troy Rd. & Glen Crossing Rd. (LED) | Glen Carbon | Madison |
| CA | 04329 | Y | IL 159 & I-270 S.Jct. (LED) | Glen Carbon | Madison |
| NA | 04330 | Y | IL 159 & I-270 N. Jct. (LED) | Glen Carbon | Madison |
| NA | 04340 | Y | IL 159 & Glen Carbon Rd./Cottonwood Rd. (LED) | Glen Carbon | Madison |
| NA | 04341 | Y | Cottonwood Rd. & Junction Dr. (LED) | Glen Carbon | Madison |
| NA | 04360 | Y | IL 159 & Junction Dr. (LED) | Glen Carbon | Madison |
| NA | 04361 | Y | IL 159 & Governors Parkway (LED) | Edwardsville | Madison |
| NA | 04362 | Y | IL 159 & Lowe's / Illini Dr. (LED) | Glen Carbon | Madison |
| NA | 04363 | Y | IL 159 & Dierburgs Entrance / Edw Crossing (LED) | Edwardsville | Madison |
| NA | 04364 | Y | IL 159 & Center Grove/ Kettle River (LED) | Edwardsville | Madison |
| NA | 04365 | Y | Troy Road & Center Grove/Goshen Rd. | Edwardsville | Madison |

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| Traffic Signals | | | | | |
|-----------------|----------------|-----|---|-------------------|-----------|
| District | Intersection # | LED | Intersection ID | Area | County |
| | | | (LED) | | |
| NA | 04366 | Y | Troy Road & Governors Pkwy (LED) | Edwardsville | Madison |
| NA | 04367 | Y | Troy Road & Southern/Kohl's Entrance (LED) | Edwardsville | Madison |
| NA | 04368 | Y | Troy Road & Harvard Drive (LED) | Edwardsville | Madison |
| NA | 04369 | Y | Troy Rd. & LaVelle (LED) | Edwardsville | Madison |
| NA | 04370 | Y | IL 159 (Main St.)& Schwarz St. (LED) | Edwardsville | Madison |
| NA | 04375 | Y | Troy Road & Montclair Ave. (LED) | Edwardsville | Madison |
| NA | 04380 | Y | Troy Road & Franklin Ave. (LED) | Edwardsville | Madison |
| NA | 04400 | Y | Troy Road & Schwarz St. (LED) | Edwardsville | Madison |
| CA | 04420 | Y | IL 160 & Walnut St.(LED) | Highland | Madison |
| CA | 04440 | Y | IL 160 & Laurel St.(LED) | Highland | Madison |
| CA | 04460 | Y | IL 160 & Washington St.(LED) | Highland | Madison |
| CA | 04480 | Y | IL 160 & Cypress St.(LED) | Highland | Madison |
| CA | 04500 | N | US 40 & Troxler Ave / Iberg Rd (LED) | Highland | Madison |
| CA | 04510 | Y | IL 160 & Troxler Ave.(LED) | Highland | Madison |
| SA | 04520 | Y | St.Clair Ave.& 3rd Ave./North Access Rd.(LED) | Fairview Hts. | St. Clair |
| SA | 04525 | Y | IL 161 & Lynn Lee Ct./East Access Rd.(LED) | Fairview Hgts. | St. Clair |
| SA | 04530 | Y | IL 161 & St. Clair Ave.(LED) | Fairveiw Hgts. | St. Clair |
| SA | 04540 | Y | IL 161 & Lincoln Tr./Lebanon Rd. (LED) | Fairview Hts. | St. Clair |
| SA | 04550 | Y | IL 161 & Carson Dr. (LED) | Belleville | St. Clair |
| SA | 04560 | Y | IL 161 & Frank Scott Pkwy West (LED) | Belleville | St. Clair |
| SA | 04580 | Y | IL 161 & Royal Hts. Rd. (LED) | Belleville | St. Clair |
| SA | 04600 | Y | IL 161 & 17th St./Sullivan Dr. (LED) | Belleville | St. Clair |
| SA | 04620 | Y | IL 161 & N. Belt W./Fullerton Rd. (LED) | Swansea | St. Clair |
| SA | 04640 | Y | IL 161 & Lebanon Ave. (LED) | Belleville | St. Clair |
| SA | 04650 | Y | IL 161 & "B" St. (LED) | Belleville | St. Clair |
| SA | 04655 | Y | IL 161 & E. Main St. (LED) | Belleville | St. Clair |
| SA | 04660 | Y | IL 161 & Carlyle Rd. (LED) | Belleville | St. Clair |
| SA | 04680 | Y | IL 161 & West Blvd. (LED) | Belleville | St. Clair |
| SA | 04700 | Y | IL 161 & Green Mount Rd.(LED) | Belleville | St. Clair |
| SA | 04701 | Y | Greenmount Rd. & Weatherstone Dr. / SWIC Entrance (LED) | Belleville | St. Clair |
| SA | 04702 | Y | IL 161 & SWIC/YMCA Ent. (LED) | Belleville | St. Clair |
| SA | 04703 | Y | IL 161 & Commons Drive (LED) | Belleville | St. Clair |
| SA | 04706 | Y | IL 161 & Old IL 158, N. Jct. (LED) | Scott AFB- (South | St. Clair |

