



Local Public Agency
Formal Contract
Proposal

PROPOSAL SUBMITTED BY		
Contractor's Name		
Street	P.O. Box	
City	State	Zip Code

STATE OF ILLINOIS

COUNTY OF Cook
City of Berwyn
 (Name of City, Village, Town or Road District)

FOR THE IMPROVEMENT OF

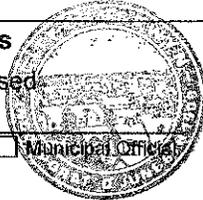
STREET NAME OR ROUTE NO. Various
 SECTION NO. 16-00000-01-GM
 TYPES OF FUNDS MFT
Traffic Signal & Street Light Maintenance

SPECIFICATIONS (required)

PLANS (required)

15232(1)

For Municipal Projects
 Submitted/Approved/Passed
 Mayor President of Board of Trustees Municipal Official
 Date 10-14-15



Department of Transportation
 Released for bid based on limited review

 Regional Engineer

 Date

For County and Road District Projects
 Submitted/Approved

 Highway Commissioner

 Date
 Submitted/Approved

 County Engineer/Superintendent of Highways

 Date



Note: All proposal documents, including Proposal Guaranty Checks or Proposal Bid Bonds, should be stapled together to prevent loss when bids are processed.

RETURN WITH BID

NOTICE TO BIDDERS

County COOK
Local Public Agency CITY OF BERWYN
Section Number 16-00000-01-GM
Route VARIOUS

Sealed proposals for the improvement described below will be received at the office of the City Clerk,
City of Berwyn, 6700 W. 26th Street, Berwyn, IL 60402 until 10:00 am on December 23, 2015

Sealed proposals will be opened and read publicly at the office of the City of Berwyn
6700 W. 26th Street, Berwyn, IL 60402 at 10:00 am on December 23, 2015

DESCRIPTION OF WORK

Name Traffic Signal & Street Light Maintenance Length: feet (miles)
Location Various locations throughout the City of Berwyn
Proposed Improvement Servicing and maintaining traffic signal installations and street lighting systems.

- 1. Plans and proposal forms will be available in the office of Thomas R. Brandstedt, P.E., Frank Novotny & Assoc., Inc., 545 Plainfield Road, Suite A, Willowbrook, IL 60527, (630) 887-8640, for a non-refundable fee of \$50.00.
2. Prequalification
3. The Awarding Authority reserves the right to waive technicalities and to reject any or all proposals as provided in BLRS Special Provision for Bidding Requirements and Conditions for Contract Proposals.
4. The following BLR Forms shall be returned by the bidder to the Awarding Authority:
a. BLR 12200: Local Public Agency Formal Contract Proposal
b. BLR 12200a Schedule of Prices
c. BLR 12230: Proposal Bid Bond (if applicable)
d. BLR 12325: Apprenticeship or Training Program Certification (do not use for federally funded projects)
e. BLR 12326: Affidavit of Illinois Business Office
5. The quantities appearing in the bid schedule are approximate and are prepared for the comparison of bids. Payment to the Contractor will be made only for the actual quantities of work performed and accepted or materials furnished according to the contract.
6. Submission of a bid shall be conclusive assurance and warranty the bidder has examined the plans and understands all requirements for the performance of work.
7. The bidder shall take no advantage of any error or omission in the proposal and advertised contract.
8. If a special envelope is supplied by the Awarding Authority, each proposal should be submitted in that envelope furnished by the Awarding Agency and the blank spaces on the envelope shall be filled in correctly to clearly indicate its contents.
9. Permission will be given to a bidder to withdraw a proposal if the bidder makes the request in writing or in person before the time for opening proposals.

RETURN WITH BID

PROPOSAL

County COOK
Local Public Agency CITY OF BERWYN
Section Number 16-00000-01-GM
Route VARIOUS

1. Proposal of
for the improvement of the above section by the construction of Servicing and maintaining traffic signal
installations and street lighting systems.

a total distance of feet, of which a distance of feet, (miles) are to be improved.

2. The plans for the proposed work are those prepared by Frank Novotny & Associates, Inc., 545 Plainfield Road, Suite A,
Willowbrook, IL 60527, (630) 887-8640

and approved by the Department of Transportation on

3. The specifications referred to herein are those prepared by the Department of Transportation and designated as
Standard Specifications for Road and Bridge Construction and the Supplemental Specifications and Recurring Special
Provisions thereto, adopted and in effect on the date of invitation for bids.

4. The undersigned agrees to accept, as part of the contract, the applicable Special Provisions indicated on the Check
Sheet for Recurring Special Provisions contained in this proposal.

5. The undersigned agrees to complete the work within working days or by
unless additional time is granted in accordance with the specifications.

6. A proposal guaranty in the proper amount, as specified in BLRS Special Provision for Bidding Requirements and
Conditions for Contract Proposals, will be required. Bid Bonds will be allowed as a proposal guaranty. Accompanying this
proposal is either a bid bond if allowed, on Department form BLR 12230 or a proposal guaranty check, complying with the
specifications, made payable to:

City Treasurer of City of Berwyn

The amount of the check is ().

7. In the event that one proposal guaranty check is intended to cover two or more proposals, the amount must be equal to
the sum of the proposal guaranties, which would be required for each individual proposal. If the proposal guaranty check
is placed in another proposal, it will be found in the proposal for: Section Number

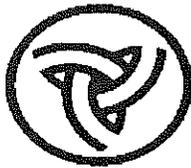
8. The successful bidder at the time of execution of the contract will be required to deposit a contract bond for the full
amount of the award. When a contract bond is not required, the proposal guaranty check will be held in lieu thereof. If this
proposal is accepted and the undersigned fails to execute a contract and contract bond as required, it is hereby agreed
that the Bid Bond or check shall be forfeited to the Awarding Authority.

9. Each pay item should have a unit price and a total price. If no total price is shown or if there is a discrepancy between the
product of the unit price multiplied by the quantity, the unit price shall govern. If a unit price is omitted, the total price will
be divided by the quantity in order to establish a unit price.

10. A bid will be declared unacceptable if neither a unit price nor a total price is shown.

11. The undersigned submits herewith the schedule of prices on BLR 12200a covering the work to be performed under this
contract.

12. The undersigned further agrees that if awarded the contract for the sections contained in the combinations on
BLR 12200a, the work shall be in accordance with the requirements of each individual proposal for the multiple bid
specified in the Schedule for Multiple Bids below.



**Illinois Department
of Transportation**

SCHEDULE OF PRICES

County Cook
 Local Public Agency Berwyn
 Section 16-00000-01-GM
 Route Various

Schedule for Multiple Bids

Combination Letter	Sections Included in Combinations	Total

Schedule for Single Bid

(For complete information covering these items, see plans and specifications)

Bidder's Proposal for making Entire Improvements

Item No.	Items	Unit	Quantity	Unit Price	Total
1	Maintenance of Traffic Control Installations (10 Installations x 12 Mos = 120 Ea/Mo)	EA/MO	120		
2	Routine Maintenance of Existing Residential St. Light Standards-HPS (1798 Stds x 12 Mo = 21576 Ea/Mo)	EA/MO	21576		
3	Routine Maintenance of Existing Residential St. Light Standards-LED (307 Stds x 12 Mo = 3684 Ea/Mo)	EA/MO	3684		
4	Routine Maintenance of Existing Arterial Street Light Standards (914 Stds x 12 Mo = 10968 Ea/Mo)	EA/MO	10968		
5	Routine Maintenance of Existing Railroad Platform Light Standards (56 Stds x 12 Mo = 672 Ea/Mo)	EA/MO	672		
6	Routine Maintenance of Existing Tunnel Light Standards (16 Stds x 12 Mo = 192 Ea/Mo)	EA/MO	192		
7	Relamp Residential Lighting Standard, 150W, HPS	EACH	534		
8	Relamp Arterial Lighting Standard, 50W, HPS	EACH	196		
9	Relamp Arterial Lighting Standard, 100W, HPS	EACH	160		
10	Relamp Arterial Lighting Standard, 150W, HPS	EACH	11		
11	Relamp Arterial Lighting Standard, 250W, HPS	EACH	8		
12	Relamp Arterial Lighting Standard, 310W, HPS	EACH	17		
13	Relamp Arterial Lighting Standard, 400W, HPS	EACH	28		
14	Relamp Arterial Lighting Standard, 400W, MV	EACH	103		
15	Electrician	HOUR	2000		
16	Service Truck	HOUR	1000		
17	Tower and Bucket Truck	HOUR	400		
18	Backhoe	HOUR	200		
19	Air Compressor	HOUR	128		
20	Traffic Control & Protection	L SUM	1		
21	Insurance Provisions - Complete	L SUM	1		

RETURN WITH BID

CONTRACTOR CERTIFICATIONS

County	<u>COOK</u>
Local Public Agency	<u>CITY OF BERWYN</u>
Section Number	<u>16-00000-01-GM</u>
Route	<u>VARIOUS</u>

The certifications hereinafter made by the bidder are each a material representation of fact upon which reliance is placed should the Department enter into the contract with the bidder.

- Debt Delinquency.** The bidder or contractor or subcontractor, respectively, certifies that it is not delinquent in the payment of any tax administered by the Department of Revenue unless the individual or other entity is contesting, in accordance with the procedures established by the appropriate revenue Act, its liability for the tax or the amount of tax. Making a false statement voids the contract and allows the Department to recover all amounts paid to the individual or entity under the contract in a civil action.
- Bid-Rigging or Bid Rotating.** The bidder or contractor or subcontractor, respectively, certifies that it is not barred from contracting with the Department by reason of a violation of either 720 ILCS 5/33E-3 or 720 ILCS 5/33E-4.

A violation of Section 33E-3 would be represented by a conviction of the crime of bid-rigging which, in addition to Class 3 felony sentencing, provides that any person convicted of this offense or any similar offense of any state or the United States which contains the same elements as this offense shall be barred for 5 years from the date of conviction from contracting with any unit of State or local government. No corporation shall be barred from contracting with any unit of State or local government as a result of a conviction under this Section of any employee or agent of such corporation if the employee so convicted is no longer employed by the corporation and: (1) it has been finally adjudicated not guilty or (2) if it demonstrates to the governmental entity with which it seeks to contract and that entity finds that the commission of the offense was neither authorized, requested, commanded, nor performed by a director, officer or a high managerial agent in behalf of the corporation.

A violation of Section 33E-4 would be represented by a conviction of the crime of bid-rotating which, in addition to Class 2 felony sentencing, provides that any person convicted of this offense or any similar offense of any state or the United States which contains the same elements as this offense shall be permanently barred from contracting with any unit of State or local government. No corporation shall be barred from contracting with any unit of State or local government as a result of a conviction under this Section of any employee or agent of such corporation if the employee so convicted is no longer employed by the corporation and: (1) it has been finally adjudicated not guilty or (2) if it demonstrates to the governmental entity with which it seeks to contract and that entity finds that the commission of the offense was neither authorized, requested, commanded, nor performed by a director, officer or a high managerial agent in behalf of the corporation.

- Bribery.** The bidder or contractor or subcontractor, respectively, certifies that it has not been convicted of bribery or attempting to bribe an officer or employee of the State of Illinois or any unit of local government, nor has the firm made an admission of guilt of such conduct which is a matter of record, nor has an official, agent, or employee of the firm committed bribery or attempted bribery on behalf of the firm and pursuant to the direction or authorization of a responsible official of the firm.
- Interim Suspension or Suspension.** The bidder or contractor or subcontractor, respectively, certifies that it is not currently under a suspension as defined in Subpart I of Title 44 Subtitle A Chapter III Part 6 of the Illinois Administrative Code. Furthermore, if suspended prior to completion of this work, the contract or contracts executed for the completion of this work may be cancelled.

RETURN WITH BID

SIGNATURES

County	<u>COOK</u>
Local Public Agency	<u>CITY OF BERWYN</u>
Section Number	<u>16-00000-01-GM</u>
Route	<u>VARIOUS</u>

(If an individual)

Signature of Bidder _____

Business Address _____

(If a partnership)

Firm Name _____

Signed By _____

Business Address _____

Inset Names and Addressed of All Partners



(If a corporation)

Corporate Name _____

Signed By _____

Business Address _____

Inset Names of Officers



President _____

Secretary _____

Treasurer _____

Attest: _____



RETURN WITH BID

Route	<u>VARIOUS</u>
County	<u>COOK</u>
Local Agency	<u>CITY OF BERWYN</u>
Section	<u>16-00000-01-GM</u>

All contractors are required to complete the following certification:

- For this contract proposal or for all groups in this deliver and install proposal.
- For the following deliver and install groups in this material proposal:

Illinois Department of Transportation policy, adopted in accordance with the provisions of the Illinois Highway Code, requires this contract to be awarded to the lowest responsive and responsible bidder. The award decision is subject to approval by the Department. In addition to all other responsibility factors, this contract or deliver and install proposal requires all bidders and all bidders' subcontractors to disclose participation in apprenticeship or training programs that are (1) approved by and registered with the United States Department of Labor's Bureau of Apprenticeship and Training, and (2) applicable to the work of the above indicated proposals or groups. Therefore, all bidders are required to complete the following certification:

- I. Except as provided in paragraph IV below, the undersigned bidder certifies that it is a participant, either as an individual or as part of a group program, in an approved apprenticeship or training program applicable to each type of work or craft that the bidder will perform with its own employees.
- II. The undersigned bidder further certifies for work to be performed by subcontract that each of its subcontractors submitted for approval either (A) is, at the time of such bid, participating in an approved, applicable apprenticeship or training program; or (B) will, prior to commencement of performance of work pursuant to this contract, establish participation in an approved apprenticeship or training program applicable to the work of the subcontract.
- III. The undersigned bidder, by inclusion in the list in the space below, certifies the official name of each program sponsor holding the Certificate of Registration for all of the types of work or crafts in which the bidder is a participant and that will be performed with the bidder's employees. Types of work or craft that will be subcontracted shall be included and listed as subcontract work. The list shall also indicate any type of work or craft job category for which there is no applicable apprenticeship or training program available.

IV. Except for any work identified above, any bidder or subcontractor that shall perform all or part of the work of the contract or deliver and install proposal solely by individual owners, partners or members and not by employees to whom the payment of prevailing rates of wages would be required, check the following box, and identify the owner/operator workforce and positions of ownership.

The requirements of this certification and disclosure are a material part of the contract, and the contractor shall require this certification provision to be included in all approved subcontracts. The bidder is responsible for making a complete report and shall make certain that each type of work or craft job category that will be utilized on the project is accounted for and listed. The Department at any time before or after award may require the production of a copy of each applicable Certificate of Registration issued by the United States Department of Labor evidencing such participation by the contractor and any or all of its subcontractors. In order to fulfill the participation requirement, it shall not be necessary that any applicable program sponsor be currently taking or that it will take applications for apprenticeship, training or employment during the performance of the work of this contract or deliver and install proposal.

Bidder: _____

By: _____

(Signature)

Address: _____

Title: _____



The following Special Provisions supplement the "Standard Specifications for the Road and Bridge Construction," adopted **January 1, 2012**, the latest edition of the "Manual on Uniform Traffic Control Devices for Streets and Highways", and the "Manual of Test Procedures of 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 Section No. 16-00000-01-GM, and in case of conflict with any part or parts of said Specifications, the said Special Provisions shall take precedence and shall govern.

Location of Project: This work shall be performed at various locations throughout the City of Berwyn.

Description of Project: Servicing and maintaining traffic signal installations and street lighting systems.

Working Days

Except for such work as may be required to properly maintain lights and barricades, no work be permitted on Sundays or legal holidays, and on weekends between 7:00 pm and 7:00 am. On Saturdays, no work shall begin before 8:00 am without specific permission of the Engineer. Exceptions will be granted for work with special needs that can be performed without adversely affecting the residents.

*** SPECIAL PROVISION ***

PUBLIC NOTIFICATION: When directed by the Owner to notify the public that certain activities included in this project may adversely affect or remove access to their property, buildings, or surroundings, the Contractor will be required to distribute "NOTICES" door to door. This may be necessary when driveway access is altered or removed, water service is to be interrupted, or when any other situation that requires the public to be notified. The Contractor shall furnish all necessary personnel to properly distribute said "NOTICES" as directed by the Owner or the Engineer in a time period 72 hours prior to start of work. All "NOTICES" shall be drafted by the Owner and/or Engineer and furnished to the Contractor for distribution. No "NOTICES" will be distributed that are not endorsed by the Owner or that are not on the Owner's letterhead. No additional compensation will be allowed for this effort.

INCIDENTAL CONSTRUCTION: Whenever the performance of work is indicated on the Plans or required in the Specifications and no provision is included in the Contract for payment, the work shall be considered incidental to the Contract and no additional compensation will be allowed. If such work is included on the Plans and not the Specifications, or vice versa, it shall be considered to be required in both and included in the work required under the Contract.

SPECIAL PROVISION

INSURANCE PROVISIONS – COMPLETE

Description: This item shall consist of the Contractor's efforts to protect the Owner, the Engineer, and any other parties listed herein, from any adverse actions that may result because of the construction activities by the Contractor or any of his Subcontractors. This shall include the Hold Harmless Provisions, as outlined below, and the necessary Insurance Provisions complete as described herein. All of the following provisions are included:

Hold Harmless Provisions

To the fullest extent permitted by law, the Contractor hereby agrees to defend, indemnify, and hold harmless the Owner, its officials, agents, employees, and volunteers, its Engineer, Frank Novotny & Associates, Inc. and its agents and employees, and the Engineer's Consultants and their respective agents and employees, herein referred to as Indemnitees, from and against any and all claims for injuries, deaths, damages, losses, patent claims, suits, liabilities, judgments, economic losses and expenses, including but not limited to, attorney's fees arising out of or resulting from the performance of work under this Contract, provided that such claim, loss, or expense is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of, tangible property (other than the work itself) including loss of use resulting therefrom, but only to the extent caused in whole or in part by negligent acts or omissions of the Contractor, a Subcontractor, anyone directly or indirectly employed by them, or anyone for whose acts they may be liable, excluding any apportionate amount of any claim, damage, loss, or expense which is caused by a party indemnified hereunder. Such obligations shall not be construed as to negate, abridge, or reduce other rights or obligations of indemnity which would otherwise exist as to a party or persons described in this paragraph. The Contractor shall, at his own expense, appear, defend, and pay all charges of attorneys and all costs and other expenses arising therefrom, or in connection therewith, and if any judgment shall be rendered against the Owner, its officials, agents, employees, or Frank Novotny & Associates, Inc. and its agents and employees, or their Subcontractors in any action, the Contractor shall at his own expense satisfy and discharge the same.

In any claims against any person or entity indemnified under this paragraph by an employee of the Contractor, a Subcontractor, anyone directly or indirectly employed by them, or anyone for whose acts they may be liable, the indemnification obligation under this paragraph shall not be limited by a limitation on the amount or type of damages, compensation, or benefits payable by or for the Contractor or a Subcontractor under worker's or workmen's compensation acts, disability benefits acts, or other employee benefit acts. Frank Novotny & Associates, Inc. is intended to be a third party beneficiary under this Contract.

The Contractor expressly understands and agrees that any performance bond or insurance policies required by this Contract, or otherwise provided by the Contractor, shall in no way limit the responsibility to indemnify, keep and save harmless and defend the Owner, its officials, agents, employees and Frank Novotny & Associates, Inc. and its agents and employees as herein provided.

Man.6 (COMPLETE)
08/2012

SPECIAL PROVISION

INSURANCE PROVISIONS – COMPLETE, Cont'd.

The Contractor further agrees, that to the extent that money is due the Contractor by virtue of this Contract, and as shall be considered necessary in the judgment of the Owner, funds may be retained by the Owner to protect itself and/or the Engineer against said loss until such claims, suits, or judgments shall have been settled or discharged and/or evidence to that effect shall have been furnished to the satisfaction of the Owner and the Engineer.

The Contractor and any Subcontractor engaged in the performance of any work on this project agree to assume the entire liability for all personal injury claims suffered by its own employees, including without limitation, claims asserted by persons allegedly injured on the project; waives any limitation of liability defense based upon the Worker's Compensation Act, court interpretations of said Act or otherwise; and agree to indemnify and defend the Owner and the Engineer and their agents, employees, and consultants (the "Indemnitees") from and against all such loss, expense, damage or injury, including reasonable attorneys' fees, that the Indemnitees may sustain as a result of such claims, except to the extent that Illinois law prohibits indemnity for the Indemnitees' own negligence.

Insurance

Pursuant to the Hold Harmless Provisions as outlined above, the Contractor shall secure and maintain in effect at all times, at his expense, insurance of the following kinds and limits to cover all locations of the Contractor's operations, including all his Subcontractors, in connection with work on this project. The Contractor shall furnish Certificates of Insurance to the Owner and to the Engineer **before starting construction**, or within ten (10) days after the execution of the Contract by the Owner, whichever date is reached first. **If the Contractor fails to meet this time requirement for submitting the insurance to the Owner and to the Engineer, working days shall be assessed in accordance with Article 108.04 of the Standard Specifications, regardless of the fact that the Contractor may not commence with work due to his failure or inability to provide the necessary insurance as noted herein.** All insurance shall include a non-cancellation clause provision preventing cancellation without thirty (30) days written prior notice to the Owner and to the Engineer, and shall remain in effect throughout the life of the project.

Please take note that all of the insurance noted below is required. For example, the OWNER and FRANK NOVOTNY & ASSOCIATES, INC. must be named as additional insureds on a "primary, non-contributory basis" for Part 1 noted below. Also, a separate OCP policy naming the **OWNER & FRANK NOVOTNY & ASSOCIATES, INC. as the "NAMED INSUREDS"** must also be obtained as outlined under Part 2 below, and all insurance noted under Parts 3, 4 and 5 below must be provided, unless specifically deleted for this project.

SPECIAL PROVISION

INSURANCE PROVISIONS – COMPLETE, Cont'd.

A. Minimum Limits of Insurance

Contractor and his Subcontractors shall maintain limits of no less than:

1. Contractors-

Commercial General Liability: \$1,000,000 combined single limit per occurrence for bodily injury, personal injury and property damage. The general aggregate shall be twice the required occurrence limit. Minimum General Aggregate shall be no less than \$2,000,000. The General Liability Policy shall include coverage for Contractual Liability and Broad Form Property Damage Coverage. OWNER and FRANK NOVOTNY & ASSOCIATES, INC. shall be named as Additional Insureds on a Primary Non-Contributory basis. All coverage afforded the "Additional Insureds" shall be for all ongoing and completed operations performed by the Contractor, their subcontractor(s) and/or supplier(s), and anyone directly or indirectly employed by them for all work associated with this project. The Policy will include a Per Project Aggregate Endorsement. Also, any "XCU Exclusions" shall be deleted.

The coverage to be afforded under this section is applicable to the work associated with the project, as outlined in this document, for claims arising from the negligent acts and/or omissions of the Contractor, their subcontractor(s) and/or supplier(s), and anyone directly or indirectly employed by them.

2. Owners and Engineers-

Contractors Protective Liability: An OCP Policy shall also be provided having limits of \$1,000,000 combined single limit per occurrence for bodily injury and property damage. The general aggregate shall be twice the required occurrence limit. Minimum General Aggregate shall be no less than \$2,000,000. The General Liability Policy shall include coverage for Contractual Liability. The OWNER and FRANK NOVOTNY & ASSOCIATES, INC. will be the named insureds on this OCP Policy. There will be NO deductible or self-insured retention amount due on this OCP policy.

The coverage afforded by this OCP policy shall be primary and at no time shall any endorsements, additional forms, or riders be attached that would modify or limit said coverage.

3. Automobile Liability: \$1,000,000 combined single limit per accident for bodily injury and property damage for any vehicle owned, leased, hired, or non-owned, used by the Contractor.

SPECIAL PROVISION

INSURANCE PROVISIONS – COMPLETE, Cont'd.

- 4. Workers' Compensation and Employers' Liability: Workers' Compensation limits and coverage for the specific type of work being performed as required by the Labor Code of the State of Illinois and Employers' Liability limits of \$1,000,000 per accident. The Policy will also include a Waiver of Subrogation in favor of the OWNER and FRANK NOVOTNY & ASSOCIATES, INC.

The coverage to be afforded under this section is applicable to the work associated with the project, as outlined in this document, for claims arising from the negligent acts and/or omissions of the Contractor, their subcontractor(s) and/or supplier(s), and anyone directly or indirectly employed by them.

- 5. Umbrella Liability: Umbrella Liability Policy for not less than \$2,000,000.

Insurance under Parts 6, 7 and 8 below will be required if indicated by an "X".

- 6. Installation Floater: Contractor shall maintain "All Risk" coverage for construction materials going to the job site, at temporary storage locations, and at the job site.
- 7. Builder's Risk: Shall insure against "All Risk" of physical damage for losses including but not limited to: fire, explosion, hail, lightning, vandalism, malicious mischief, wind, collapse, riot, aircraft, theft, smoke and water damage (flood and hydrostatic pressure not excluded), during the Contract time, on a completed value basis and in an amount not less than the Contract price totaled in the bid. The Policy will include "Theft of Building Materials" and "Soft Costs" coverages.
- 8. Supplemental Insurance Coverage: Should the project require "supplemental" insurance coverage as deemed necessary by the Owner and/or Engineer, it shall be provided as outlined below:

<u>Type of Insurance</u>	<u>Limit Required</u>
a. _____	\$ _____
b. _____	\$ _____
c. _____	\$ _____

Note: If "Contractor's Pollution Liability Insurance" is required as indicated above, both the OWNER and FRANK NOVOTNY & ASSOCIATES, INC. shall be named as "Additional Insureds" on a Primary Non-Contributory basis on that policy.

SPECIAL PROVISION

INSURANCE PROVISIONS – COMPLETE, Cont'd.

B. Contractor's Deductibles and Self-Insured Retentions

Any deductibles or self-insured retentions shall be the sole responsibility of the Contractor.

C. Other Insurance Provisions

The policies are to contain, or be endorsed to contain, the following provisions:

All Coverages: Each insurance policy required by this clause shall be endorsed to state that coverage shall not be suspended, voided, canceled, reduced in coverage or in limits except after thirty (30) days prior written notice has been given to the Owner and the Engineer. It shall be the Contractor's responsibility to insure that said Notice is delivered to both the Owner and the Engineer by Certified Mail, "Return Receipt Requested".

D. Acceptability of Insurers

Insurance is to be placed with insurers with an A.M. Best's rating of A-, VIII, or higher.

E. Verification of Coverage

1. Contractor's Insurance:

Contractor shall furnish the Owner and the Engineer with "**Certificates of Insurance**" evidencing coverage required by this Section. The **Certificates** for each insurance policy are to be signed by a person authorized by that insurer to bind coverage on its behalf. The **Certificates** shall be on standard forms provided by the insurance company or agent and are to be received and approved by the Owner and Engineer **before any work commences**. The Owner reserves the right to request full certified copies of the insurance policies. No manuscript policies will be allowed. (SEE SAMPLE "CERTIFICATE OF INSURANCE" ENCLOSED HEREIN.)

2. OCP Policy:

Contractor shall furnish the Owner and the Engineer with an "**Insurance Binder**" evidencing that the aforementioned coverage is bound by the Company to protect the Owner and the Engineer. This Insurance Binder shall be on the standard form provided by the insurance company or agent and is to be received and approved by the Owner and Engineer **before any work commences**.

SPECIAL PROVISION

INSURANCE PROVISIONS – COMPLETE, Cont'd.

When issued, the original OCP POLICY shall be sent directly to the office of the Engineer, Frank Novotny & Associates, Inc., 825 Midway Drive, Willowbrook, IL, 60527. No manuscript policies will be allowed.

3. It should also be noted that the Contractor is required to provide all the coverages specified herein, as well as assume the obligations of the conditions and requirements as stated herein. **The mere acceptance of the Insurance Certificates/Binder by the Owner or the Engineer shall not relieve the Contractor from any obligation for providing the protection required in these Specifications.**

F. Subcontractors

Contractor shall include all Subcontractors as insureds under its policies or shall furnish separate **Certificates** for each Subcontractor. All coverages for Subcontractors shall be subject to all of the requirements stated herein, excluding the requirement for obtaining a separate "OCP Policy" as may be stated herein.

Basis of Payment: This item shall be paid for at the Contract lump sum price for **INSURANCE PROVISIONS – COMPLETE**, which price shall be payment in full for providing all insurance as noted herein, including the cost of the OCP policy.

Payment will be made on the basis of the ratio of the total amount of work completed to date to the total value of the work required to be performed. **All insurance, including the OCP Policy, shall remain in full force and effect until the project has been accepted by the Owner, acceptance being defined elsewhere in these Specifications.**

Payment will not be made under this item if the actual OCP policy contains any riders, endorsements, or additional forms which limit or modify the coverage required herein. **Failure to procure all required insurance coverage shall be considered a breach of Contract.**



INSURANCE BINDER

Date (MM/DD/YYYY)

THIS BINDER IS A TEMPORARY INSURANCE CONTRACT, SUBJECT TO THE CONDITIONS SHOWN ON THE REVERSE SIDE OF THIS FORM.

AGENCY		COMPANY		BINDER	
Phone (A/C. No. Ext)		FAX (A/C. No. Ext)		THIS BINDER IS ISSUED TO EXTEND COVERAGE IN THE ABOVE NAMED COMPANY PER EXPIRING POLICY #	
CODE:		SUB CODE:		DESCRIPTION OF OPERATIONS/VEHICLES/PROPERTY (Including Location)	
AGENCY CUSTOMER NO.		INSURED		CITY OF BERWYN TRAFFIC SIGNAL & STREET LIGHT MAINTENANCE, BERWYN, IL FNA PROJECT NO. 15232(1)	
OWNER and FRANK NOVOTNY & ASSOCIATES, Inc.					

COVERAGES		LIMITS		
TYPE OF INSURANCE	COVERAGE/FORMS	DEDUCTIBLE	CONS %	AMOUNT
PROPERTY CAUSES OF LOSS <input type="checkbox"/> BASIC <input type="checkbox"/> BROAD <input type="checkbox"/> SPEC				
GENERAL LIABILITY COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR		EACH OCCURRENCE		\$ 1,000,000
<input checked="" type="checkbox"/> OWNERS & CONTRACTORS PROTECTIVE (OCP)	RETRO DATE FOR CLAIMS MADE	DAMAGE TO RENTED PREMISES		\$
		MED EXP (Any one person)		\$
VEHICLE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTO	RETRO DATE FOR CLAIMS MADE	PERSONAL & ADV INJURY		\$
		GENERAL AGGREGATE		\$ 2,000,000
		PROJECTS - COMP/OP AGGR		\$
		COMBINED SINGLE LIMIT		\$
		BODILY INJURY (Per person)		\$
		BODILY INJURY (Per accident)		\$
		PROPERTY DAMAGE		\$
		MEDICAL PAYMENTS		\$
		PERSONAL INJURY MOTORIST		\$
		UNINSURED MOTORIST		\$
VEHICLE PHYSICAL DAMAGE DED	<input type="checkbox"/> ALL VEHICLES <input type="checkbox"/> SCHEDULED VEHICLES	ACTUAL CASH VALUE		\$
<input type="checkbox"/> COLLISION <input type="checkbox"/> OTHER THAN COL		STATED AMOUNT		\$
GARAGE LIABILITY <input type="checkbox"/> ANY AUTO	RETRO DATE FOR CLAIMS MADE	AUTO ONLY - EA ACCIDENT		\$
		OTHER THAN AUTO ONLY		\$
		EACH ACCIDENT		\$
		AGGREGATE		\$
EXCESS LIABILITY <input type="checkbox"/> UMBRELLA FORM <input type="checkbox"/> OTHER THAN UMBRELLA FORM		EACH OCCURRENCE		\$
		AGGREGATE		\$
WORKERS COMPENSATION AND EMPLOYERS LIABILITY		SELF-INSURED RETENTION		\$
		WC STATUTORY LIMITS		\$
		E.L. EACH ACCIDENT		\$
		E.L. DISEASE - EA EMPLOYEE		\$
		E.L. DISEASE - POLICY LIMIT		\$
SPECIAL CONDITIONS/ OTHER COVERAGES		FEES		\$
		TAXES		\$
		ESTIMATED TOTAL PREMIUM		\$

NAME & ADDRESS		ADDITIONAL INSURED	
OWNER (Including its officials, employees and volunteers) and FRANK NOVOTNY & ASSOCIATES, INC. (Including its agents and employees)		MORTGAGEE LOSS PAYEE	
		LOAN #	
		AUTHORIZED REPRESENTATIVE	

Cook County Prevailing Wage for July 2015

(See explanation of column headings at bottom of wages)