VARIOUS ROUTES
SECTION DIST 8 LTS 2023-2
VARIOUS COUNTIES
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| Traffic Signals | | | | | |
|-----------------|----------------|-----|---|---------------------------|-----------|
| District | Intersection # | LED | Intersection ID | Area | County |
| CA | 04712 | Y | IL 162 & Riggin Rd. (LED) | Troy | Madison |
| CA | 04714 | Y | IL 162 & Bradley Smith Blvd. (LED) | Troy | Madison |
| CA | 04715 | Y | IL 162 & I-55,70 Ramps SPDI (LED) | Troy | Madison |
| CA | 04716 | Y | IL 162 & Formosa Rd./Frontage Rd.(LED) | Troy | Madison |
| CA | 04717 | Y | IL 162 & Liebler Rd. / Formosa Rd. (LED) | Troy | Madison |
| CA | 04720 | Y | IL 162 & 23rd St. (LED) | Granite City | Madison |
| CA | 04740 | Y | IL 162 & Maryville Rd. (LED) | Granite City | Madison |
| CA | 04760 | y | IL 162 & Horseshoe Lake Rd./Mockingbird Ln. (LED) | Granite City- (East of)IS | Madison |
| SA | 04780 | Y | IL 177 & Green Mount Rd. (LED) | Belleville | St. Clair |
| SA | 04790 | Y | IL 177 & 6th St. (LED) | Mascoutah | St. Clair |
| CA | 04800 | Y | IL 203 & Ohio Ave. (LED) | Madison | Madison |
| CA | 04820 | Y | IL 203 & Big Bend Rd./Eagle Park Rd. (LED) | Madison | Madison |
| CA | 04840 | Y | IL 203 & Harrison Ave./Maverick Dr. (LED) | Madison | Madison |
| CA | 04850 | Y | IL 203 & 3rd St. (LED) | Madison | Madison |
| CA | 04860 | Y | IL 203 & 6th St. (LED) | Madison | Madison |
| CA | 04880 | Y | IL 203 & 20th St. (LED) | Granite City | Madison |
| CA | 04900 | Y | IL 203 & IL 162 (LED) | Granite City | Madison |
| CA | 04920 | Y | IL 203 & 23rd St. (LED) | Granite City | Madison |
| CA | 04940 | Y | IL 203 & 25th St. (LED) | Granite City | Madison |
| CA | 04960 | Y | IL 203 & Victory Dr. (LED) | Granite City | Madison |
| CA | 04975 | Y | IL 203 & St. Clair Ave./Iowa St. (LED) | Granite City | Madison |
| CA | 04980 | Y | IL 203 & Madison Ave. (LED) | Granite City | Madison |
| CA | 05000 | Y | IL 203 & Jill Ave. (LED) | Granite City | Madison |
| CA | 05020 | Y | IL 203 Johnson/Fehling Road (LED) | Granite City | Madison |
| CA | 05040 | Y | REMOVED IL 203 & Pontoon Road REMOVED | Granite City | Madison |
| CA | 05042 | Y | IL 203 & North Street (LED) | Granite City | Madison |
| CA | 05060 | Y | IL 203 & Maryville Road (RR)(LED) | Granite City- (North of) | Madison |
| NA | 05070 | Y | US 67 & WalMart Entrance (Jerseyville) (LED) | Jerseyville | Jersey |
| NA | 05075 | Y | US 67 & County Road (LED) | Jerseyville | Jersey |
| NA | 05080 | Y | US 67 & Pearl Street / Jerseyville (LED) | Jerseyville | Jersey |
| NA | 05100 | N | Berkshire Ave. & Wood River Ave. | East Alton | Madison |
| NA | 05160 | Y | IL 140 (Broadway) & Washington Ave. | Alton | Madison |

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SECTION DIST 8 LTS 2023-2
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| Traffic Signals | | | | | |
|-----------------|----------------|-----|--|--------------------------|----------------------------|
| District | Intersection # | LED | Intersection ID | Area | County |
| | | | (LED) | | |
| NA | 05180 | Y | Broadway & Main St./Cut St. (LED) | Alton | Madison |
| NA | 05200 | Y | Broadway & Milton Hill Rd. (LED) | Alton | Madison |
| SA | 05210 | Y | Carlyle Ave & McClintock Ave. (LED) | Belleville | St. Clair |
| CA | 05220 | Y | Collinsville Rd. & I-255, W. Jct. (LED) | Collinsville | Madison |
| CA | 05240 | Y | Collinsville Rd. & I-255, E. Jct. (LED) | Collinsville | Madison |
| CA | 05250 | Y | Collinsville Rd. & Collinsville 7/8 Center (LED) | Collinsville | Madison |
| CA | 05260 | Y | Collinsville Road & Black Lane (LED) | Collinsville- (West of) | St. Clair or Madison |
| CA | 05270 | Y | Collinsville Beltline & Johnson Hill Rd. (LED) | Collinsville | Madison |
| CA | 05275 | Y | Collinsville Beltline & Bridle Rdg/Kingsbury Ct. (LED) | Collinsville | Madison |
| CA | 05280 | Y | Collinsville Beltline & Keebler Rd. (LED) | Collinsville | Madison |
| CA | 05300 | Y | Collinsville Beltline & Greenfield Dr. (LED) | Collinsville | Madison |
| CA | 05310 | Y | Horseshoe Lake Rd. & Arlington Dr. (LED) | Pontoon Beach | Madison |
| SA | 05320 | Y | Lebanon Ave. & West Blvd. (RR) (LED) | Belleville | St. Clair |
| SA | 05330 | Y | Lebanon Ave. & Old Collinsville Rd. (LED) | Belleville | St. Clair |
| SA | 05332 | Y | Lebanon Ave. & Southwind Dr. (LED) | Belleville- (NW of) | St. Clair |
| SA | 05335 | Y | Lebanon Ave. & Hartman Ln. (LED) | Shiloh | St. Clair |
| SA | 05337 | Y | Lebanon Ave. & Sierra / Warrior Way (LED) | Shiloh | St. Clair |
| SA | 05338 | Y | Lebanon Ave. & N. Green Mount Rd. (LED) | Shiloh | St. Clair |
| SA | 05340 | Y | Lincoln Tr. & Potomac Dr./N. Point Dr.(LED) | Fairview Hts. | St. Clair |
| SA | 05360 | Y | Lincoln Tr. & Union Hill Rd./Mark Dr.(LED) | Fairview Hts. | St. Clair |
| SA | 05380 | Y | Lincoln Tr. & Ruby Ln.(LED) | Fairview Hts. | St. Clair |
| SA | 05400 | Y | Lincoln Tr. & Commerce Ln.(LED) | Fairview Hts. | St. Clair |
| SA | 05420 | Y | Lincoln Hwy & St. Clair Sq., W. Ent.(LED) | Fairview Hts. | St. Clair |
| SA | 05440 | Y | Lincoln Hwy & St. Clair Sq./Frey Ln.(LED) | Fairview Hts. | St. Clair |
| SA | 05460 | Y | Lincoln Hwy & St. Clair Sq., E. Ent.(LED) | Fairview Hts. | St. Clair |
| SA | 05470 | Y | Lincoln Hwy. & Lexington / Aubuchon (LED) | Fairview Hts. | St. Clair |
| SA | 05480 | Y | Lincoln Hwy & Old Collinsville Rd. (LED) | O'Fallon & Fairview Hgts | St. Clair |