Trade Name	RG	TYP	C	Base	FRMAN	M-F>8	OSA	OSH	H/W	Pensn	Vac	Trng	
ASBESTOS ABT-GEN	ALL			39.400	39.950	1.5	1.5	2.0	13.98	10.72	0.000	0.500	
ASBESTOS ABT-MEC	BLD			36.340	38.840	1.5	1.5	2.0	11.47	10.96	0.000	0.720	
BOILERMAKER	BLD			47.070	51.300	2.0	2.0	2.0	6.970	18.13	0.000	0.400	
BRICK MASON	BLD			43.780	48.160	1.5	1.5	2.0	10.05	14.43	0.000	1.030	
CARPENTER	ALL			44.350	46.350	1.5	1.5	2.0	11.79	16.39	0.000	0.630	
CEMENT MASON	ALL			43.750	45.750	2.0	1.5	2.0	13.05	14.45	0.000	0.480	
CERAMIC TILE FNSHER	BLD			36.810	0.000	1.5	1.5	2.0	10.55	9.230	0.000	0.770	
COMM. ELECT.	BLD			40.000	42.800	1.5	1.5	2.0	8.670	12.57	1.100	0.750	
ELECTRIC PWR EQMT OP	ALL			46.100	51.100	1.5	1.5	2.0	10.76	14.87	0.000	0.460	
ELECTRIC PWR GRNDMAN	ALL			37.050	52.500	1.5	2.0	2.0	8.630	12.28	0.000	0.370	
ELECTRIC PWR LINEMAN	ALL			47.500	52.500	1.5	2.0	1.5	11.06	15.75	0.000	0.480	
ELECTRICIAN	ALL			45.000	48.000	1.5	1.5	2.0	13.83	15.27	0.000	1.000	
ELEVATOR CONSTRUCTOR	BLD			50.800	57.150	2.0	2.0	2.0	13.57	14.21	4.060	0.600	
FENCE ERECTOR	ALL			37.340	39.340	1.5	1.5	2.0	13.05	12.06	0.000	0.300	
GLAZIER	BLD			40.500	42.000	1.5	2.0	2.0	13.14	16.99	0.000	0.940	
HT/FROST INSULATOR	BLD			48.450	50.950	1.5	1.5	2.0	11.47	12.16	0.000	0.720	
IRON WORKER	ALL			44.200	46.200	2.0	2.0	2.0	13.65	21.14	0.000	0.350	
LABORER	ALL			39.200	39.950	1.5	1.5	2.0	13.98	10.72	0.000	0.500	
LATHER	ALL			44.350	46.350	1.5	1.5	2.0	13.29	16.39	0.000	0.630	
MACHINIST	BLD			45.350	47.850	1.5	1.5	2.0	7.260	8.950	1.850	0.000	
MARBLE FINISHERS	ALL			32.400	34.320	1.5	1.5	2.0	10.05	13.75	0.000	0.620	
MARBLE MASON	BLD			43.030	47.330	1.5	1.5	2.0	10.05	14.10	0.000	0.780	
MATERIAL TESTER I	ALL			29.200	0.000	1.5	1.5	2.0	13.98	10.72	0.000	0.500	
MATERIALS TESTER II	ALL			34.200	0.000	1.5	1.5	2.0	13.98	10.72	0.000	0.500	
MILLWRIGHT	ALL			44.350	46.350	1.5	1.5	2.0	13.29	16.39	0.000	0.630	
OPERATING ENGINEER	BLD 1			48.100	52.100	2.0	2.0	2.0	17.55	12.65	1.900	1.250	
OPERATING ENGINEER	BLD 2			46.800	52.100	2.0	2.0	2.0	17.55	12.65	1.900	1.250	
OPERATING ENGINEER	BLD 3			44.250	52.100	2.0	2.0	2.0	17.55	12.65	1.900	1.250	
OPERATING ENGINEER	BLD 4			42.500	52.100	2.0	2.0	2.0	17.55	12.65	1.900	1.250	
OPERATING ENGINEER	BLD 5			51.850	52.100	2.0	2.0	2.0	17.55	12.65	1.900	1.250	
OPERATING ENGINEER	BLD 6			49.100	52.100	2.0	2.0	2.0	17.55	12.65	1.900	1.250	
OPERATING ENGINEER	BLD 7			51.100	52.100	2.0	2.0	2.0	17.55	12.65	1.900	1.250	
OPERATING ENGINEER	FLT 1			53.600	53.600	1.5	1.5	2.0	17.10	11.80	1.900	1.250	
OPERATING ENGINEER	FLT 2			52.100	53.600	1.5	1.5	2.0	17.10	11.05	1.900	1.250	
OPERATING ENGINEER	FLT 3			46.400	53.600	1.5	1.5	2.0	17.10	11.80	1.900	1.250	
OPERATING ENGINEER	FLT 4			38.550	53.600	1.5	1.5	2.0	17.10	11.80	1.900	1.250	
OPERATING ENGINEER	FLT 5			55.100	53.600	1.5	1.5	2.0	17.10	11.80	1.900	1.250	
OPERATING ENGINEER	FLT 6			35.000	35.000	1.5	1.5	2.0	16.60	11.05	1.900	1.250	
OPERATING ENGINEER	HWY 1			46.300	50.300	1.5	1.5	2.0	17.55	12.65	1.900	1.250	
OPERATING ENGINEER	HWY 2			45.750	50.300	1.5	1.5	2.0	17.55	12.65	1.900	1.250	
OPERATING ENGINEER	HWY 3			43.700	50.300	1.5	1.5	2.0	17.55	12.65	1.900	1.250	
OPERATING ENGINEER	HWY 4			42.300	50.300	1.5	1.5	2.0	17.55	12.65	1.900	1.250	
OPERATING ENGINEER	HWY 5			41.100	50.300	1.5	1.5	2.0	17.55	12.65	1.900	1.250	
OPERATING ENGINEER	HWY 6			49.300	50.300	1.5	1.5	2.0	17.55	12.65	1.900	1.250	
OPERATING ENGINEER	HWY 7			47.300	50.300	1.5	1.5	2.0	17.55	12.65	1.900	1.250	
ORNAMNTL IRON WORKER	ALL			45.000	47.500	2.0	2.0	2.0	13.55	17.94	0.000	0.650	
PAINTER	ALL			41.750	46.500	1.5	1.5	1.5	11.50	11.10	0.000	0.770	
PAINTER SIGNS	BLD			33.920	38.090	1.5	1.5	1.5	2.600	2.710	0.000	0.000	
PILEDRIIVER	ALL			44.350	46.350	1.5	1.5	2.0	13.29	16.39	0.000	0.630	
PIPEFITTER	BLD			46.000	49.000	1.5	1.5	2.0	9.000	15.85	0.000	1.780	
PLASTERER	BLD			43.430	46.040	1.5	1.5	2.0	13.05	14.43	0.000	1.020	
PLUMBER	BLD			46.650	48.650	1.5	1.5	2.0	13.18	11.46	0.000	0.880	
ROOFER	BLD			41.000	44.000	1.5	1.5	2.0	8.280	10.54	0.000	0.530	
SHEETMETAL WORKER	BLD			42.230	45.610	1.5	1.5	2.0	10.53	20.68	0.000	0.720	
SIGN HANGER	BLD			31.310	33.810	1.5	1.5	2.0	4.850	3.280	0.000	0.000	
SPRINKLER FITTER	BLD			49.200	51.200	1.5	1.5	2.0	11.75	9.650	0.000	0.550	
STEEL ERECTOR	ALL			42.070	44.070	2.0	2.0	2.0	13.45	19.59	0.000	0.350	
STONE MASON	BLD			43.780	48.160	1.5	1.5	2.0	10.05	14.43	0.000	1.030	
SURVEY WORKER-> NOT IN EFFECT	ALL				37.000	37.750	1.5	1.5	2.0	12.97	9.930	0.000	0.500
TERRAZZO FINISHER	BLD			38.040	0.000	1.5	1.5	2.0	10.55	11.22	0.000	0.720	
TERRAZZO MASON	BLD			41.880	44.880	1.5	1.5	2.0	10.55	12.51	0.000	0.940	
TILE MASON	BLD			43.840	47.840	1.5	1.5	2.0	10.55	11.40	0.000	0.990	
TRAFFIC SAFETY WRKR	HWY			32.750	34.350	1.5	1.5	2.0	6.550	6.450	0.000	0.500	
TRUCK DRIVER	E ALL 1			35.480	35.680	1.5	1.5	2.0	8.350	10.50	0.000	0.150	
TRUCK DRIVER	E ALL 2			34.100	34.500	1.5	1.5	2.0	8.150	8.500	0.000	0.150	
TRUCK DRIVER	E ALL 3			34.300	34.500	1.5	1.5	2.0	8.150	8.500	0.000	0.150	
TRUCK DRIVER	E ALL 4			34.500	34.500	1.5	1.5	2.0	8.150	8.500	0.000	0.150	
TRUCK DRIVER	W ALL 1			35.600	35.800	1.5	1.5	1.5	8.250	9.140	0.000	0.150	
TRUCK DRIVER	W ALL 2			32.700	33.100	1.5	1.5	2.0	6.500	4.350	0.000	0.000	
TRUCK DRIVER	W ALL 3			32.900	33.100	1.5	1.5	2.0	6.500	4.350	0.000	0.000	
TRUCK DRIVER	W ALL 4			33.100	33.100	1.5	1.5	2.0	6.500	4.350	0.000	0.000	
TUCKPOINTER	BLD			43.800	44.800	1.5	1.5	2.0	8.280	13.49	0.000	0.670	

Legend: RG (Region) TYP (Trade Type - All, Highway, Building, Floating, Oil & Chip, Rivers) C (Class) Base (Base Wage Rate) FRMAN (Foreman Rate) M-F>8 (OT required for any hour greater than 8 worked each day, Mon through Fri. OSA (Overtime (OT) is required for every hour worked on Saturday) OSH (Overtime is required for every hour worked on Sunday and Holidays) H/W (Health & Welfare Insurance) Pensn (Pension) Vac (Vacation) Trng (Training)

Explanations
COOK COUNTY

The following list is considered as those days for which holiday rates of wages for work performed apply: New Years Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day, Christmas Day and Veterans Day in some classifications/counties. Generally, any of these holidays which fall on a Sunday is celebrated on the following Monday. This then makes work performed on that Monday payable at the appropriate overtime rate for holiday pay. Common practice in a given local may alter certain days of celebration. If in doubt, please check with IDOL.

TRUCK DRIVERS (WEST) - That part of the county West of Barrington Road.

EXPLANATION OF CLASSES

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

ASBESTOS - MECHANICAL - removal of asbestos material from mechanical systems, such as pipes, ducts, and boilers, where the mechanical systems are to remain.

CERAMIC TILE FINISHER

The grouting, cleaning, and polishing of all classes of tile, whether for interior or exterior purposes, all burned, glazed or unglazed products; all composition materials, granite tiles, warning detectable tiles, cement tiles, epoxy composite materials, pavers, glass, mosaics, fiberglass, and all substitute materials, for tile made in tile-like units; all mixtures in tile like form of cement, metals, and other materials that are for and intended for use as a finished floor surface, stair treads, promenade roofs, walks, walls, ceilings, swimming pools, and all other places where tile is to form a finished interior or exterior. The mixing of all setting mortars including but not limited to thin-set mortars, epoxies, wall mud, and any other sand and cement mixtures or adhesives when used in the preparation, installation, repair, or maintenance of tile and/or similar materials. The handling and unloading of all sand, cement, lime, tile, fixtures, equipment, adhesives, or any other materials to be used in the preparation, installation, repair, or maintenance of tile and/or similar materials. Ceramic Tile Finishers shall fill all joints and voids regardless of method on all tile work, particularly and especially after installation of said tile work. Application of any and all protective coverings to all types of tile installations including, but not be limited to, all soap compounds, paper products, tapes, and all polyethylene coverings, plywood, masonite, cardboard, and any new type of products that may be used to protect tile installations, Blastrac equipment, and all floor scarifying equipment used in preparing floors to receive tile. The clean up and removal of all waste and materials. All demolition of existing tile floors and walls to be re-tiled.

COMMUNICATIONS ELECTRICIAN

Installation, operation, inspection, maintenance, repair and service of radio, television, recording, voice sound vision production and reproduction, telephone and telephone interconnect, facsimile, data apparatus, coaxial, fibre optic and wireless equipment, appliances and systems used for the transmission and reception of signals of any nature, business, domestic, commercial, education, entertainment, and residential purposes, including but not limited to, communication and telephone, electronic and sound equipment, fibre optic and data communication systems, and the performance of any task directly related to such installation or service whether at new or existing sites, such tasks to include the placing of wire and cable and electrical power conduit or other raceway work within the equipment room and pulling wire and/or cable through conduit and the installation of any incidental conduit, such that the employees covered hereby can complete any job in full.

MARBLE FINISHER

Loading and unloading trucks, distribution of all materials (all stone, sand, etc.), stocking of floors with material, performing all rigging for heavy work, the handling of all material that may be needed for the installation of such materials, building of scaffolding, polishing if needed, patching, waxing of material if damaged, pointing up, caulking, grouting and cleaning of marble, holding water on diamond or Carborundum blade or saw for setters cutting, use of tub saw or any other saw needed for preparation of material, drilling of holes for wires that anchor material set by setters, mixing up of molding plaster for installation of material, mixing up thin set for the installation of material, mixing up of sand to cement for the installation of material and such other work as may be required in helping a Marble Setter in the handling of all material in the erection or installation of interior marble, slate, travertine, art marble, serpentine, alberene stone, blue stone, granite and other stones (meaning as to stone any foreign or domestic materials as are specified and used in building interiors and exteriors and customarily known as stone in the trade), carrara, sanionyx, vitrolite and similar opaque glass and the laying of all marble tile, terrazzo tile, slate tile and precast tile, steps, risers

treads, base, or any other materials that may be used as substitutes for any of the aforementioned materials and which are used on interior and exterior which are installed in a similar manner.

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

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

OPERATING ENGINEER - BUILDING

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

Class 2. Boilers; Broom, All Power Propelled; Bulldozers; Concrete Mixer (Two Bag and Over); Conveyor, Portable; Forklift Trucks; Highlift Shovels or Front Endloaders under 2-1/4 yd.; Hoists, Automatic; Hoists, Inside Elevators; Hoists, Sewer Dragging Machine; Hoists, Tugger Single Drum; Laser Screed; Rock Drill (Self-Propelled); Rock Drill (Truck Mounted); Rollers, All; Steam Generators; Tractors, All; Tractor Drawn Vibratory Roller; Winch Trucks with "A" Frame.

Class 3. Air Compressor; Combination Small Equipment Operator; Generators; Heaters, Mechanical; Hoists, Inside Elevators (remodeling or renovation work); Hydraulic Power Units (Pile Driving, Extracting, and Drilling); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Low Boys; Pumps, Well Points; Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 4. Bobcats and/or other Skid Steer Loaders; Oilers; and Brick Forklift.

Class 5. Assistant Craft Foreman.

Class 6. Gradall.

Class 7. Mechanics; Welders.

OPERATING ENGINEERS - HIGHWAY CONSTRUCTION

Class 1. Asphalt Plant; Asphalt Heater and Planer Combination; Asphalt Heater Scarfire; Asphalt Spreader; Autograder/GOMACO or other similar type machines: ABG Paver; Backhoes with Caisson Attachment; Ballast Regulator; Belt Loader; Caisson Rigs; Car Dumper; Central Redi-Mix Plant; Combination Backhoe Front Endloader Machine, (1 cu. yd. Backhoe Bucket or over or with attachments); Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Paver over 27E cu. ft.; Concrete Placer; Concrete Tube Float; Cranes, all attachments; Cranes, Tower Cranes of all types: Creter Crane; Spider Crane; Crusher, Stone, etc.; Derricks, All; Derrick Boats; Derricks, Traveling; Dredges; Elevators, Outside type Rack & Pinion and Similar Machines; Formless Curb and Gutter Machine; Grader, Elevating; Grader, Motor Grader, Motor Patrol, Auto Patrol, Form Grader, Pull Grader, Subgrader; Guard Rail Post Driver Truck Mounted; Hoists, One, Two and Three Drum; Heavy Duty Self-Propelled Transporter or Prime Mover; Hydraulic Backhoes; Backhoes with shear attachments up to 40' of boom reach; Lubrication Technician; Manipulators; Mucking Machine; Pile Drivers and Skid Rig; Pre-Stress Machine; Pump Cretes Dual Ram; Rock Drill - Crawler or Skid Rig; Rock Drill - Truck Mounted; Rock/Track Tamper; Roto Mill Grinder; Slip-Form Paver; Snow Melters; Soil Test Drill Rig (Truck Mounted); Straddle Buggies; Hydraulic Telescoping Form (Tunnel); Operation of Tieback Machine; Tractor Drawn Belt Loader; Tractor Drawn Belt Loader (with attached pusher - two engineers); Tractor with Boom; Tractaire with Attachments; Traffic Barrier Transfer Machine; Trenching; Truck Mounted Concrete Pump with Boom; Raised or Blind Hole Drills (Tunnel Shaft); Underground Boring and/or Mining Machines 5 ft. in diameter and over tunnel, etc; Underground Boring and/or Mining Machines under 5 ft. in diameter; Wheel Excavator; Widener (APSCO).

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

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

Class 4. Air Compressor; Combination - Small Equipment Operator; Directional Boring Machine; Generators; Heaters, Mechanical; Hydraulic Power Unit (Pile Driving, Extracting, or Drilling); Light Plants, All (1 through 5); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Pumps, Well Points; Vacuum Trucks (excluding hose work); Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 5. SkidSteer Loader (all); Brick Forklifts; Oilers.

Class 6. Field Mechanics and Field Welders

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

OPERATING ENGINEER - FLOATING

Class 1. Craft Foreman; Master Mechanic; Diver/Wet Tender; Engineer; Engineer (Hydraulic Dredge).

Class 2. Crane/Backhoe Operator; Boat Operator with towing endorsement; Mechanic/Welder; Assistant Engineer (Hydraulic Dredge); Leverman (Hydraulic Dredge); Diver Tender.

Class 3. Deck Equipment Operator, Machineryman, Maintenance of Crane (over 50 ton capacity) or Backhoe (115,000 lbs. or more); Tug/Launch Operator; Loader/Dozer and like equipment on Barge, Breakwater Wall, Slip/Dock, or Scow, Deck Machinery, etc.

Class 4. Deck Equipment Operator, Machineryman/Fireman (4 Equipment Units or More); Off Road Trucks; Deck Hand, Tug Engineer, Crane Maintenance (50 Ton Capacity and Under) or Backhoe Weighing (115,000 pounds or less); Assistant Tug Operator.

Class 5. Friction or Lattice Boom Cranes.

SURVEY WORKER - Operated survey equipment including data collectors, G.P.S. and robotic instruments, as well as conventional levels and transits.

TERRAZZO FINISHER

The handling of sand, cement, marble chips, and all other materials that may be used by the Mosaic Terrazzo Mechanic, and the mixing, grinding, grouting, cleaning and sealing of all Marble, Mosaic, and Terrazzo work, floors, base, stairs, and wainscoting by hand or machine, and in addition, assisting and aiding Marble, Masonic, and Terrazzo Mechanics.

TRAFFIC SAFETY

Work associated with barricades, horses and drums used to reduce lane usage on highway work, the installation and removal of temporary lane markings, and the installation and removal of temporary road signs.

TRUCK DRIVER - BUILDING, HEAVY AND HIGHWAY CONSTRUCTION - EAST & WEST

Class 1. Two or three Axle Trucks. A-frame Truck when used for transportation purposes; Air Compressors and Welding Machines, including those pulled by cars, pick-up trucks and tractors; Ambulances; Batch Gate Lockers; Batch Hopperman; Car and Truck Washers; Carry-alls; Fork Lifts and Hoisters; Helpers; Mechanics Helpers and Greasers; Oil Distributors 2-man operation; Pavement Breakers; Pole Trailer, up to 40 feet; Power Mower Tractors; Self-propelled Chip Spreader; Skipman; Slurry Trucks, 2-man operation; Slurry Truck Conveyor Operation, 2 or 3 man; Teamsters; Unskilled Dumpman; and Truck Drivers hauling warning lights, barricades, and portable toilets on the job site.

Class 2. Four axle trucks; Dump Crets and Adgetors under 7 yards; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnapulls or Turnatrailers when pulling other than self-loading equipment or similar equipment under 16 cubic yards; Mixer Trucks under 7 yards; Ready-mix Plant Hopper Operator, and Winch Trucks, 2 Axles.

Class 3. Five axle trucks; Dump Crets and Adgetors 7 yards and over; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnatrailers or turnapulls when pulling other than self-loading equipment or similar equipment over 16 cubic yards; Explosives and/or Fission Material Trucks; Mixer Trucks 7 yards or over; Mobile Cranes while in transit; Oil Distributors, 1-man operation; Pole Trailer, over 40 feet; Pole and Expandable Trailers hauling material over 50 feet long; Slurry trucks, 1-man operation; Winch trucks, 3 axles or more; Mechanic--Truck Welder and Truck Painter.

Class 4. Six axle trucks; Dual-purpose vehicles, such as mounted crane trucks with hoist and accessories; Foreman; Master Mechanic; Self-loading equipment like P.B. and trucks with scoops on the front.

Other Classifications of Work:

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

LANDSCAPING

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

MATERIAL TESTER & MATERIAL TESTER/INSPECTOR I AND II

Notwithstanding the difference in the classification title, the classification entitled "Material Tester I" involves the same job duties as the classification entitled "Material Tester/Inspector I". Likewise, the classification entitled "Material Tester II" involves the same job duties as the classification entitled "Material Tester/Inspector II".

INDEX
FOR
SUPPLEMENTAL SPECIFICATIONS
AND RECURRING SPECIAL PROVISIONS

Adopted January 1, 2015

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

ERRATA Standard Specifications for Road and Bridge Construction (Adopted 1-1-12)
 (Revised 1-1-15)

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CHECK SHEET
FOR
RECURRING SPECIAL PROVISIONS

Adopted January 1, 2015

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CHECK SHEET
FOR
LOCAL ROADS AND STREETS RECURRING SPECIAL PROVISIONS

Adopted January 1, 2015

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

LOCAL ROADS AND STREETS SPECIAL PROVISIONS

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BDE SPECIAL PROVISIONS
For the January 15 and March 4, 2016 Lettings

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

<u>File Name</u>	<u>#</u>	<u>Special Provision Title</u>	<u>Effective</u>	<u>Revised</u>
80240	1	Above Grade Inlet Protection	July 1, 2009	Jan. 1, 2012
80099	2	Accessible Pedestrian Signals (APS)	April 1, 2003	Jan. 1, 2014
80274	3	Aggregate Subgrade Improvement	April 1, 2012	Jan. 1, 2016
80192	4	Automated Flagger Assistance Device	Jan. 1, 2008	
80173	5	Bituminous Materials Cost Adjustments	Nov. 2, 2006	July 1, 2015
80241	6	Bridge Demolition Debris	July 1, 2009	
50261	7	Building Removal-Case I (Non-Friable and Friable Asbestos)	Sept. 1, 1990	April 1, 2010
50481	8	Building Removal-Case II (Non-Friable Asbestos)	Sept. 1, 1990	April 1, 2010
50491	9	Building Removal-Case III (Friable Asbestos)	Sept. 1, 1990	April 1, 2010
50531	10	Building Removal-Case IV (No Asbestos)	Sept. 1, 1990	April 1, 2010
80360	11	Coarse Aggregate Quality	July 1, 2015	
80310	12	Coated Galvanized Steel Conduit	Jan. 1, 2013	Jan. 1, 2015
80341	13	Coilable Nonmetallic Conduit	Aug. 1, 2014	Jan. 1, 2015
80198	14	Completion Date (via calendar day)	Aug. 1, 2008	
80199	15	Completion Date (via calendar days) Plus Working Days	April 1, 2008	
80293	16	Concrete Box Culverts with Skews > 30 Degrees and Design Fills [5 Feet	April 1, 2012	April 1, 2015
80294	17	Concrete Box Culverts with Skews [30 Degrees Regardless of	April 1, 2012	
80311	18	Concrete End Sections for Pipe Culverts	Jan. 1, 2013	
80334	19	Concrete Gutter, Curb, Median, and Paved Ditch	April 1, 2014	Aug. 1, 2014
80277	20	Concrete Mix Design – Department Provided	Jan. 1, 2012	Jan. 1, 2014
90261	21	Construction Air Quality – Diesel Retrofit	June 1, 2010	Nov. 1, 2014
80335	22	Contract Claims	April 1, 2014	
80029	23	Disadvantaged Business Enterprise Participation	Sept. 1, 2000	Jan. 2, 2015
80358	24	Equal Employment Opportunity	April 1, 2015	
80265	25	Friction Aggregate	Jan. 1 2011	Nov. 1, 2014
80229	26	Fuel Cost Adjustment	April 1, 2009	July 1, 2015
80329	27	Glare Screen	Jan. 1, 2014	
80304	28	Grooving for Recessed Pavement Markings	Nov. 1, 2012	Aug. 1, 2014
80246	29	Hot-Mix Asphalt – Density Testing of Longitudinal Joints	Jan. 1, 2010	April 1, 2012
80322	30	Hot-Mix Asphalt – Mixture Design Composition and Volumetric Requirements	Nov. 1, 2013	Nov. 1, 2014
80323	31	Hot-Mix Asphalt – Mixture Design Verification and Production	Nov. 1, 2013	Nov. 1, 2014
80347	32	Hot-Mix Asphalt – Pay for Performance Using Percent Within Limits - Jobsite Sampling	Nov. 1, 2014	July 1, 2015
80348	33	Hot-Mix Asphalt – Prime Coat	Nov. 1, 2014	
80315	34	Insertion Lining of Culverts	Jan. 1, 2013	Nov. 1, 2013
80351	35	Light Tower	Jan. 1, 2015	
80336	36	Longitudinal Joint and Crack Patching	April 1, 2014	
80324	37	LRFP Pipe Culver Burial Tables	Nov. 1, 2013	April 1, 2015
80325	38	LRFD Storm Sewer Burial Tables	Nov. 1, 2013	April 1, 2015
80045	39	Material Transfer Device	June 15, 1999	Aug. 1, 2014
80342	40	Mechanical Side Tie Nar Inserter	Aug. 1, 2014	Jan. 1, 2015
80165	41	Moisture Cured Urethane Paint System	Nov. 1, 2006	Jan. 1, 2010
80361	42	Overhead Sign Structures Certification of Metal Fabricator	Nov. 1, 2015	
80337	43	Paved Shoulder Removal	April 1, 2014	

<u>File Name</u>	<u>#</u>	<u>Special Provision Title</u>	<u>Effective</u>	<u>Revised</u>
80349	44	Pavement Marking Blackout Tape	Nov. 1, 2014	
80298	45	Pavement Marking Tape Type IV	April 1, 2012	
80254	46	Pavement Patching	Jan. 1, 2010	
80352	47	Pavement Striping – Symbols	Jan. 1, 2015	
80359	48	Portland Cement Concrete Bridge Deck Curing	April 1, 2015	
80353	49	Portland Cement Concrete Inlay or Overlay	Jan. 1, 2015	April 1, 2015
80338	50	Portland Cement Concrete Partial Depth Hot-Mix Asphalt Patching	April 1, 2014	
80343	51	Precast Concrete Handhole	Aug. 1, 2014	
80300	52	Preformed Plastic Pavement Marking Type D – Inlaid	April 1, 2012	
80328	53	Progress Payments	Nov. 2, 2013	
34261	54	Railroad Protective Liability Insurance	Dec. 1, 1986	
80157	55	Railroad Protective Liability Insurance (5 and 10)	Jan. 1, 2006	
80306	56	Reclaimed Asphalt Pavement (RAP) and Reclaimed Asphalt Shingles (RAS)	Nov. 1, 2012	
80350	57	Retroreflective Sheeting for Highway Signs	Nov. 1, 2014	
80327	58	Reinforcement Bars	Nov. 1, 2013	
80344	59	Rigid Metal Conduit	Aug. 1, 2014	
80354	60	Sidewalk, Corner, or Crosswalk Closure	Jan. 1, 2015	April 1, 2015
80340	61	Speed Display Trailer	April 2, 2014	
80127	62	Steel Cost Adjustment	April 2, 2004	July 1, 2015
80362	63	Steel Slag in Trench Backfill	Jan. 1, 2016	
80317	64	Surface Testing of Hot-Mix Asphalt Overlays	Jan. 1, 2013	
80355	65	Temporary Concrete Barrier	Jan. 1, 2015	July 1, 2015
80301	66	Tracking the Use of Pesticides	Aug. 1, 2012	
80356	67	Traffic Barrier Terminals Type 6 or 6B	Jan. 1, 2015	
20338	68	Training Special Provisions	Oct. 15, 1975	
80318	69	Traversable Pipe Grate	Jan. 1, 2014	April 1, 2014
80345	70	Underpass Luminaire	Aug. 1, 2014	April 1, 2015
80357	71	Urban Half Road Closure with Mountable Median	Jan. 1, 2015	July 1, 2015
80346	72	Waterway Obstruction Warning Luminaire	Aug. 1, 2014	April 1, 2015
80288	73	Warm Mix Asphalt	Jan. 1, 2012	Nov. 1, 2014
80302	74	Weekly DBE Trucking Reports	June 2, 2012	April 2, 2015
80289	75	Wet Reflective Thermoplastic Pavement Marking	Jan. 1, 2012	
80071	76	Working Days	Jan. 1, 2002	

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

<u>File Name</u>	<u>Special Provision Title</u>	<u>New Location</u>	<u>Effective</u>	<u>Revised</u>
80292	Coarse Aggregate in Bridge Approach Slabs/Footings	Articles 1004.01 (b) and 1004.02(f)	April 1, 2012	April 1, 2014
80303	Granular Materials	Articles 1003.04(c), and 1004.05(c)	Nov. 2, 2012	
80330	Pavement Marking for Bike Symbol	Article 780.14	Jan. 1, 2014	
80331	Payrolls and Payroll Records	Recurring CS#1 and #5	Jan. 1, 2014	
80332	Portland Cement Concrete – Curing of Abutments and Piers	Article 1020.13	Jan. 1, 2014	
89326	Portland Cement Concrete Equipment	Article 1103.03(a)(5)	Nov. 1, 2013	
80281	Quality Control/Quality Assurance of Concrete Mixtures	Recurring CS#31	Jan. 1, 2012	Jan. 1, 2014
80283	Removal and Disposal of Regulated Substances	Articles 669.01, 669.08, 669.09, 669.14, and 669.16	Jan. 1, 2012	Nov. 2, 2012
80219	Removal and Disposal of Surplus Materials	Article 202.03	Nov. 2, 2012	
80307	Seeding	Article 250.07	Nov. 1, 2012	
80339	Stabilized Subbase	Article 312.06	April 2, 2014	

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

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

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

SPECIAL PROVISION
FOR
SUBSTANCE ABUSE PREVENTION PROGRAM

Effective: January 1, 2008
Revised: January 8, 2008

In addition to all other labor requirements set forth in this proposal and in the Standard Specification for Road and Bridge Construction, adopted by the Department, during the Performance of his contract, the Contractor for itself, its assignees, and successors in interest (hereinafter referred to as the "Contractor") agrees as follows:

Substance Abuse Prevention Program. Before the Contractor and any Subcontractor Commences work, the Contractor and any Subcontractor shall have in place a written Substance Abuse Prevention Program for the prevention of substance abuse among its employees which meets or exceeds the requirements in P.A. 95-0635 or shall have a collective Bargaining agreement in effect dealing with the subject matter of P.A. 95-0635.

The Contract and any Subcontractor shall file with the public body engaged in the construction of the public works; a copy of the substance abuse prevention program along with a cover letter certifying that their program meets the requirements of the Act, or a letter certifying that the Contractor or a Subcontractor has a collective bargaining agreement in effect dealing with the subject matter of this Act.

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SECTION I - DESCRIPTION OF WORK & GENERAL SPECIFICATIONS

1. General:

This Contract is for the maintenance of (1) Traffic Signal Installations, and (2) Street Lighting Systems and their appurtenances located in the City of Berwyn, Cook County, Illinois.

2. Specifications:

The "Standard Specifications for Road and Bridge Construction", prepared by the Department of Transportation of the State of Illinois and adopted by said Department on January 1, 2012, and subsequent revisions; the "Supplemental Specifications and Recurring Special Provisions", adopted January 1, 2012; the provisions of the current edition of the "National Electric Code"; the current edition of the "National Electric Safety Code"; the current edition of the "Safety Rules for the Installation and Maintenance of Electric Supply and Communication Lines"; and the current edition of the "Illinois Manual of uniform Traffic Control Devices", and subsequent revisions, shall apply to the work covered by this Contract as if fully written out herein, except those items that by their nature have no application. In case of conflict with any part or parts of the above listed Specifications, the Specifications contained herewith shall take precedence and shall govern.

3. Definition of Terms:

a. Owner:

The City of Berwyn acting through its Mayor and City Council.

b. Systems:

When referred to in Section III, all traffic control signal equipment as described in the Proposal accompanying these Specifications, owned by or under the jurisdiction of the Owner (See Exhibit "A" in Section III for locations and description of traffic signal installations).

When referred to in Section IV, all street lighting equipment as described in the Proposal accompanying these Specifications, owned by or under the jurisdiction of the Owner. (See the City Map following Section V of these Specifications for area locations.)

c. Traffic Control Signal System:

All various types of electrically operated traffic control signals whether they be fully actuated, semi-actuated, traffic adjusted, fixed time, post mounted flashing signal; all types of detectors, special auxiliary control equipment, flashing beacon signals, and all appurtenances thereto, owned or under the jurisdiction of the Owner.

d. Engineer

The Engineer employed by the Owner or his authorized representative limited to the particular duties entrusted to him.

e. Director of Public Works:

The Director of Public Works employed by the City or his authorized representative limited to the particular duties entrusted to him.

f. Bidder:

Any individual, firm, or corporation, submitting a Proposal for the work contemplated, acting directly or through a duly authorized representative.

g. Contractor:

The bidder awarded the Contract for the electrical maintenance work.

h. Proposal:

The written offer of the bidder to perform the proposed work.

i. Proposal Guaranty:

The security designated in a Proposal to be furnished by the bidder as a guaranty that said bidder would enter into a Contract with the Owner for the acceptable performance of the work and will furnish the required Contract Bond, if the work is awarded to him.

j. Emergency

When used in connection with this Contract, shall call for immediate response by the Contractor when notified either orally or in writing by the Owner or Engineer or by any other recognized authority. Immediate response shall mean that the Contractor shall proceed without delay or the intervention of other acts to the location of the equipment which has been reported inoperative and shall service, repair, replace parts, or place in temporary operating condition or otherwise activate damaged or inoperative equipment.

k. Emergency Temporary Repairs

When used in connection with this Contract, shall be such repairs to damaged or inoperative equipment as may be required to safeguard against any or all injury or damage to the public and reduce to a minimum any inconvenience to traffic. Such repairs may entail the removal of damaged equipment, erection and maintenance of signs, barricades, temporary signals lights, etc., as are necessary to protect the public and guide or regulate traffic.

l. Extra Work

Any work upon an existing system or existing installation: (1) Not specified in this Contract as Routine Maintenance, and (2) Specifically authorized by the Owner or the Engineer to be performed by the Contractor, except work necessitated by negligence of the Contractor, his employees, or agents.

4. Workmanship and Materials:

Unless otherwise specifically provided for in the Specifications, all workmanship, equipment, materials, and articles incorporated in the work covered by this Contract are to be of the best grade of the respective kinds for the purpose. Where equipment, materials or articles are referred to in the Specifications as "Equal" to any particular standard, the Owner will decide the questions of equality. The Contractor shall furnish to the Director of Public Works, for his approval, the name of the manufacturer of machinery, mechanical or other equipment which he contemplates incorporating in the work; and when requested by the Director of Public Works, the capacities and other pertinent information, including samples. Machinery, equipment, materials, and articles installed or used without such approval shall be at the risk of subsequent rejection.

5. Warranty:

The Contractor warrants that all material furnished or to be furnished and workmanship performed or to be performed in the performance of the aforesaid work by anyone (including but not limited to his Subcontractors) shall be free of all defects and in accordance with the Specifications and Contractor agrees to remedy any such defects, without charge to Owner, hereunder. If the Owner finds it reasonably necessary to employ an attorney, whether said attorney be on retainer, salary or otherwise, and incurs costs enforcing said warranty, or if the Owner, at his option, remedies the defects himself upon the Contractor's failure to remedy them in accordance with the time limits in the next sentence, then the Contractor shall be liable for the Owner's reasonable attorney's fees, computed at the then recommended Chicago Bar Association hourly rate for costs and the cost of remedying said defects, as the case may be. The Owner shall give the Contractor written notice of defects and the Contractor shall repair the same within fourteen (14) days from when the notification was given. The exercise of one or more of the foregoing remedies shall not constitute a waiver of the other remedies or any other remedy the Owner may have at law or equity.

6. Risk of Loss:

The Contractor shall bear the risk of loss for all work performed hereunder until said work is fully completed.

7. Prosecution of Work:

The purpose of this Contract is to maintain the signal and lighting systems to operate in the manner that they were originally intended, so as to guide, regulate, warn and facilitate the movement of traffic with due regard for the safety of the life, limb and property of motorists and pedestrians who use the streets. Consequently, TIME IS OF THE ESSENCE IN THIS CONTRACT.

It is imperative that all equipment in the respective systems be serviceable and in operating condition at all times where applicable, seven (7) days a week. To insure this continuous and uninterrupted operation of this equipment, SERVICE CALLS AND EMERGENCY CALLS SHALL BE ANSWERED PROMPTLY, AND EXTRAORDINARY EFFORT SHALL BE EXERTED BY THE CONTRACTOR TO RENDER THIS SERVICE.