VARIOUS ROUTES
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VARIOUS COUNTIES
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| Traffic Signals | | | | | |
|-----------------|----------------|-----|---|----------------------|-----------|
| District | Intersection # | LED | Intersection ID | Area | County |
| CA | 05500 | Y | Main St. & Seminary St. (LED) | Collinsville | Madison |
| CA | 05520 | Y | Main St. & St.Louis Ave. (LED) | Collinsville | Madison |
| SA | 05540 | Y | N. Belt W. & W. Main St. (LED) | Belleville | St. Clair |
| SA | 05560 | Y | N. Belt W. & Royal Hts. Rd./37th St. (LED) | Belleville | St. Clair |
| SA | 05580 | Y | N. Belt W. & Buckingham/Canterbury Dr. (LED) | Belleville | St. Clair |
| SA | 05590 | Y | N. Main St. & E. Carondelet Rd./Dyroff St. (RR) (LED) | Dupo | St. Clair |
| CA | 05595 | Y | Pontoon Rd. & Missouri Ave. (RR) (LED) | Granite City | Madison |
| CA | 05600 | Y | Pontoon Rd. & Maryville Rd. (LED) | Granite City | Madison |
| SA | 05620 | Y | St. Clair Ave. & Bunkum Rd.(LED) | Fairview Hts. | St. Clair |
| SA | 05700 | Y | State St. & I-255, E. Jct.(LED) | E. St. Louis | St. Clair |
| SA | 05720 | Y | State St. & I-255, W. Jct.(LED) | E. St. Louis | St. Clair |
| SA | 05730 | Y | West Blvd. & Old Collinsville Rd./Mallard Dr. (LED) | Belleville | St. Clair |
| CA | 05740 | N | I-64 (EB) Weigh Station | O'Fallon- (South of) | St. Clair |
| CA | 05760 | N | I-55/70 (WB) Weigh Station | Maryville | Madison |
| CA | 06000 | Y | US 51 (Poplar) & IL 161 (McCord) | Centralia | Marion |
| CA | 06001 | Y | US 51 (Poplar) & IL 161 (Noleman) | Centralia | Marion |
| CA | 06002 | Y | US 51 (Poplar) & Broadway | Centralia | Marion |
| CA | 06003 | Y | US 51 (Poplar) & Second | Centralia | Marion |
| CA | 06004 | Y | US 51 (Poplar) & Calumet | Centralia | Marion |
| CA | 06005 | Y | US 51 (Elm) & IL 161 (McCord) | Centralia | Marion |
| CA | 06006 | Y | US 51 (Elm) & IL 161 (Noleman) | Centralia | Marion |
| CA | 06007 | Y | US 51 (Elm) & Broadway | Centralia | Marion |
| CA | 06008 | Y | US 51 (Elm) & Second | Centralia | Marion |
| CA | 06009 | Y | US 51 (Elm) & Calumet | Centralia | Marion |
| CA | 06010 | Y | IL 161 (Noleman) & Walnut | Centralia | Marion |
| CA | 06011 | Y | IL 161 (Noleman) & Locust | Centralia | Marion |
| CA | 06012 | Y | IL 161 (Noleman) & Lincoln | Centralia | Marion |
| CA | 06013 | Y | IL 161 (McCord) & Lincoln | Centralia | Marion |
| CA | 06014 | Y | IL 161 (McCord) & Pleasant | Centralia | Marion |
| CA | 06015 | Y | IL 161 (McCord) & Airport Road | Centralia | Marion |
| CA | 06016 | Y | IL 161 (McCord) & Broadway | Centralia | Clinton |
| CA | 06017 | Y | IL 161 (McCord) & Brooks | Centralia | Clinton |
| SA | 09999 | N | IDOT 8 TM Building | Fairview Heights | St. Clair |

HIGHWAY LIGHTING LOCATIONS

| Highway Lighting | | |
|------------------|------|---|
| Sheet# | Area | Location |
| 000 | SA | Poplar Street Bridge (Mo. Highway Dept. Maint.) |
| 001 | SA | Poplar Street Bridge |
| 002 | SA | I-55/70 Mainline, C-D, IL 3 Ramps |
| 003 | SA | IL 3 Ramps |
| 004 | SA | I-55/70 Mainline, C-D, Tudor/Piggott Ramps |
| 005 | SA | Tudor/Piggott Ramps |
| 006 | SA | I-55, 70 Mainline, C-D, Main St. & 4th St. Ramps |
| 007 | | |
| 008 | | |
| 009 | CA | McKinley Bridge Lighting - Mo Side (ALL LED) |
| 009A | CA | McKinley Bridge - Missouri Side |
| 009B | CA | McKinley Bridge - Missouri Side |
| 009C | CA | McKinley Bridge - Missouri Side |
| 009D | CA | McKinley Bridge - on bridge |
| 009E | CA | McKinley Bridge - on bridge |
| 009F | CA | McKinley Bridge - IL side |
| 009G | CA | McKinley Bridge - IL side (Venice) |
| 009H | CA | McKinley Bridge - IL side (Venice) |
| 010 | SA | Martin Luther King Bridge |
| 010A | SA | Martin Luther King Bridge |
| 010B | SA | Martin Luther King Bridge |
| 010C | SA | Martin Luther King Bridge |
| 011 | SA | I-55/70 Broadway to I-64 |
| 012 | SA | I-55/70 Broadway to I-64 |
| 013 | SA | I-55/70 Broadway to I-64 |
| 014 | SA | I-55/70 Broadway to I-64 |
| 015 | SA | I-55/70 & I-64/ St. Clair Ave. |
| 015A | CA | I-55/70 Mainline & Exchange Ave Overpass |
| 016 | CA | I-55/70 Mainline & Exchange Ave/B&O Overpass |
| 016A | CA | I-55/70 Mainline & Exchange Ave/B&O Overpass |
| 017 | CA | I-55/70 & IL 203 |
| 017A | CA | I-55/70 & IL 203 |
| 018 | CA | I-55/70 & IL 111 & Collinsville Rd., E. & W.Jct. |
| 020 | CA | Relocated IL 3 at Relocated I-70 Interchange (exit 2) |
| 020A | CA | Relocated IL 3 at Relocated I-70 Interchange (exit 2) |
| 020B | CA | Relocated I-70 between 1st & 2nd St (mp 2.4) |