The Contractor shall prosecute the work in the following manner:

a. The Contractor shall at all times maintain a force of qualified workmen sufficient to perform the work required and described herein. The force of qualified workmen shall be sufficient to respond to emergency calls which may be received at any time, and to promptly make repairs.

b. All component parts of each system shall be maintained at all times to perform the functions for which they were designed unless authorized to the contrary by the Director of Public Works.

c. The Contractor shall designate representatives in his organization, one of whom shall be available at all times to the Owner. The Contractor shall furnish the names, addresses and 24 hour telephone numbers of his representatives to the Director of Public Works.

d. Any maintenance operations found unsatisfactory, and equipment found not properly maintained, or any repair or extra work found necessary by the Director of Public Works shall be reported to the Contractor by the Owner.

Once a request for repairs has been made by the Owner, the Contractor shall immediately make the necessary corrections and perform any work necessary to bring the system up to the prescribed standard. The Contractor shall submit a report to the Director of Public Works indicating that the repair work requested has been completed, giving the date of completion of the work.

e. Priority and performance of the routine work on the systems shall be at the discretion of the Contractor unless otherwise directed by the Director of Public Works.

f. Immediate response shall be made by the Contractor to service any equipment of any system which may be reported or discovered by the Contractor as inoperative or operating improperly.

g. The Contractor shall act in the best interests of the Director of Public Works in the selection of material and equipment which has been authorized for purchase by the Director of Public Works. Also, the Contractor shall consult with the Director of Public Works as to the proper course to take regarding the settlement of claims for materials and equipment which may become defective.

h. The Contractor shall submit to the Director of Public Works a yearly Condition Report, which shall contain the following information:

1. The general condition of the equipment comprising each system or any part thereof.
2. Any major breakdowns or individual pieces of equipment due to mechanical failure.
3. Any major repairs to any equipment and the reason for repairs, and
4. A recommendation for any major repairs to equipment that the Contractor deems necessary for proper performance.

i. The Contractor shall erect flags, signs, or barricades, as may be required to properly protect his workmen and the motoring public when repairs are being performed on or near the roadway.

j. The Contractor shall promptly report to the Director of Public Works any unauthorized construction or repair work being done by others upon municipal owned equipment being maintained by the Contractor. The Contractor shall also report any construction or repair work in progress, which work may endanger or damage the equipment of the system.

k. The Contractor shall promptly notify the Director of Public Works of the disablement of any piece of equipment on any system due to an accident or other cause, such as damaged cable, broken parts, or other difficulties, when such pieces of equipment cannot be readily repaired, making it necessary to discontinue operation of all or part of the installation.

l. The Contractor will make all necessary calls when requested by the Director of Public Works to install or supervise the installation by others of additional or auxiliary equipment to any of the municipal systems, or whenever necessary to locate cables or utility lines to prevent damage by any proposed construction.

8. Material, Labor & Equipment to be Furnished by Contractor:

a. The Contractor shall furnish all transportation, equipment, and material for maintenance, except work authorized by the Owner as "Extra", as detailed in Section III, Item No. 5, and in Section IV, Item No. 6.

b. The Contractor shall furnish all testing instruments necessary for making tests on the systems or equipment.

c. All locks shall be kept in proper working order at all times. Whenever it is necessary to change, replace or add new locks to any part of the system for any cause whatsoever, THE CONTRACTOR SHALL ASSUME COST OF SUCH NEW LOCKS OR KEYS. Whenever a lock or the tumblers are changed, the Contractor shall furnish the Owner with two (2) keys. All locks shall be keyed to the master.

d. The Contractor shall furnish all labor necessary in the performance of this Contract. The Contractor shall have a sufficient number of qualified employees who are experienced in the various technical and mechanical fields associated with the specialized equipment at all times to maintain the respective systems adequately.

e. The Contractor shall furnish transportation for his employees and equipment used in the performance of this Contract. All vehicles used by the Contractor shall conform with all applicable laws and Municipal Safety Code and shall carry such lights and safety appurtenances as may be prescribed by the Owner. Patrol cars, trucks, and supervisory cars operated by the Contractor in connection with the Contract shall be equipped with two-way radio or cellular telephone as a means of expediting and maintaining 24 hour communications with the Contractor's headquarters and field crews. The Contractor shall maintain a dispatcher at his main headquarters 24 hours a day, seven (7) days a week.

9. Contractor's Records:

Any records required to be maintained by the Contractor under terms of this Contract, as well as any other records of the Contractor which form the basis of affidavits, invoices, or bills, made by the Contractor under this Contract shall be open to inspection and verification by the Owner or the Engineer, or by any auditors employed by the Owner.

10. Increased or Decreased Quantities:

Whenever the quantity of any item of work given in the Proposal shall be increased or decreased because of new equipment added to the systems, or equipment eliminated in the systems, payment will be made on the basis of the actual work performed, at the unit price named in the Proposal, except as otherwise provided in the Specifications. The Director of Public Works shall notify the Contractor when new equipment is to be placed in operation in any of the systems, or when equipment has been inactivated or eliminated, thus increasing or decreasing the quantities listed in the Schedule of Prices.

In case of installation of new equipment, the Contractor shall make such an inspection as is necessary at the time of activation to ascertain that the equipment is in working order, and henceforth, from that time that the equipment is placed in operation, the Contractor shall assume responsibility for the maintenance and repair of such equipment. The Contractor shall assume responsibility for maintenance and repair, except for such work as is determined by the Owner to be the responsibility of the installing Contractor, regardless of the acceptance of the installation by the Illinois Department of Transportation or by the Owner and during the period of operation prior to the time of acceptance by the Illinois Department of Transportation. The Contractor shall notify the Director of Public Works concerning matters pertaining to failure of parts, guarantee periods, knockdowns, stoppage due to faulty construction, etc., at no extra cost to the Owner.

11. Period of Contract

This Contract will be in full force from 12:01 a.m., February 1, 2016, to 12:00 Midnight, December 31, 2016, subject to the right of the City of Berwyn to cancel and terminate the same at any time with or without cause for reasons which it believes to be in the public interest by giving thirty (30) days notice to the Contractor. In the event of such cancellation, the Contractor shall be entitled to receive payment for services and work performed and materials and equipment furnished under the terms of the Contract prior to the effective date of such cancellation, but shall not be entitled to receive any damages on account of such cancellation or any further payment whatsoever.

The City of Berwyn also reserves the right to extend this Contract for a period of one (1) year, from 12:01 a.m., January 1, 2017, to 12:00 midnight, December 31, 2017, under the same terms and conditions as the original Contract, upon thirty (30) days notice in writing of its intention to exercise this option. The Contractor, however, shall have the privilege of rejecting an extension of the Contract period. Such rejection shall be made in writing to the City of Berwyn at least ninety (90) days prior to the expiration of the Contract period and shall state his unwillingness to continue under the same terms and conditions.

The City of Berwyn also reserves the right to extend this Contract for a second one (1) year period, from 12:01 a.m., January 1, 2018, to 12:00 midnight, December 31, 2018, under the same terms and conditions as the original Contract, upon thirty (30) days notice in writing of its

intention to exercise this option. The Contractor, however, shall have the privilege of rejecting an extension of the Contract period. Such rejection shall be made in writing to the City of Berwyn at least ninety (90) days prior to the expiration of the Contract period and shall state his unwillingness to continue under the same terms and conditions.

12. Scope of Work for Traffic Signal Installations

The Contractor shall (1) furnish all labor and provide materials to maintain the respective installations in first class working order and operating condition at all times; (2) make permanent repairs to damaged equipment; (3) clean, repair, and overhaul specified equipment at stated intervals of time; (4) provide the necessary transportation for workmen, materials, and equipment used to execute the work under the terms of the Contract; and (5) GIVE TWENTY-FOUR (24) HOUR MAINTENANCE AND REPAIR SERVICE, INCLUDING SATURDAYS, SUNDAYS, AND HOLIDAYS to correct any malfunction of equipment or effect any temporary emergency repairs to damaged equipment resulting from any cause. All calls are to be considered as emergencies.

The Contractor shall be required to patrol the respective installations for lamp outage and other non-operative equipment once every two (2) weeks. Written inspection logs shall be included with each monthly invoice. Also, upon notification by the Director of Public Works of the City of Berwyn or his duly authorized representative, the Contractor shall be required to correct any malfunctioning equipment that is reported within the allowable timeframe specified elsewhere in these Special Provisions.

13. Scope of Work for Street Lighting Systems (Routine Maintenance)

The Contractor shall (1) furnish all labor and materials to maintain the respective systems in first class working and operating condition at all times; (2) make permanent repairs to all damaged equipment; (3) clean, repair, and overhaul specified equipment at stated intervals of time; (4) provide the necessary transportation for workmen, materials, and equipment used to execute the terms of the Contract; and (5) IN CASE OF EMERGENCY, HE SHALL GIVE TWENTY-FOUR (24) HOUR MAINTENANCE AND REPAIR SERVICE, INCLUDING SATURDAYS, SUNDAYS, AND HOLIDAYS.

The Contractor shall not be required to patrol the street lighting systems for lamp failures, other failures or non-operative equipment. However, on notification by the Director of Public Works of the City of Berwyn or his duly authorized representative, he shall furnish and replace burned-out lamps by Friday of the week in which they were reported. Malfunction of equipment or faulty cable which results in entire or major portions of circuits being inoperative, shall be corrected or temporarily repaired within twenty-four (24) hours of notification. Permanent repairs shall be effected as soon thereafter as possible.

14. Scope of Work for Relamping of Existing Street Light Systems

The Contractor shall furnish all labor, material, and equipment required to relamp existing street light standards as specified in Section V of these Provisions.

15. Invoicing

At the first of each month, the Contractor shall submit statements for work performed during the preceding month. The statements shall include all regular maintenance work, and the Contract

pay items shall be listed in the order contained in the Schedule of Prices. In addition, a listing of each Force Account covering additional labor, equipment or material used which is not covered by pay items in the Contract shall be included for the entire month, and a written log for the traffic signal inspections.

At the end of the year, the Contractor shall submit a final statement of work performed during the entire maintenance year. The statement shall include final quantities for each Contract pay item listed in the Schedule of Prices, plus a listing of each Force Account covering labor, equipment and material for which Contract pay items do not exist.

All Contractor's statements shall be furnished in duplicate, with one (1) copy being sent to the City of Berwyn's Public Works Department and one (1) copy being sent to the City's Consulting Engineer, Frank Novotny & Associates, Inc.

Under the scope of this Contract, it shall be the responsibility of the Owner to pursue any and all claims for damage to existing equipment as a result of an accident. The Contractor shall be responsible for clearly itemizing "knockdowns" or other types of accidental damage on the Statement, to help assist the City in the reimbursement process.

SECTION II - INSTRUCTIONS TO BIDDERS

1. Competency of Bidders

Each bidder shall be qualified to bid with the State of Illinois and otherwise comply with all the requirements of the "Prequalification of Bidders" article of Check Sheet LRS6, as found in the "Supplemental Specifications and Recurring Special Provisions", adopted January 1, 2012.

Each bidder shall not currently be under suspension by the Illinois Department of Transportation or other Illinois, County or Municipal agency for non-compliance of work, shoddy workmanship, nor shall have been under suspension for the same within the last five (5) years.

2. Proposal Guaranty

Each Proposal shall be accompanied by a bank draft, a bank cashier's check, bid bond or a properly certified check for not less than five percent (5%) of the amount of the bid, payable to the order of the City of Berwyn, Illinois. Proposal Guaranties will be returned in accordance with the requirements of the "Proposal Guaranty" article of Check Sheet LRS6, as found in the "Supplemental Specifications and Recurring Special Provisions", adopted January 1, 2012.

3. Requirement of Contract Bond

The successful bidder, at the time of the execution of the Contract, shall deposit with the City, a Surety Bond in the full amount of the Contract. The form of Bond shall be that furnished by the City of Berwyn and the Surety shall be acceptable to the City and to the Illinois Department of Transportation. The Bond shall be substantially in the form attached hereto.

4. Execution and Prosecution of the Contract

This project is expected to be awarded on January 12, 2016, at the regularly scheduled City Council Meeting.

In order to expedite the project, the following amendment will be made to the execution and prosecution of the Contract, as found in the Supplemental Specifications and Recurring Special Provisions:

The Contractor shall execute the Contract and furnish the Contract Bond and the required insurance within seven (7) calendar days after the Contract has been mailed to the successful bidder.

5. Selection of Labor

The Contractor shall comply with all Illinois Statutes pertaining to the selection of labor.

6. Subletting or Assigning the Contract

The Contractor shall perform with his own organization Contract work amounting to not less than ninety percent (90%) of the original total Contract price, except that any items designated by the State as "Specialty Items" may be performed by sub-contract and the amount of any such "Specialty Items" so performed may be deducted from the original total Contract price before

computing the amount of work required to be performed by the Contractor with his own organization.

6.1 "His own organization" shall be construed to include only workmen employed and paid directly by the Contractor and equipment owned or rented by him, with or without operators.

6.2 "Specialty Items" shall be construed to be limited to work that requires specialized knowledge, craftsmanship or equipment not ordinarily available in contracting organizations qualified to bid on the contract as a whole, and, in general, to be limited to minor components of the overall Contract.

7. Traffic Control and Protection

General: The Contractor shall obtain, erect, maintain, and remove all signs, barricades, flagmen, and other traffic control devices as may be necessary for the purpose of regulating, warning, and guiding traffic through the area of construction. Placement and maintenance of all traffic control devices shall be as directed by the Engineer and in accordance with the applicable parts of Article 107.14 and Sections 701, 1084 and 1106 of the Standard Specifications and the "Illinois Manual on Uniform Traffic Control Devices for Streets and Highways", as applicable.

Basis of Payment: All traffic protection will be considered incidental to the cost of the Contract and will not be paid for separately, unless an item is so provided in the "Bidding Schedule". If an item is provided, payment will be made on the basis of the bid line item or on a pro-rata basis if bid as a lump sum.

SECTION III – TRAFFIC SIGNAL MAINTENANCE

1. Timing and Dial Settings for Traffic Control Signals and Time Clocks

a. The Contractor shall make no changes in the timing and settings for the traffic control signal system unless authorized to do so by the Owner or by the Engineers of other public agencies responsible for such settings. Whenever the Owner has occasion to make investigation relative to traffic and finds that conditions warrant the changing in timing or dial settings on the traffic control system, on the time clocks, or any other system in the Controller, the Director of Public Works shall have the privilege of doing so and will inform the Contractor of such changes within a reasonable time. The Contractor shall keep timing and dial settings in accordance with the Director of Public Works' instructions at all times.

b. The Contractor shall initiate and maintain a written record of all time clock settings. Whenever such a setting is changed, as authorized herein, the Contractor shall prepare a record of such changes, in triplicate. One copy will be retained by the Contractor, one copy shall be kept in the control cabinet, and one copy delivered to the Director of Public Works.

c. Time clock settings on systems on routes under jurisdiction of other public agencies such as the Illinois Department of Transportation shall not be altered without prior approval by that agency.

d. The setting of any time clocks on any system which is covered by a flat Contract with a utility company, shall be in accordance with the provisions of their service contract.

2. Scope of Routine Work - Type II Maintenance

The scope of routine work for the respective system is listed as follows, and shall constitute the general responsibilities to be assumed by the Contractor in carrying out the provisions in the Contract, for which no extra charge will be allowed.

a. Traffic Control Signal System:

Under this heading, the Contractor shall service and maintain the traffic control signal system including any new traffic control signals of the same or similar type that may be installed by the Owner during the period of the Contract.

1. Patrol the traffic control signal system once every two (2) weeks.
2. Keep signal posts, control pedestals, and foundations in alignment at all times.
3. Keep signal posts and control pedestals tight on foundation.
4. Keep bolts tight and replace broken bolts in pressure-type detectors.
5. Keep signal heads and control housings tight on their pedestals and properly adjusted.
6. Keep detector equipment in proper working order at all times. Detector loops and cable failures not caused by pavement deterioration shall be repaired at no additional cost to the City.

7. Check the controllers, relays, and detectors at least once every two (2) weeks to ascertain that they are functioning properly and make all necessary repairs and replacements.
8. Furnish and install temporary controller whenever necessary.
9. Maintain proper timing and dial settings of the controls and detector relays as required.
10. Keep interior of control housing in a neat and workmanlike manner at all times. Change filter in the controller cabinet at least once a year or more often as necessary.
11. Keep service pole equipment in proper working order at all times; the Contractor shall cooperate with the utility company in this matter.
12. Remove to clean and overhaul each electro-mechanical control unit, relays, special auxiliary control equipment and flashers once a year, or more often if necessary. Solid state control equipment will be cleaned and overhauled only when the equipment malfunctions. A record tag shall be attached to each controller on which shall be indicated the date of overhaul or other service work, or other information as directed by the Director of Public Works.
13. Clean, adjust, and overhaul motors in flashing signals whenever it is necessary (if applicable).
14. Replace burned out fuses and burned out or damaged lamps and sockets, regardless of cause, as may be required. The reflector and lens will be cleaned each time a lamp is replaced.
15. Whenever the Director of Public Works deems it necessary, the Contractor shall check the voltage with a voltage recorder for a period of not less than twenty-four (24) hours.
16. Whenever repairs at a signalized intersection require that the controller be disconnected, the Contractor shall place a stop sign on each approach to the intersection as a temporary means of regulating traffic. However, if power is available, the Contractor shall energize the flasher, flashing red on all approaches to the intersection.
17. Where a red lamp outage occurs and at least two (2) faces remain illuminated in the same direction of travel, the darkened red section shall be relamped during the morning of the next normal working day following notification. If less than two (2) red sections are illuminated for any direction of travel, the outage will be handled as an emergency. If any other outages occur, they shall be relamped by the morning of the next business day.
18. Any additional traffic control intersections may be added to this Contract at the unit price shown in the agreement or deleted as directed in writing.