| Highway Lighting | | |
|------------------|------|--|
| Sheet# | Area | Location |
| 020C | CA | Relocated I-70 & ramps to 55/70/64 |
| 021 | CA | I-55/70 WB Weigh Stations |
| 022 | CA | I-55/70 & IL 157 |
| 023 | CA | I-55/70 & IL 159 |
| 024 | CA | I-55/70 & U.S. 40 (Formosa Jct.) |
| 025 | CA | I-55/70 & IL 162 (main part of intersection) |
| 025A | CA | I-55/70 & IL 162 (on E side of IL 162) |
| 025B | CA | I-55/70 & IL 162 (pn W side of IL 162) |
| 025C | CA | I-55/70 & IL 162 (NB Mainline to ramp) |
| 025D | CA | I-55/70 & IL 162 (NB Mainline to ramp) |
| 025E | CA | I-55/70 & IL 162 (SB Mainline to ramp) |
| 025F | CA | I-55/70 & IL 162 (SB Mainline to ramp) |
| 026 | NA | I-55, I-70 & I-270 (3-I) |
| 027 | NA | I-55 & IL 143 |
| 027A | NA | Homestead Rest Area (NB) |
| 027B | NA | Homestead Rest Area (SB) |
| 028 | NA | I-55 & IL 140 |
| 029 | NA | I-55 & IL 4 |
| 030 | NA | I-55 & CH 3A (Livingston) |
| 031 | NA | I-270 & IL 3 |
| 032 | NA | I-270 & IL 203 |
| 033 | NA | I-270 & IL 111 Lighting |
| 033A | NA | I-270 & IL 111 |
| 034 | NA | I-270 & IL 157 |
| 034A | NA | I-270 & IL 157 - N. & S. of Interchange |
| 034B | NA | I-270 & IL 157 -E.of Interchange |
| 035 | NA | I-270 & IL 159 |
| 036 | NA | I-70 & IL 4 |
| 037 | NA | I-70 & IL 143 |
| 038 | NA | I-70 & Silver Lake Rest Area (WB) |
| 038A | NA | I-70 & Silver Lake Rest Area (WB) |
| 038B | NA | I-70 & Silver Lake Rest Area (EB) |
| 039 | NA | I-70 & US 40(Pierron) |
| 040 | NA | I-70 & CH 9 (Pocahontas) |
| 041 | NA | I-70 & CH 5A (SW of Greenville) |
| 042 | NA | I-70 & IL 127 (Greenville) |
| 043 | NA | I-70 & CH 10 (Mulberry Grove) |

| Highway Lighting | | |
|------------------|------|---|
| Sheet# | Area | Location |
| 044 | SA | I-64 & St. Clair Ave. (E.St.L) |
| 044A | SA | I-64 & St. Clair Ave Tower Lights |
| 045 | SA | I-64 & 15th ST. Ramps (E.St.L) |
| 045A | SA | I-64 & 15th St Ramps Tower Lights |
| 046 | SA | I-64 & 16th St. Ramp (E.St.L) |
| 046A | SA | I-64 & 16th St Ramps Tower Lights |
| 047 | SA | I-64 & Baugh Ave. Ramp (E.St.L) |
| 048 | SA | I-64 & 25th St. Ramps (E.St.L) |
| 048A | SA | I-64 & 25th St. Ramps (E.St.L) |
| 048B | SA | I-64 & 25TH ST. RAMPS |
| 049 | SA | I-64 & Mainline between 25th St. & IL 111 |
| 050 | SA | I-64 & IL 111 & Bunkum Rd. (Washington Park) |
| 052 | CA | I-64 & IL 157 (Caseyville) |
| 053 | CA | I-64 & IL 159 (Fairview Hgts) |
| 053A | CA | I-64 & IL 159 |
| 054 | CA | I-64 & Lincoln Hwy (O'Fallon) North |
| 054A | CA | I-64 & Lincoln Hwy (O'Fallon) South |
| 055 | CA | I-64 & Weigh Station (E.B) |
| 056 | CA | I-64 & IL 158 (N.1/2) |
| 056A | CA | I-64 & IL 158 (S.1/2) |
| 057 | CA | I-64 & IL 4 |
| 058 | CA | I-64 & Gateway Rest Area W.B. |
| 058A | CA | I-64 & Gateway Rest Area W.B. |
| 058B | CA | I-64 & Gateway Rest Area E.B. |
| 058C | CA | I-64 & Gateway Rest Area E.B. |
| 059 | CA | I-64 & IL 161 |
| 060 | CA | I-64 & CH 23 (Damiansville) |
| 061 | CA | I-64 & IL 177 (Okawville) |
| 062 | CA | I-64 & IL 127 (Nashville) |
| 063 | CA | I-64 & US 51 (Ashley/Centralia) |
| 064 | CA | I-64 & Green Mount Road |
| 065 | CA | I-64 & Reider Rd, ramps A/B - N jct., ramps C/D - S. jct. |
| 097 | NA | I-270, Mississippi River Bridge to IL 3, Mainline (index) |
| 097A | NA | I-270, Mississippi River Bridge to IL 3, Mainline (Nav too) |
| 097B | NA | I-270, MRB to IL 3 Mainline |
| 097C | NA | I-270, MRB to IL 3 Mainline |
| 097D | NA | I-270 over Canal Bridge |

| Highway Lighting | | |
|------------------|------|--|
| Sheet# | Area | Location |
| 097E | NA | I-270 Mainline to IL 3 |
| 097F | NA | I-270 Mainline to IL 3 (west part) |
| 097G | NA | I-270 & IL 3 south part |
| 097H | NA | I-270 & IL 3 north part |
| 097I | NA | I-270 & IL 3 north part |
| 100 | SA | IL 3 & IL 158 |
| 101 | SA | IL 3 & Stolle Rd. (N. Dupo) |
| 102 | CA | IL 3 & Pontoon Rd. |
| 103 | NA | IL 3 & IL 143 |
| 104 | SA | IL 4 & IL 13 (S.Jct.)(Tilden) |
| 104A | SA | IL 4 & IL 13 (Marissa) |
| 105 | SA | IL 161 & 6th St. |
| 106 | SA | IL 4 & IL 161 |
| 107 | CA | Collinsville Rd. & Black Lane |
| 108 | | |
| 109 | CA | IL 111 & Horseshoe Lake Rd. |
| 110 | NA | IL 111 & IL 140, (E Jct.) |
| 112 | NA | IL 111, 140 & Powder Mill Road |
| 113 | CA | IL 157 & Bunkum Rd. (Caseyville) (LED) |
| 114 | | |
| 116 | SA | IL 158 & IL 177 |
| 117 | SA | IL 158 & Seibert Rd. |
| 118 | SA | IL 158 & Wherry Rd. (Future) |
| 119 | SA | IL 161 & Green Mount Rd. (Future) |
| 120 | SA | IL 177 & Green Mount Rd. (Future) |
| 121 | SA | IL 15 & IL 157 |
| 121A | SA | IL 15 & IL 157 |
| 122 | SA | IL 15 & Shrine Entrance |
| 123 | SA | IL 15 & IL 13 |
| 123A | SA | IL 15 & IL 13 Ramps |
| 124 | SA | IL 15 & IL 159 |
| 125 | SA | IL 15 & U.S. 51, W Jct. |
| 126 | SA | IL 15 & U.S. 51, E Jct. |
| 127 | SA | 79th St. & St. Clair Ave. |
| 128 | SA | IL 157 & St. Clair Ave. (Fairview Hgts) (LED) |
| 130 | | |
| 131 | SA | IL 161 & N. Belt West & W. of Morgan St.(Sign Trusses) |

| Highway Lighting | | |
|------------------|------|---|
| Sheet# | Area | Location |
| 132 | NA | US 67 & Godfrey Rd.(sign truss) |
| 133 | CA | IL 203 & Maryville Rd.(sign trusses) |
| 135 | NA | Brussels Ferry Loop (also sheet F101) |
| 135A | NA | Brussels Ferry Ramp (also sheet F101) |
| 136 | NA | IL 100 - Joe Page Bridge (Hardin) (LED) |
| 138 | CA | IL 157 & St. Louis Rd.& Collinsville Rd |
| 139 | SA | IL 15 & 74th St. |
| 140 | CA | IL 162 & Horseshoe Lake Rd/Mockingbird Ln (CH 35) |
| 141A | SA | IL 15 & IL 158 Roundabouts |
| 141B | SA | IL 15 & IL 158 Roundabouts |
| 141C | SA | IL 15 & IL 158 Roundabouts |
| 142 | SA | IL 15 & Pocket Rd/Lakewood Pl |
| 143 | SA | IL 3 & Palmer Rd. (Columbia) |
| 144 | SA | IL 3 & N. Main St. (Columbia) |
| 145 | NA | IL 140 & IL 159 (LED) |
| 146 | SA | Jefferson Barracks Bridge (Mo. Hwy. Dept. Maint) |
| 147 | NA | Clark Bridge - ALL LED |
| 147A | NA | Clark Bridge |
| 147B | NA | Clark Bridge |
| 147C | NA | Clark Bridge |
| 147D | NA | Clark Bridge |
| 147E | NA | Clark Bridge |
| 148 | NA | Clark Bridge Sign Trusses (not LED) |
| 149 | CA | IL 3 & Broadway Sign Truss (Venice) |
| 150 | NA | IL 3 & Broadway Sign Trusses (Alton) |
| 201 | SA | I-255 & IL 3 East From J.B.Bridge |
| 202 | SA | I-255 & IL 3 Interchange @ Columbia |
| 203 | SA | I-255 & Old IL 3 (Columbia) |
| 204 | SA | I-255 & IL 3, S.E. Dupo (FA 410) |
| 205 | SA | I-255 & IL 3, N.E. Dupo (S.1/2) |
| 206 | SA | I-255 & IL 3, N.E. Dupo (N.1/2) |
| 207 | SA | I-255 Mainline - Dupo to Cahokia |
| 208 | SA | I-255 Mainline -Cahokia To Alorton |
| 209 | SA | I-255 & IL 157 (Cahokia) |
| 210 | SA | I-255 & IL 15 (On IL 15) |
| 211 | SA | I-255 & IL 15 Interchange |
| 212 | SA | I-255 Mainline (IL 15 to State St.) |

| Highway Lighting | | |
|------------------|------|--|
| Sheet# | Area | Location |
| 213 | SA | I-255 & State St. (E.St.L) |
| 214 | SA | I-255 & I-64 (State St. to I-64) |
| 215 | SA | I-255 & I-64 (SW 1/4) |
| 216 | SA | I-255 & I-64 (NE 1/4) |
| 217 | SA | I-255 & I-64 (SE 1/4) |
| 218 | SA | I-255 & I-64 (NW 1/4) |
| 219 | SA | I-255 & I-64 Mainline, E & W of I-255 |
| 220 | CA | I-255 & Mainline (I-64 to Forrest Blvd.) |
| 221 | CA | I-255 & Mainline (Forrest Blvd to Collinsville Rd) |
| 222 | CA | I-255 & Collinsville Rd. (Collinsville) |
| 223 | CA | I-255 & Mainline (Collinsville Rd to I-55/70) |
| 224 | CA | I-255 & I-55/70 |
| 225 | CA | I-55/70 & Black Lane |
| 226 | CA | I-255 & I-55/70 (West 1/2) |
| 227 | CA | I-255 & I-55/70 (East 1/2) |
| 228 | CA | I-55/70 & I 255 Interchange |
| 229 | CA | I-255 & I-55/70 Underpass Ltg. |
| 230 | CA | I-255 Mainline - N. of I-55/70 |
| 231 | CA | I-255 & Horseshoe Lake Road |
| 232 | CA | I-255 Mainline - N of Horseshoe Lake Rd. |
| 233 | CA | I-255 Mainline-So.of IL.162 |
| 234 | CA | I-255 & IL 162 |
| 234A | CA | I-255 & IL 162 |
| 235 | NA | I-255 Mainline N. of IL 162 |
| 236 | NA | I-255 & I-270 SE & SW Quads |
| 237 | NA | I-255 & I-270 NE & NW Quads |
| 238 | NA | I-255 & I-270 NW & SW Ramps & M.L. I-270 |
| 239 | SA | I-255 & Bond Avenue (Under Bridge) |
| 240 | SA | I-255 & Mousette Lane |
| 241 | NA | IL 255 & I-270 [INDEX] |
| 241A | NA | I-255 & I-270 |
| 241B | NA | I-255 & I-270 |
| 241C | NA | I-255 & I-270 |
| 241D | NA | I-255 & I-270 |
| 241E | NA | I-255 & I-270 |
| 241F | NA | I-255 & I-270 |
| 241G | NA | I-255 & I-270 |