19. Return all damaged, worn out, and obsolete City-owned equipment to the City's Public Works Department, by the Contractor, at his expense.
20. The painting of posts and equipment WILL NOT be included in this Contract. In the case of any pole knockdown and replacement, the Contractor shall remove any and all existing signs which may be attached to the damaged pole and to attach these signs to the replacement pole.
21. Inspect on a monthly basis, the timing of all traffic signal installations with Railroad Pre-emption Sequences. Insure that proper timing is maintained to allow all vehicles to clear railroad crossings prior to the arrival of trains.
22. Inspect on a monthly basis, all signal timing.
23. Reset traffic control system in the event of bad weather or power outage. A power outage resulting from bad weather is not considered a "cataclysmic event". "Cataclysmic Event" shall be defined as: An occurrence, caused exclusively by any of the irresistible forces of nature that is an unexpected, singular event without continued, persistent existence or that is irregularly predictable. The event must occur without the involvement of human causative action, and must not be preventable or capable of substantial limitation in its impact by application of human care, skill, or foresight. Cataclysmic events include earthquakes, floods, flash floods of surface water caused by heavy rains and runoff water, tornadoes, or other cataclysmic phenomena of nature. A flood, defined as water elevation in excess of the channel capacity of a river, stream, or other body of water is not a cataclysmic event, unless the flood water elevation exceeds the 100-year flood elevation.

b. Locations:

See Exhibit "A" for traffic signal installation locations.

3. Method of Payment:

At the first of each month, the Contractor shall submit statements in duplicate for work performed during the preceding month. Statements shall be sent to the Director of Public Works and the City's Consulting Engineer, Frank Novotny & Associates, Inc.

THESE STATEMENTS SHALL BE MADE FOR THE SYSTEM FOR THE REGULAR MAINTENANCE WORK PERFORMED UNDER THIS CONTRACT, AND AT ALL UNIT PRICES STATED IN THE SCHEDULE OF PRICES, AND THE ITEMS SHALL BE LISTED IN THE ORDER CONTAINED IN THE SCHEDULE OF PRICES. IN ADDITION, A LISTING OF ANY ADDITIONAL LABOR, EQUIPMENT, OR MATERIALS USED WHICH ARE NOT COVERED BY PAY ITEMS IN THE CONTRACT SHALL BE INCLUDED FOR THE ENTIRE MONTH.

Billing for the cost of maintenance operations shown on statements shall be for full month periods only, and shall not be prorated for shorter periods. Work performed on new installations completed and activated during the first half of the month shall be billed to cover the entire month; moreover, work performed on new installations completed and activated during the latter half of the month shall not be billed on the current statement, and payment shall begin the following month. Equipment that has been inactivated or eliminated during the latter half of a

month shall be billed for the full month; however, equipment that has been inactivated or eliminated during the first half shall not be included.

4. Basis of Payment:

a. Payment for routine work as specified in the "Scope of Routine Work-Type II Maintenance" shall be paid for at the Contract unit price per each/month for "**MAINTENANCE OF TRAFFIC CONTROL INSTALLATIONS**", which price will be payment in full for the work outlined hereinabove.

b. Payment for non-routine work as specified in Section III, 5b, shall be paid for as "Extra Work" (See Section III, 5c).

5. Extra Work

a. General:

The Director of Public Works may authorize the Contractor to perform extra work and furnish the necessary materials and parts. However, the Owner reserves the right to advertise for competitive bids to affect changes on any system. Authorization for extra work shall be given by the Director of Public Works in writing, and when so authorized shall be performed by force account. CLAIMS FOR EXTRA WORK WHICH HAVE NOT BEEN AUTHORIZED BY THE DIRECTOR OF PUBLIC WORKS SHALL BE REJECTED.

The Contractor shall furnish to the Director of Public Works itemized statements in duplicate of the cost of all force account work which shall include a true copy of the payroll and the original receipted bills for the materials used and any freight charges paid on same.

A foreman shall not be employed unless there are more than three men employed at any one time and place, and then only with the consent of the Director of Public Works. Where materials are not specifically purchased for use on extra work but are taken from the Contractor's stock, the Contractor may submit an affidavit of the quality, price and any freight on such materials in lieu of certified copies of original bills and invoices. This affidavit must be approved by the Director of Public Works.

b. The scope of EXTRA WORK for Traffic Control Signal Systems is as follows:

1. Relocation of posts or other fixed equipment. The Contractor shall prepare an "as-built" drawing showing such new locations and furnish same to the Owner and the Engineer.
2. Modification of Traffic Signal Equipment. Whenever the Owner deems it necessary to make changes in existing equipment, the Director of Public Works shall authorize the Contractor to make the necessary repairs or changes.
3. Repair and/or replacement of major equipment including controllers, detectors, timers, detector relays, heads, posts, foundations, handholes and cabinets.
4. Remove existing signage from existing traffic signal posts and reinstall on new traffic signal posts where necessary.

5. Repair and/or replacement of damaged conduit and damaged underground wiring extending beyond the post.
6. Replacement of deteriorated wiring.
7. Installation and removal of temporary traffic signals.
8. Furnish cable location services when so requested by the Owner for other Contractors working in the area.

c. All extra work done by force account will be paid for in the following manner:

1. Method of Computing Time:

Rates for labor and equipment furnished by the Contractor shall be based on the time the man and equipment leave the shop or leave another job and for the actual time engaged in the work. If the work as ordered by the Director of Public Works does not take a full day, the time for returning to the shop shall be included in the total time figures for payment. However, if the labor and equipment moves to another job, the time moving to the other job shall not be included. The time the Contractor spends in moving from one location to another location within the City of Berwyn will be included.

2. Labor:

For skilled and unskilled labor, the Contractor will be paid the Contract unit price per hour for "ELECTRICIAN", computed as outlined in "Method of Computing Time" above, and as set forth in the "Proposal" section, "Schedule of Prices", which rates shall include: (1) Workman's Compensation Insurance, (2) Liability Insurance, (3) Federal and State Unemployment Tax, (4) Federal Old Age Annuity Tax, (5) Health and Welfare Trust Fund, (6) Vacation Fund, (7) Overhead, and (8) Profit. When service calls require the Contractor to perform work outside of normal business hours (7:00 a.m. to 5:00 p.m.), and when approved by the Director of Public Works, the Contractor will be paid 1.5 times the Contract unit price per hour for "ELECTRICIAN", for skilled and unskilled labor. Overtime will only be considered for approval when the Contractor actually pays the employees at the overtime rate. Double time will not be considered. If it is necessary for the Contractor to employ the services of any other class of skilled, semi-skilled, or unskilled, other than those listed in the "Schedule of Prices", the Contractor shall receive the current local rate of wage for each hour that said labor or foreman are actually engaged in such work computed as outlined under "Method of Computing Time" above mentioned, to which cost shall be added fifteen percent of the sum thereof. The Contractor may also receive the net cost of: (1) Workman's Compensation Insurance, (2) Liability Insurance, (3) Federal and State Unemployment Tax, (4) Federal Old Age Annuity Tax, (5) Health and Welfare Trust Funds, and (6) Vacation Fund.

3. Materials:

The Contractor shall receive the actual cost of materials furnished by him, which are an integral part of the finished work, to which 15% shall be added. The Contractor shall provide copies of all paid material invoices when requested by the Director of Public Works.

4. Equipment:

For the equipment listed in the "Schedule of Prices" the Contractor will receive the hourly equipment rental rate for the actual number of hours the equipment is used on the work, computed as outlined herein, at the Contract unit price per hour for SERVICE TRUCK; TOWER AND BUCKET TRUCK; BACKHOE; and, AIR COMPRESSOR, which hourly rate shall include depreciation, insurance repairs, and operating costs.

If it is necessary for the Contractor to use equipment not included in the "Schedule of Prices", the Contractor shall receive a reasonable ownership expense cost, computed in accordance with the current "Equipment Watch Rental Rate Blue Book" as approved and adopted by the Illinois Department of Transportation, and subsequent revisions and additions for the period that said machinery and equipment is in use on the work, to which no percent will be added. Operating costs of such equipment will be paid for at the cost computed as outlined herein. Prior to the use of any unlisted equipment, the Contractor shall establish ownership and operating costs of the equipment and submit them to the Director of Public Works for approval.

d. Extra Work Response Time:

Because of the public safety factor involved with traffic signal knockdowns and cable cuts, response time by the maintenance Contractor shall be two (2) hour maximum from time of dispatch by the City of Berwyn to the Contractor, regardless of traffic and/or weather conditions, or the time of day. Repeated failure on the part of the Contractor shall be cause for termination of this Contract with recommendations by the Director of Public Works and the Engineer.

EXHIBIT "A"
TRAFFIC SIGNAL INSTALLATIONS

LOCATION AND DESCRIPTION OF TRAFFIC SIGNAL INSTALLATIONS TO BE MAINTAINED UNDER THIS SECTION OF THE CONTRACT.

Intersection & Type of Controllers	Number of Posts & Signal Heads	Bulb Type
1. 26 th Street & Riverside Drive (Traffic Actuated)	2 Posts, 1F, 3S 2 Posts, 1F, 5S 1 Post, 2F, 5S & 3S, 1W 1 Post, 2F, 3S, 1W 1 Post, 2F, 3S 1 Post, 1F, 5S, 1W	LED
2. 26 th Street & Oak Park Avenue (Traffic Actuated)	8 Posts, 1F, 5S, 1W	LED
3. 26 th Street & East Avenue (Traffic Actuated)	5 Posts, 1F, 3S, 1W 1 Post, 2F, 3S, 2W 1 Post, 2F, 3S, 1W	LED
4. 16 th Street & Oak Park Avenue (Traffic Actuated)	4 Posts, 1F, 5S, 2W 4 Posts, 1F, 5S	LED
5. 16 th Street & East Avenue (Traffic Actuated) 16 th Street & Ridgeland Avenue (Traffic Actuated)	4 Posts, 1F, 3S 4 Posts, 1F, 3S, 2W 3 Posts, 1F, 5S, 2W 2 Posts, 1F, 5S 2 Posts, 1F, 5S, 1W	LED
7. Oak Park Avenue & Riverside Drive (Traffic Actuated)	2 Posts, 1F, 5S and 1F, 3S, 2W 2 Posts, 1F, 5S, 2W 4 Posts, 1F, 5S	LED
8. Oak Park Avenue & 34 th Street (Fixed Time)	4 Posts, 3F, 3S	LED
9. 16 th Street and Wenonah Avenue (Traffic Actuated)	4 Posts, 1F, 3S, 2W 2 Posts, 1F, 3S	Incandescent
10. 16 th Street Fire Station, between Clarence & East, (Emergency Vehicle Preemption)	1 Post, 2F, 3S 2F, 3S	LED

TOTAL NUMBER OF POSTS..... 65
TOTAL NUMBER OF INSTALLATIONS..... 10

SECTION IV
ROUTINE MAINTENANCE OF EXISTING STREET LIGHTING SYSTEMS

1. Locations:

- a. The following residential street lighting system locations shall be maintained as routine:
1. All residential street lighting systems in the area bound by 39th Street, Harlem Avenue, Ogden Avenue, and Lombard Avenue. (344 Poles)
 2. All residential street lighting systems in the area bound by Ogden Avenue, Harlem Avenue, 31st Street, and Lombard Avenue. (419 Poles)
 3. All residential street lighting systems in the area bound by 31st Street, Harlem Avenue, 26th Street, and Lombard Avenue. (316 Poles)
 4. All residential street lighting systems in the area bound by 26th Street, Harlem Avenue, Cermak Road, and Lombard Avenue. (270 Poles)
 5. All residential street lighting systems in the area bound by Cermak Road, Harlem Avenue, 16th Street, and Lombard Avenue. (355 Poles) There are 124 poles with LED fixtures that were installed in 2015. The LED fixtures are under warranty for labor and materials by the installer until 2018. The Contractor will only be responsible for maintaining the pole and wiring to these poles. The Contractor shall notify the Public Works Director if there is an issue with the LED fixture that is affecting the street lighting system in this area.
 6. All residential street lighting systems in the area bound by 16th Street, Harlem Avenue, Roosevelt Road, and Lombard Avenue. (401 Poles) There are 183 poles with LED fixtures that were installed in 2015. The LED fixtures are under warranty for labor and materials by the installer until 2018. The Contractor will only be responsible for maintaining the pole and wiring to these poles. The Contractor shall notify the Public Works Director if there is an issue with the LED fixture that is affecting the street lighting system in this area.

See City Map following Section V for residential area locations.

- b. The following arterial street lighting system locations shall be maintained as routine:
1. Harlem Avenue, from 39th Street to Roosevelt Road. (131 Poles)
 2. Oak Park Avenue, from Ogden Avenue to Cermak Road. (99 Poles with mid-mounts)
 3. Oak Park Avenue, from Cermak Road to Roosevelt Road. (97 Poles with mid-mounts)
 4. Ridgeland Avenue, from 26th Street to Ogden Avenue. (37 Poles)
 5. Ogden Avenue, from Harlem Avenue to Lombard Avenue. (144 Poles)

6. Windsor Avenue, from Harlem Avenue to Ridgeland Avenue. (46 Poles, 40 with mid-mounts)
7. Stanley Avenue, from Harlem Avenue to Ridgeland Avenue. (48 Poles, 36 with mid-mounts)
8. 26th Street, from Harlem Avenue to Lombard Avenue. (44 Poles)
9. Cermak Road, from Harlem Avenue to Lombard Avenue. (206 Poles)
10. Roosevelt Road, from Harlem Avenue to Lombard Avenue. (62 Poles with mid-mounts)

The Contractor is hereby advised that the arterial lights on Oak Park Avenue (between Cermak Road and Roosevelt Road) were installed in the spring of 2009; that the arterial lights on Roosevelt Road (between Harlem Avenue and Lombard Avenue) were installed in the spring of 2011; that the arterial lights on Cermak Road (between Harlem Avenue and Lombard Avenue) were installed in the summer of 2012; and that the arterial lights on Oak Park Avenue (between Ogden Avenue and Cermak Road) were installed in the spring of 2013.

See City Map following Section V for arterial area locations.

- c. The following railroad platform lighting system locations shall be maintained as routine:
 1. Burlington Northern Santa Fe Railroad platform lighting along Windsor Avenue and Stanley Avenue, between Harlem Avenue and Ridgeland Avenue (56 Poles).

(See City Map following Section V for railroad platform lighting locations.)

- d. The following underpass tunnel street lighting system locations shall be maintained as routine:

1. Underpass tunnel on Oak Park Avenue under Illinois Central Railroad (8 Each).
2. Underpass tunnel on Ridgeland Avenue under Illinois Central Railroad (8 Each).

(See City Map following Section V for tunnel lighting locations.)

2. Scope of Routine Work

The scope of routine work for the respective systems is listed as follows, and shall constitute the general responsibility to be assumed by the Contractor in carrying out the provisions in the Contract, for which no extra charge will be allowed.

- a. Replace any burned out lamps that are discovered or reported by the Owner no later than the Friday of the week in which they were reported. At the time of replacement of burned out, broken, or missing lamps, reflectors and glassware shall be cleaned.
- b. Notify the Owner when replacing any lamps that have been damaged by vandalism, by way of a monthly report sheet.

- c. Keep light standards, brackets, luminaires and foundations tight and in alignment at all times.
- d. Check handhole covers on posts to ascertain if in place and tight, and replace same if missing.
- e. Keep luminaires properly adjusted in relation to center line of pavement at all times to give correct distribution of light.
- f. Properly maintain the service pole and equipment mounted thereon, such as primary control switches and protective relays and all appurtenances thereto, at all times.
- g. Keep power distribution centers clean, reset breakers and take current readings at appropriate intervals, and dress or replace all switch contacts or contactors located in same, when necessary.
- h. Maintain proper fusing for the various lighting circuits and keep time clocks and photo-electric relay controls and ballasts in proper operating order at all times. This shall include resetting time clocks for the beginning and the end of daylight savings and any power outages.
- i. Keep all bolts on standards, fixtures and brackets tight and in proper position.
- j. Store stock materials such as poles and luminaires when requested to do so by the Director of Public Works.
- k. Replace all burned out or damaged lamps and replace all damaged luminaires whenever necessary, regardless of cause, and properly dispose of old lamps.
- l. Dispose of all damaged, defective, or worn equipment that cannot be rebuilt, reused, or has no salvage value to the Owner, and at no expense to the Owner. All equipment designated to be salvaged shall be delivered to the City's Public Works Department.
- m. Repair or replace any part or parts of the system, except lamps and luminaires (see "k" above), damaged from any cause whatsoever including vandalism, except damage due to vehicular accident, damage by a party engaged in construction on a public right-of-way, or extensive damage resulting from major disasters such as fire, floods, Acts of Public Enemy or any other cataclysmic event. "Cataclysmic Event" shall be defined as: An occurrence, caused exclusively by any of the irresistible forces of nature that is an unexpected, singular event without continued, persistent existence or that is irregularly predictable. The event must occur without the involvement of human causative action, and must not be preventable or capable of substantial limitation in its impact by application of human care, skill, or foresight. Cataclysmic events include earthquakes, floods, flash floods of surface water caused by heavy rains and runoff water, tornadoes, or other cataclysmic phenomena of nature. A flood, defined as water elevation in excess of the channel capacity of a river, stream, or other body of water is not a cataclysmic event, unless the flood water elevation exceeds the 100-year flood elevation as defined in the Contract. A power outage resulting from bad weather is not considered a "cataclysmic event", unless the bad weather itself is a "cataclysmic event", as described above.

3. Timing and Dial Setting for Time Clocks

The Contractor shall initiate and maintain a written record of all time clock settings. Whenever such a setting is changed, as authorized herein, the Contractor shall prepare a record of such changes in triplicate. One copy will be retained by the Contractor, one copy shall be kept in the control cabinet, and one copy delivered to the Director of Public Works.