| Highway Lighting | | |
|------------------|------|---|
| Sheet# | Area | Location |
| 241H | NA | I-255 & I-270 |
| 241I | NA | I-255 & I-270 |
| 241J | NA | I-255 & I-270 |
| 241K | NA | I-255 & I-270 |
| 241L | NA | I-255 & I-270 |
| 241M | NA | I-255 & I-270 (2 SHEETS) |
| 241N | NA | I-255 & I-270 |
| 241O | NA | I-255 & I-270 |
| 241P | NA | I-255 & I-270 |
| 241Q | NA | I-255 & I-270 |
| 242 | NA | IL 255 & New Poag Rd. [INDEX] |
| 242A | NA | IL 255 & New Poag Rd. |
| 242B | NA | IL 255 & New Poag Rd. |
| 242C | NA | IL 255 & New Poag Rd. |
| 242D | NA | IL 255 & Gateway Commerce Center |
| 242E | NA | IL 255 & Gateway Commerce Center |
| 243 | NA | IL 255 & Madison Ave. [INDEX] |
| 243A | NA | IL 255 & Madison Ave. |
| 243B | NA | IL 255 & Madison Ave. |
| 243C | NA | IL 255 & Madison Ave. |
| 244 | NA | IL 255 & IL 143 [INDEX] |
| 244A | NA | IL 255 & IL 143 |
| 244B | NA | IL 255 & IL 143 |
| 244C | NA | IL 255 & IL 143 |
| 244D | NA | IL 255 & IL 143 |
| 244E | NA | IL 255 & IL 143 |
| 245 | NA | IL 255 & I-270 & IL 157 [INDEX] |
| 245A | NA | IL 255 & I-270 & IL 157 |
| 245B | NA | IL 255 & I-270 & IL 157 |
| 245C | NA | IL 255 & I-270 & IL 157 |
| 245D | NA | IL 255 & I-270 & IL 157 |
| 245E | NA | IL 255 & I-270 & IL 157 |
| 300 | CA | US 50 & I-57 - Salem |
| 301 | CA | US 50 & Baldrige Road - Salem |
| 302 | CA | US 50 & Hotze Road - Salem |
| 303 | CA | US 50 & Iuka Rd. / Omega Rd., North of Iuka |
| 305 | CA | I-57 & Exit 127 South of Kinmundy |

| Highway Lighting | | |
|-------------------------|-------------|---|
| Sheet# | Area | Location |
| 310 | CA | Post Oak Rest Area NB I-57 - Salem |
| 311 | CA | Post Oak Rest Area SB I-57 - Salem |
| 350 | CA | US 51 & Walnut Road, Centralia |
| 352 | CA | US 51 & Greenview Road, Wamac |
| F100 | NA | Kampsville Ferry Lighting |
| F101 | NA | Brussels Ferry Lighting |
| M1000 | SA | Belleville Yard Lighting |
| M111 | CA | Carlyle Yard Lighting |
| M161 | CA | IL 161 & I-57 - East of Centralia |
| M222 | CA | Salem Yard Lighting |
| M333 | SA | Nashville Yard Lighting |
| M350 | NA | Highland Yard lighting |
| M390 | NA | Pierron Yard Lighting |
| M444 | CA | Scott Dome Lighting |
| M500 | NA | Mitchell Yard Lighting |
| M520 | NA | Greenville Yard Lighting |
| M550 | NA | Wood River Yard Lighting |
| M555 | NA | Hamel Yard Lighting |
| M600 | NA | Godfrey Yard Lighting |
| M777 | CA | West Noleman Street Underpass - Centralia |
| M778 | CA | West McCord Street Overpass - Centralia |
| M888 | CA | Troy Yard Lighting |
| M900 | SA | Columbia Yard Lighting |
| M950 | SA | Hecker Yard Lighting |
| M999 | SA | Bowman Yard Lighting |

STATUS OF UTILITIES TO BE ADJUSTED

NO UTILITIES TO BE ADJUSTED

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

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

ACCESSIBLE PEDESTRIAN SIGNALS (APS) (BDE)

Effective: April 1, 2003

Revised: January 1, 2022

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

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

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

Audible Indications. A pushbutton locator tone shall sound at each pushbutton and shall be deactivated during the associated walk indication and when associated traffic signals are in flashing mode. Pushbutton locator tones shall have a duration of 0.15 seconds or less and shall repeat at 1-second intervals. Each actuation of the pushbutton shall be accompanied by the speech message "Wait".

If two accessible pedestrian pushbuttons are placed less than 10 ft (3 m) apart or placed on the same pole, the audible walk indication shall be a speech walk message. This message shall sound throughout the WALK interval only. The verbal message shall be modeled after: "Street Name. Walk Sign is on to cross "Street Name." For signalized intersections utilizing exclusive pedestrian phasing, the verbal message shall be "Walk sign is on for all crossings". In addition, a speech pushbutton information message shall be provided by actuating the APS pushbutton when the WALK interval is not timing. This verbal message shall be modeled after: "Wait. Wait to cross 'Street Name' at 'Street Name'".

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

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

At locations with railroad interconnection, an additional speech message stating "Walk time shortened when train approaches" shall be used after the speech walk message. At locations with emergency vehicle preemption, an additional speech message "Walk time shortened when emergency vehicle approaches" shall be used after the speech walk message.

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

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

Signage. A sign shall be located immediately above the pedestrian pushbutton and parallel to the crosswalk controlled by the pushbutton. The sign shall conform to one of the following standard MUTCD designs: R10-3, R10-3a, R10-3e, R10-3i, R10-4, and R10-4a.