The setting of any time clocks on any system which is covered by a flat Contract with a Utility Company shall be in accordance with the provisions of their service contract.

4. Method of Payment

At the first of each month, the Contractor shall submit statements in duplicate for work performed during the preceding month. Statements shall be sent to the Director of Public Works and the City's Consulting Engineer, Frank Novotny & Associates, Inc.

THESE STATEMENTS SHALL BE MADE FOR THE SYSTEM FOR THE REGULAR MAINTENANCE WORK PERFORMED UNDER THIS CONTRACT, AND AT ALL UNIT PRICES STATED IN THE SCHEDULE OF PRICES, AND THE ITEMS SHALL BE LISTED IN THE ORDER CONTAINED IN THE SCHEDULE OF PRICES. IN ADDITION, A LISTING OF ANY ADDITIONAL LABOR, EQUIPMENT, OR MATERIALS USED WHICH ARE NOT COVERED BY PAY ITEMS IN THE CONTRACT SHALL BE INCLUDED FOR THE ENTIRE MONTH.

Billing for the cost of maintenance operations shown on statements shall be for full month periods only, and shall not be prorated for shorter periods. Work performed on new installations completed and activated during the first half of the month shall be billed to cover the entire month; moreover, work performed on new installations completed and activated during the latter half of the month shall not be billed on the current statement, and payment shall begin the following month. Equipment that has been inactivated or eliminated during the latter half of a month shall be billed for the full month; however, equipment that has been inactivated or eliminated during the first half shall not be included.

5. Basis of Payment

a. Payment for routine items "a" through "m", as specified in the "Scope of Routine Work", shall be paid for at the Contract unit price per Each/Month for **ROUTINE MAINTENANCE OF EXISTING RESIDENTIAL STREET LIGHT STANDARDS; ROUTINE MAINTENANCE OF EXISTING ARTERIAL STREET LIGHT STANDARDS; ROUTINE MAINTENANCE OF EXISTING RAILROAD PLATFORM LIGHT STANDARDS; and ROUTINE MAINTENANCE OF EXISTING TUNNEL LIGHT STANDARDS**, which price will be payment in full for the work outlined hereinabove, and shall include up to two (2) "No Trouble Found" call outs per month, and each "No Trouble Found" call outs beyond two (2) per month.

b. Payment for "extra work", as specified in Section IV, 6b, shall be paid for as "Extra Work" (see Section IV, 6c).

6. Extra Work

a. General:

The Director of Public Works may authorize the Contractor to perform extra work and furnish the necessary materials and parts. However, the Owner reserves the right to advertise for competitive bids to affect changes on any system. Authorization for extra work shall be given by the Director of Public Works in writing, and when so authorized shall be performed by force account. CLAIMS FOR EXTRA WORK WHICH HAVE NOT BEEN AUTHORIZED BY THE DIRECTOR OF PUBLIC WORKS SHALL BE REJECTED.

The Contractor shall furnish to the Director of Public Works itemized statements in duplicate of the cost of all force account work which shall include a true copy of the payroll and the original receipted bills for the materials used and any freight charges paid on same.

A foreman shall not be employed unless there are more than three men employed at any one time and place, and then only with the consent of the Director of Public Works. Where materials are not specifically purchased for use on extra work but are taken from the Contractor's stock, the Contractor may submit an affidavit of the quality, price and any freight on such materials in lieu of certified copies of original bills and invoices. This affidavit must be approved by the Director of Public Works.

b. The scope of extra work for street lighting systems is as follows:

1. Clear and replace damage to system due to vehicular accident.
2. Clear and replace damage to system due to party engaged in construction on a public right-of-way.
3. Clear and replace damage to system due to fire, floods, Acts of Public Enemy, or any other cataclysmic event, as defined in Section IV, 2m.
4. Remove existing signage from existing light poles and reinstall on new light poles where necessary.
5. Install and remove temporary lighting required for 1, 2, and 3, above.
6. Furnish cable location services when requested by the Director of Public Works for other contractors working in the City's right-of-ways.

c. All extra work done by Force Account will be paid for in the following manner:

1. Method of Computing Time: Rates for labor and equipment furnished by the Contractor shall be based on the time the man and equipment leave the shop or leave another job and for the actual time engaged in the work. If the work as ordered by the Director of Public Works does not take a full day, the time for returning to the shop shall be included in the total time figures for payment. However, if the labor and equipment moves to another job, the time moving to the other job shall not be included. The time the Contractor spends in moving from one location to another location within the City of Berwyn will be included.
2. Labor: For skilled and unskilled labor, the Contractor will be paid the Contract unit price per hour for "ELECTRICIAN", computed as outlined in "Method of Computing Time" above, and as set forth in the "Proposal" section, "Schedule of Prices", which rates shall include: (1) Workman's Compensation Insurance, (2)

Liability Insurance, (3) Federal and State Unemployment Tax, (4) Federal Old Age Annuity Tax, (5) Health and Welfare Trust Fund, (6) Vacation Fund, (7) Overhead, and (8) Profit. When service calls require the Contractor to perform work outside of normal business hours (7:00 a.m. to 5:00 p.m.), and when approved by the Director of Public Works, the Contractor will be paid 1.5 times the Contract unit price per hour for "ELECTRICIAN", for skilled and unskilled labor. Overtime will only be considered for approval when the Contractor actually pays the employees at the overtime rate. Double time will not be considered. If it is necessary for the Contractor to employ the services of any other class of skilled, semi-skilled, or unskilled, other than those listed in the "Schedule of Prices", the Contractor shall receive the current local rate of wage for each hour that said labor or foreman are actually engaged in such work computed as outlined under "Method of Computing Time" above mentioned, to which cost shall be added fifteen percent of the sum thereof. The Contractor may also receive the net cost of: (1) Workman's Compensation Insurance, (2) Liability Insurance, (3) Federal and State Unemployment Tax, (4) Federal Old Age Annuity Tax, (5) Health and Welfare Trust Funds, and (6) Vacation Fund.

3. **Materials:** The Contractor shall receive the actual cost of materials furnished by him, which are an integral part of the finished work, to which 15% shall be added. The Contractor shall provide copies of all paid material invoices when requested by the Director of Public Works.
4. **Equipment:** For the equipment listed in the "Schedule of Prices" the Contractor will receive the hourly equipment rental rate for the actual number of hours the equipment is used on the work, computed as outlined herein, at the Contract unit price per hour for SERVICE TRUCK; TOWER AND BUCKET TRUCK; BACKHOE; and, AIR COMPRESSOR, which hourly rate shall include depreciation, insurance repairs, and operating costs.

If it is necessary for the Contractor to use equipment not included in the "Schedule of Prices", the Contractor shall receive a reasonable ownership expense cost, computed in accordance with the current "Equipment Watch Rental Rate Blue Book", as approved and adopted by the Illinois Department of Transportation, and subsequent revisions and additions for the period that said machinery and equipment is in use on the work, to which no percent will be added. Operating costs of such equipment will be paid for at the cost computed as outlined herein. Prior to the use of any unlisted equipment, the Contractor shall establish ownership and operating costs of the equipment and submit them to the Director of Public Works for approval.

SECTION V – RELAMPING OF EXISTING STREET LIGHTING SYSTEMS

1. Locations:

The following areas are to be relamped at the time specified, or as directed by the Owner:

<u>Location</u>	<u>Relamping Date</u>
a. All residential street lighting systems in the area bound by 31 st Street, Harlem Avenue, 26 th Street, and Lombard Avenue. (316 Poles)	Summer, 2018
b. All residential street lighting systems in the area bound by 16 th Street, Harlem Avenue, Roosevelt Road, and Lombard Avenue. Only the 218 poles with HPS lamps will be relamped.	Summer, 2018
c. All arterial street lights on Harlem Avenue, from 39 th Street to Roosevelt Road. (131 Poles)	Summer, 2018
d. All arterial street lights on Oak Park Avenue, from Ogden Avenue to Roosevelt Road. (196 Poles with mid-mounts)	Summer, 2018

(See Arterial Lighting Summary and Residential Lighting Summary for lamp type, lamp wattage and other information.)

2. Materials:

All high pressure sodium vapor, mercury vapor, and metal halide lamps used for relamping shall be of equal or better quality of the existing lamps being replaced.

a. Lamps:

1. High Pressure Sodium Vapor Lamps

High pressure sodium lamps shall conform to ANSI standards, as applicable.

Unless otherwise indicated, the lamps shall be of the clear type and shall have a color of 2050 to 2100 degrees Kelvin.

At half of the average rated lamp life, the mean output lumens shall not be less than 90% of initial lumen output.

High pressure sodium lamps shall be suitable for any burning position.

Unless otherwise indicated lamp operating voltage shall be 100 volts.

High pressure sodium lamps shall meet or exceed the characteristics indicated in the Table below:

Lamp Wattage (Watts)	Rated Life (Hours)	Initial Lumen Output (Lumens)
35	16,000	2,250
50	24,000	4,000
70	24,000	5,800
100	24,000	9,500
150	24,000	15,000
200	24,000	22,000
250	24,000	27,500
310	24,000	37,000
400	24,000	50,000
750	16,000	110,000
1000	24,000	140,000

2. Metal Halide Lamps

Metal halide lamps shall conform to ANSI standards.

Unless otherwise indicated, the lamps shall be of the clear type and shall have a color of 2050 to 2100 degrees Kelvin.

At 40% of the average rated lamp life, the mean lumens shall not be less than 80% of initial lumen output.

Lamps shall be suitable for the burning position orientation of the luminaires for which they are supplied.

Metal halide lamps shall meet or exceed the characteristics indicated in the Table below:

Lamp Wattage (Watts)	Rated Life (Hours)	Initial Lumen Output (Lumens)
175 Vertical	10,000	16,000
175 Horizontal	6,000	12,000
250	10,000	20,500
400	20,000	40,000
1000 Vertical	12,000	110,000
1000 Horizontal	12,000	107,800

3. Mercury Vapor Lamps

Mercury vapor lamps shall be designed to burn in any position and shall have an approximate rated life of 24,000 hours at ten (10) hours burning time per start and shall come to rated candle power in not over four (4) minutes after starting.

4. Manufacturer

The Contractor shall specify the manufacturer of the lamps he proposes to furnish in the space provided in the "Schedule of Prices" in the Proposal.

3. Basis of Payment:

This work will be paid for at the Contract unit price per each for **RELAMP RESIDENTIAL LIGHTING STANDARD** and **RELAMP ARTERIAL LIGHTING STANDARD**, of the lamp type specified in the "Schedule of Prices", which price shall include the proper disposal of the existing lamp and all work specified herein.

4. Arterial Lighting Summary:

Street	Limits	Lamp Type	Watts	Number of Lights	Description
Roosevelt Road	Harlem to Lombard	Roadway-Metal Halide	250	62	30' Aluminum Poles
		Pedestrian-Metal Halide	70	62	15' Mid-Mount
Cermak Road	Harlem to Lombard	Roadway-HPS	400	41	Dual
		Roadway-HPS	400	39	Single
		Pedestrian-Metal Halide	50 & 175	126	13'4" Decorative
26th Street	Harlem to Lombard	Roadway-HPS	200	10	30' Steel Poles
			*	34	Old RSL Style
Stanley	Harlem to Ridgeland	Roadway-HPS	250	48	30' Concrete Poles
		Pedestrian-HPS	50	36	15' Mid-Mount
Windsor	Harlem to Ridgeland	Roadway-HPS	400	17	30' Concrete Poles
		Roadway-HPS	250	29	30' Concrete Poles
		Pedestrian-HPS	50	40	15' Mid-Mount
Ogden Ave.	Harlem to Lombard	Roadway-HPS	400	35	30' Concrete Poles
		Roadway-HPS	250	45	30' Concrete Poles
		Pedestrian-Metal Halide	250	64	20' Pole, 15' Mounting Height, Decorative Lights
Harlem Ave.	Pershing to Cermak	Roadway-MV	400	103	30' Steel Poles
	Cermak to Roosevelt	Roadway-HPS	400	11	37' Aluminum Poles
	Cermak to Roosevelt	Roadway-HPS	310	17	37' Aluminum Poles
Oak Park Ave.	Ogden to 34th St.	Roadway-HPS	100	10	31' Concrete Poles
		Roadway-HPS	150	4	31' Concrete Poles
		Roadway-HPS	250	2	31' Concrete Poles
	34 th St. to 31 st St.	Pedestrian-HPS	50	16	15' Mid-Mount
		Roadway-HPS	400	17	30' Concrete Poles
		Pedestrian-HPS	50	17	15' Mid-Mount
	31 st St. to 28 th St.	Roadway-HPS	100	12	31' Concrete Poles
		Roadway-HPS	150	3	31' Concrete Poles
		Pedestrian-HPS	50	15	15' Mid-Mount
	28 th St. to Cermak	Roadway-HPS	100	41	31' Concrete Poles
		Roadway-HPS	150	4	31' Concrete Poles
		Roadway-HPS	250	6	31' Concrete Poles
		Pedestrian-HPS	50	51	15' Mid-Mount
	Cermak to Roosevelt	Roadway-HPS	100	97	33' Concrete Poles
		Pedestrian-HPS	50	97	15' Mid-Mount

Ridgeland Ave. Ogden to BNSF	Roadway-Varies	*	13	Old RSL
BNSF to 26th St.	Roadway-HPS	400	1	30' Concrete Poles
BNSF to 26th St.	Roadway-HPS	310	2	30' Concrete Poles
BNSF to 26th St.	Roadway-HPS	250	21	30' Concrete Poles

Total Arterial Street Light Standards.....914

* Varies: Either 175 Watt or 250 Watt Mercury Vapor, or 220 Watt High Pressure Sodium.

5. Residential Lighting Summary:

Street	Limits	Lamp Type	Watts	Number of Lights	Description
Residential Streets	All Locations South of 16 th St.	Roadway-HPS Vapor	150	1704	18' Decorative Concrete Poles
	Various Locations North of 16 th St.	Roadway-HPS Vapor	150	94	18' Decorative Concrete Poles
	Various Locations North of 16 th St.	Roadway-LED	48	307	18' Decorative Concrete Poles
Total Residential Street Light Standards.....					2105

6. Railroad Platform Lighting Summary:

Street	Limits	Lamp Type	Watts	Number of Lights	Description
Stanley Ave.	Harlem to Wisconsin	*	*	7	12' Aluminum Poles
	Kenilworth to Grove	MH	175	11	12' Aluminum Shepherd's Crook Poles
	Grove to Oak Park	MH	175	10	12' Aluminum Shepherd's Crook Poles
Windsor Rd.	Harlem to Wenonah	*	*	8	12' Aluminum Poles
	Grove to Oak Park	MH	175	10	12' Aluminum Shepherd's Crook Poles
	Oak Park to Wesley	MH	175	10	12' Aluminum Shepherd's Crook Poles
Total Railroad Platform Light Standards.....					56

* Mixture of 150 High Pressure Sodium and 175 Mercury Vapor

7. Underpass Tunnel Lighting Summary:

Street	Limits	Lamp Type	Watts	Number of Lights	Description
Oak Park Ave.	At IC Railroad	HPS	50	6	Pedestrian Lights
	At IC Railroad	HPS	70	2	Pedestrian Lights
Ridgeland Ave.	At IC Railroad	HPS	150	6	Pedestrian Lights
	At IC Railroad	HPS	150	2	Roadway Lights
Total Underpass Tunnel Light Standards.....					16

SPECIAL PROVISION

TRAFFIC CONTROL AND PROTECTION

Description: Traffic Control shall be in accordance with the applicable section of the Standard Specifications, the Supplemental Specifications, the "Illinois Manual on Uniform Traffic Devices for Streets and Highways", and special details and Highway Standards contained in the Plans and Special Provisions contained herein.

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

The Contractor shall contact the District One Bureau of Traffic at least seventy-two (72) hours in advance of beginning work.