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

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

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

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

COMPENSABLE DELAY COSTS (BDE)

Effective: June 2, 2017

Revised: April 1, 2019

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Add the following to Section 109 of the Standard Specifications.

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

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

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

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

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

(2) Home Office and Unabsorbed Overhead. Payment for home office and unabsorbed overhead will be calculated as 8 percent of the total delay cost.

(c) Extended Traffic Control. Traffic control required for an extended period of time due to the delay will be paid for according to Article 109.04.

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

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

CONSTRUCTION AIR QUALITY – DIESEL RETROFIT (BDE)

Effective: June 1, 2010

Revised: November 1, 2014

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

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

VARIOUS ROUTES
SECTION DIST 8 LTS 2023-2
VARIOUS COUNTIES
CONTRACT NO. 76R88

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

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

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

- a) Included on the U.S. Environmental Protection Agency (USEPA) *Verified Retrofit Technology List* (<http://www.epa.gov/cleandiesel/verification/verif-list.htm>), or verified by the California Air Resources Board (CARB) (<http://www.arb.ca.gov/diesel/verdev/vt/cvt.htm>); or
- b) Retrofitted with a non-verified diesel retrofit emission control device if verified retrofit emission control devices are not available for equipment proposed to be used on the project, and if the Contractor has obtained a performance certification from the retrofit device manufacturer that the emission control device provides a minimum PM emission reduction of 50 percent.

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

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

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

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

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

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

Diesel Retrofit Deficiency Deduction

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

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

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

DISADVANTAGED BUSINESS ENTERPRISE PARTICIPATION (BDE)

Effective: September 1, 2000

Revised: March 2, 2019

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 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 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, 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 enough DBE participation has been obtained to meet the goal or,
- (b) The bidder documents 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 a material bidding requirement and failure of the bidder to comply will render the bid not responsive.

The bidder shall submit a DBE Utilization Plan (form SBE 2026), and a DBE Participation Statement (form SBE 2025) for each DBE company proposed for the performance of work to achieve the contract goal, with the bid. If the Utilization Plan indicates the contract goal will not be met, documentation of good faith efforts shall also be submitted. 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. The required forms and documentation must be submitted as a single .pdf file using the "Integrated Contractor Exchange (iCX)" application within the Department's "EBids System".

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

GOOD FAITH EFFORT PROCEDURES. The contract will not be awarded until the Utilization Plan is approved. All information submitted by the bidder must be complete, accurate and adequately document enough DBE participation has been obtained or document the 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. This means 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 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 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 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 the 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 it is otherwise eligible for award. If the Department determines 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 will also include a statement of reasons for the adverse 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 to cure the deficiency.
- (c) The bidder may request administrative reconsideration of an adverse determination by emailing the Department at "DOT.DBE.UP@illinois.gov" within the five calendar days after the receipt of the notification of the determination. The determination shall become final if a request is not made on or before the fifth calendar day. 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 reviewed by the Department's Reconsideration Officer. The Reconsideration Officer will extend an opportunity to the bidder to meet in person 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 reconsideration, 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 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 emailed to the Department at DOT.DBEP@illinois.gov.

- (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, a new Request for Approval of Subcontractor will not be required. However, the Contractor must document efforts to assure 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 copies of DBE subcontracts to the Department upon request. Subcontractors shall ensure that all lower tier subcontracts or agreements with DBEs to supply labor or materials be performed in accordance with this Special Provision.
- (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) 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) The DBE is aware 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) 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 Contractor;
- (3) The listed DBE subcontractor fails or refuses to meet the 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) The Contractor has determined the listed DBE subcontractor is not a responsible contractor;
- (7) The listed DBE subcontractor voluntarily withdraws from the projects and provides written notice to the Contractor 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 Contractor seeks to terminate a DBE it relied upon to obtain the contract so that the Contractor can self-perform the work for which the DBE contractor was engaged or so that the 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 will provide a written determination to the Contractor stating whether or not good faith efforts have been demonstrated.
- (f) FINAL PAYMENT. 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 30 calendar days after payment has been made by the Department to the Contractor for such work or material, the Contractor shall submit a DBE Payment Agreement 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 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.

ILLINOIS WORKS APPRENTICESHIP INITIATIVE – STATE FUNDED CONTRACTS (BDE)

Effective: June 2, 2021
Revised: September 2, 2021

Illinois Works Jobs Program Act (30 ILCS 559/20-1 et seq.). For contracts having an awarded contract value of \$500,000 or more, the Contractor shall comply with the Illinois Works Apprenticeship Initiative (30 ILCS 559/20-20 to 20-25) and all applicable administrative rules. The goal of the Illinois Apprenticeship Works Initiative is that apprentices will perform either 10% of the total labor hours actually worked in each prevailing wage classification or 10% of the estimated labor hours in each prevailing wage classification, whichever is less. The Contractor may seek from the Department of Commerce and Economic Opportunity (DCEO) a waiver or reduction of this goal in certain circumstances pursuant to 30 ILCS 559/20-20(b). The Contractor shall ensure compliance during the term of the contract and will be required to report on and certify its compliance. An apprentice use plan, apprentice hours, and a compliance certification shall be submitted to the Engineer on forms provided by the Department and/or DCEO.

SPEED DISPLAY TRAILER (BDE)

Effective: April 2, 2014

Revised: January 1, 2022

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

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

Add the following to Article 701.15 of the Standard Specifications:

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

Add the following to Article 701.20 of the Standard Specifications:

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

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

Add the following to Article 1106.02 of the Standard Specifications:

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

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

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

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

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

SUBCONTRACTOR AND DBE PAYMENT REPORTING (BDE)

Effective: April 2, 2018

Add the following to Section 109 of the Standard Specifications.

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

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

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

SUBCONTRACTOR MOBILIZATION PAYMENTS (BDE)

Effective: November 2, 2017

Revised: April 1, 2019

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

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

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

SUBMISSION OF PAYROLL RECORDS (BDE)

Effective: April 1, 2021

Revised: November 1, 2022

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

“STATEMENTS AND PAYROLLS

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

The Contractor and each subcontractor shall certify and submit payroll records to the Department each week from the start to the completion of their respective work, except that full

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

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

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

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

TRAFFIC SPOTTERS (BDE)

Effective: January 1, 2019

Revise Article 701.13 of the Standard Specifications to read:

"701.13 Flaggers and Spotters. Flaggers shall be certified by an agency approved by the Department. While on the job site, each flagger shall have in his/her possession a current driver's license and a current flagger certification I.D. card. For non-drivers, the Illinois Identification Card issued by the Secretary of State will meet the requirement for a current driver's license. This certification requirement may be waived by the Engineer for emergency situations that arise due to actions beyond the Contractor's control where flagging is needed to maintain safe traffic control on a temporary basis. Spotters are defined as certified flaggers that provide support to workers by monitoring traffic.

Flaggers and spotters shall be stationed to the satisfaction of the Engineer and be equipped with a fluorescent orange, fluorescent yellow/green, or a combination of fluorescent orange and fluorescent yellow/green vest meeting the requirements of ANSI/ISEA 107-2004 or ANSI/ISEA 107-2010 for Conspicuity Class 2 garments. Flaggers shall be equipped with a stop/slow traffic

control sign. Spotters shall be equipped with a loud warning device. The warning sound shall be identifiable by workers so they can take evasive action when necessary. Other types of garments may be substituted for the vest as long as the garments have a manufacturer's tag identifying them as meeting the ANSI Class 2 requirement. The longitudinal placement of the flagger may be increased up to 100 ft (30 m) from that shown on the plans to improve the visibility of the flagger. Flaggers shall not encroach on the open lane of traffic unless traffic has been stopped. Spotters shall not encroach on the open lane of traffic, nor interact with or control the flow of traffic.

For nighttime flagging, flaggers shall be illuminated by an overhead light source providing a minimum vertical illuminance of 10 fc (108 lux) measured 1 ft (300 mm) out from the flagger's chest. The bottom of any luminaire shall be a minimum of 10 ft (3 m) above the pavement. Luminaire(s) shall be shielded to minimize glare to approaching traffic and trespass light to adjoining properties. Nighttime flaggers shall be equipped with fluorescent orange or fluorescent orange and fluorescent yellow/green apparel meeting the requirements of ANSI/ISEA 107-2004 or ANSI/ISEA 107-2010 for Conspicuity Class 3 garments.

Flaggers and spotters shall be provided per the traffic control plan and as follows.

- (a) Two-Lane Highways. Two flaggers will be required for each separate operation where two-way traffic is maintained over one lane of pavement. Work operations controlled by flaggers shall be no more than 1 mile (1600 m) in length. Flaggers shall be in sight of each other or in direct communication at all times. Direct communication shall be obtained by using portable two-way radios or walkie-talkies.

The Engineer will determine when a side road or entrance shall be closed to traffic. A flagger will be required at each side road or entrance remaining open to traffic within the operation where two-way traffic is maintained on one lane of pavement. The flagger shall be positioned as shown on the plans or as directed by the Engineer.

- (b) Multi-Lane Highways. At all times where traffic is restricted to less than the normal number of lanes on a multilane pavement with a posted speed limit greater than 40 mph and the workers are present, but not separated from the traffic by physical barriers, a flagger or spotter shall be furnished as shown on the plans. Flaggers shall warn and direct traffic. Spotters shall monitor traffic conditions and warn workers of errant approaching vehicles or other hazardous conditions as they occur. One flagger will be required for each separate activity of an operation that requires frequent encroachment in a lane open to traffic. One spotter will be required for each separate activity with workers near the edge of the open lane or with their backs facing traffic.

Flaggers will not be required when no work is being performed, unless there is a lane closure on two-lane, two-way pavement.”

VEHICLE AND EQUIPMENT WARNING LIGHTS (BDE)

Effective: November 1, 2021

Revised: November 1, 2022

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

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

WEEKLY DBE TRUCKING REPORTS (BDE)

Effective: June 2, 2012

Revised: November 1, 2021

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 Sunday through Saturday for each week reportable trucking activities occur.

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

WORK ZONE TRAFFIC CONTROL DEVICES (BDE)

Effective: March 2, 2020

Add the following to Article 701.03 of the Standard Specifications:

“(q) Temporary Sign Supports 1106.02”

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

“For temporary sign supports, the Contractor shall provide a FHWA eligibility letter for each device used on the contract. The letter shall provide information for the set-up and use of the device as well as a detailed drawing of the device. The signs shall be supported within 20 degrees

of vertical. Weights used to stabilize signs shall be attached to the sign support per the manufacturer's specifications."

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

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

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

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

Category 1 includes small, lightweight, channelizing and delineating devices that have been in common use for many years and are known to be crashworthy by crash testing of similar devices or years of demonstrable safe performance. These include cones, tubular markers, plastic drums, and delineators, with no attachments (e.g. lights). Category 1 devices manufactured after December 31, 2019 shall be MASH-16 compliant. Category 1 devices manufactured on or before December 31, 2019, and compliant with NCHRP 350 or MASH 2009, may be used on contracts let before December 31, 2024.

Category 2 includes devices that are not expected to produce significant vehicular velocity change but may otherwise be hazardous. These include vertical panels with lights, barricades, temporary sign supports, and Category 1 devices with attachments (e.g. drums with lights). Category 2 devices manufactured after December 31, 2019 shall be MASH-16 compliant. Category 2 devices manufactured on or before December 31, 2019, and compliant with NCHRP 350 or MASH 2009, may be used on contracts let before December 31, 2024.

Category 3 includes devices that are expected to cause significant velocity changes or other potentially harmful reactions to impacting vehicles. These include crash cushions (impact attenuators), truck mounted attenuators, and other devices not meeting the definitions of Category 1 or 2. Category 3 devices manufactured after December 31, 2019 shall be MASH-16 compliant. Category 3 devices manufactured on or before December 31, 2019, and compliant with NCHRP 350 or MASH 2009, may be used on contracts let before December 31, 2029. Category 3 devices shall be crash tested for Test Level 3 or the test level specified.

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

For each type of device, when no more than one MASH-16 compliant is available, an NCHRP 350 or MASH-2009 compliant device may be used, even if manufactured after December 31, 2019."

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

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

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

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

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

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

REVISIONS TO THE ILLINOIS PREVAILING WAGE RATES

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

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