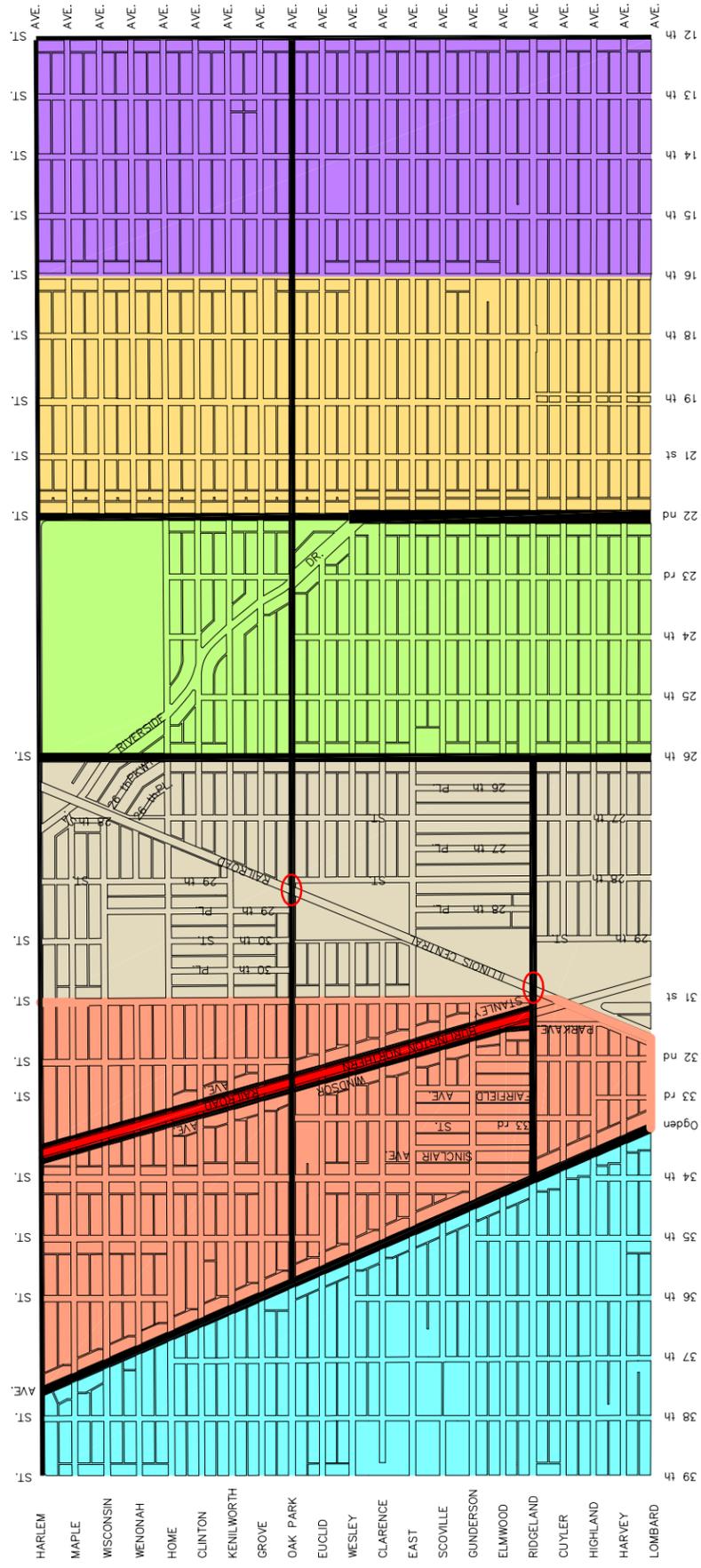
<u>STANDARDS:</u>	701501-06
	701601-09
	701606-10
	701701-10
	701801-06
	701901-05

<u>SPECIAL PROVISIONS:</u>	Reflective Sheeting on Channelization Devices
	Maintenance of Roadways
	Personal Protective Equipment

CITY OF BERWYN, ILLINOIS

2016 MFT MAINTENANCE

ROUTINE STREET LIGHT MAINTENANCE



LOCATION MAP

FOR UNDERGROUND UTILITY LOCATIONS



- = ROUTINE RESIDENTIAL STREET LIGHT MAINTENANCE AREA (344 POLES)
- = ROUTINE RESIDENTIAL STREET LIGHT MAINTENANCE AREA (419 POLES)
- = ROUTINE RESIDENTIAL STREET LIGHT MAINTENANCE AREA (316 POLES)
- = ROUTINE RESIDENTIAL STREET LIGHT MAINTENANCE AREA (270 POLES)
- = ROUTINE RESIDENTIAL STREET LIGHT MAINTENANCE AREA (355 POLES)
- = ROUTINE RESIDENTIAL STREET LIGHT MAINTENANCE AREA (401 POLES)
- = ROUTINE ARTERIAL STREET LIGHT MAINTENANCE AREA (871 POLES)
- = ROUTINE RAILROAD PLATFORM LIGHTING MAINTENANCE AREA (56 POLES)
- = ROUTINE TUNNEL STREET LIGHT MAINTENANCE AREA (14 UNITS)



FRANK NOVOTNY AND ASSOCIATES, INC.
CONSULTING CIVIL ENGINEERS

825 MIDWAY DRIVE • WILLOWBROOK • ILLINOIS • 60521 • 630-887-8640

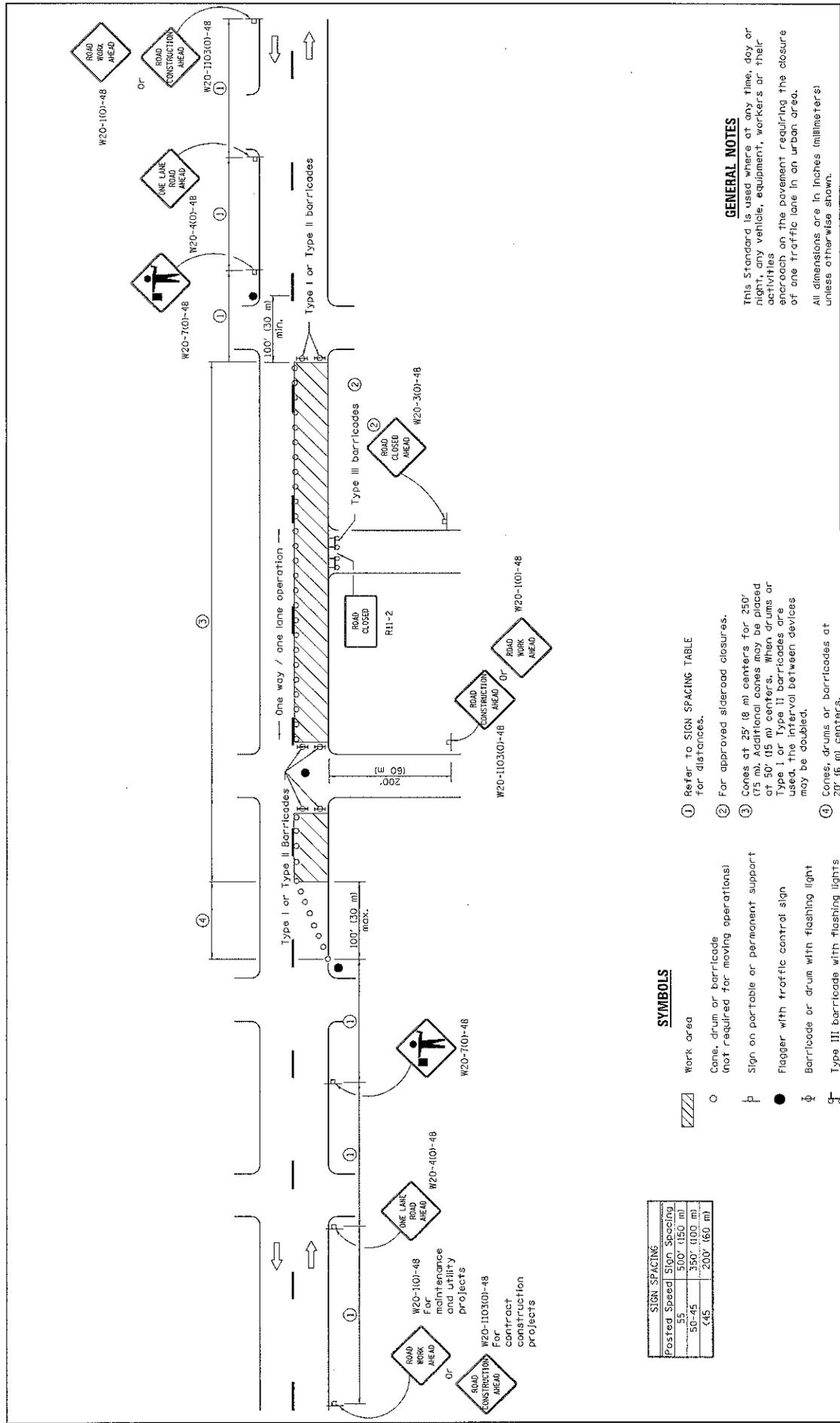
CITY OF BERWYN
2016 MFT MAINTENANCE
TRAFFIC SIGNAL & STREET LIGHT MAINTENANCE

PROJECT

NO.		DATE		BY		DATE	

- ROUTINE LIGHTING MAINTENANCE:
- RESIDENTIAL MAINTENANCE AREAS
 - ARTERIAL MAINTENANCE AREAS
 - RAILROAD PLATFORM MAINTENANCE AREAS
 - TUNNEL MAINTENANCE AREAS

PROJECT NO. 15232	SCALE NONE	SHEET 1
DRAWN/DESIGNED TRB/TRB	DATE NOV., 2015	OF 1
CHECKED/APPROVED JEF/TRB	FIELD BOOK NO. -	SHEETS 1



SIGN SPACING	
Posted Speed	Sign Spacing
35	500' (150 m)
45	300' (100 m)
55	200' (60 m)

SYMBOLS

- Work area
- Cone, drum or barricade (not required for moving operations)
- Sign on portable or permanent support
- Flagger with traffic control sign
- Barricade or drum with flashing light
- Type III barricade with flashing lights

① Refer to SIGN SPACING TABLE for distances.

② For approved sideroad closures.

③ Cones at 25' (8 m) centers for 250' (75 m). Additional cones may be placed at 50' (15 m) centers. When drums or Type I or Type II barricades are used, the interval between devices may be doubled.

④ Cones, drums or barricades at 20' (6 m) centers.

GENERAL NOTES

This Standard is used where at any time, day or night, any vehicle, equipment, workers or their activities encroach on the pavement requiring the closure of one traffic lane in an urban area.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

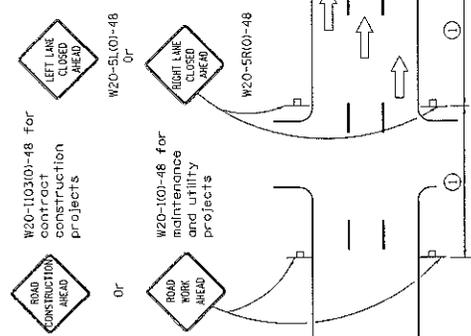
APPROVED: *[Signature]* January 1, 2011
 ENGINEER OF SAFETY ENGINEERING

ISSUED: 1-1-97

DATE	REVISIONS
1-1-11	Revised flagger sign.
1-1-09	Switched units to English (metric).
	Corrected sign No.'s.

**URBAN LANE CLOSURE,
2L, 2W, UNDIVIDED**

STANDARD 701501-06



W20-10310(-)48 for contract construction projects

W20-510(-)48 or

W20-101(-)48 for maintenance and utility projects

W20-510(-)48 or

W21-101(-)48

W20-510(-)48

W20-710(-)48

Posted Speed	Sign Spacing
55	500' (150 m)
50-45	350' (100 m)
<45	200' (60 m)

SYMBOLS

- ↑ Arrow board
- Cone, drum or barricade
- ⊥ Sign on portable or permanent support
- ▨ Work area
- ⊕ Barricade or drum with flashing light
- ⊕ Type III barricade with flashing lights
- Flagger with traffic control sign.

REFER TO SIGN SPACING TABLE

- 1 Refer to SIGN SPACING TABLE for distances.
- 2 Required for speeds > 40 MPH
- 3 Cones at 25' (8 m) centers for 250' (75 m). Additional cones may be placed at 50' (15 m) centers. When drums or Type I or Type II barricades are used, the interval between devices may be doubled.
- 4 Use flagger sign only when flagger is present.
- 5 For approved sideroad closures.
- 6 Cones, drums or barricades at 20' (6 m) in taper.

GENERAL NOTES

This Standard is used where at any time, day or night, any vehicle, equipment, workers or their activities encroach on the pavement during shoulder operations or where construction requires lane closures in urban areas.

Calculate L as follows:

SPEED LIMIT	FORMULAS
English	(Metric)
40 mph (70 km/h)	$L = \frac{WS^2}{150}$
or less:	$L = 150$
45 mph (80 km/h)	$L = WS$
or greater:	$L = 0.65(WS)$

W = Width of offset in feet (meters).
 S = Normal posted speed mph (km/h).

All dimensions are in inches (millimeters) unless otherwise shown.

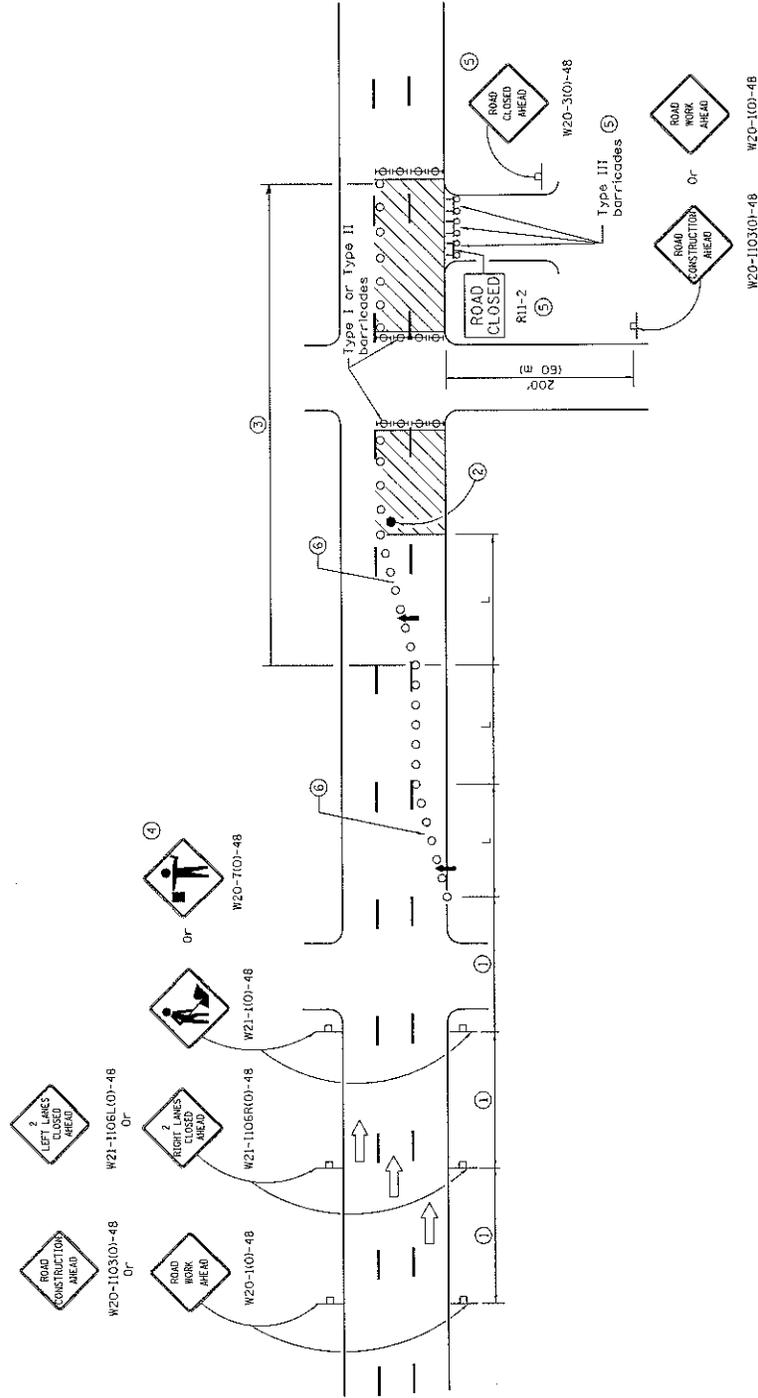
DATE	REVISIONS
1-1-14	Revised worker's sign number to agree with current MUTCD.
1-1-13	Omitted text 'WORKERS' sign.

URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
 STANDARD 701601-09
 (Sheet 1 of 2)

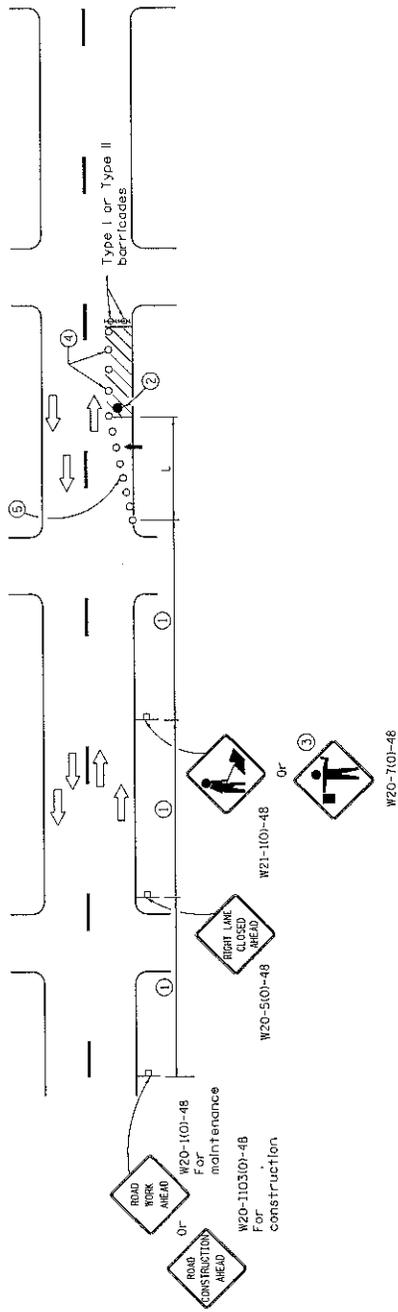
Illinois Department of Transportation
 APPROVED: [Signature] 2014
 ENGINEER OF SAFETY ENGINEERING
 APPROVED: [Signature] 2014
 ENGINEER OF DESIGN AND ENVIRONMENT
 ISSUED 1-1-97

**URBAN LANE CLOSURE,
MULTILANE, 1W OR 2W WITH
NONTRAVERSABLE MEDIAN**
(Sheet 2 of 2)

STANDARD 701601-09



	ISSUED	1-1-97
	APPROVED	2014
	ENGINEER OF SAFETY ENGINEERING	
	APPROVED	2014
ENGINEER OF DESIGN AND ENVIRONMENT		



POSTED SPEED	SIGN SPACING
50-45	350' (100 m)
<45	200' (60 m)

SYMBOLS

- ↑ Arrow board
- Cone, drum or barricade
- ⊥ Sign on portable or permanent support
- ▨ Work area
- ⊕ Barricade or drum with flashing light
- Flagger with traffic control sign.

GENERAL NOTES

This Standard is used where at any time, day or night, any vehicle, equipment, workers or their activities encroach on the pavement requiring the closure of one traffic lane in an Urban area.

Calculate L as follows:

SPEED LIMIT	FORMULAS
40 mph (70 km/h) or less:	English (Metric)
	$L = \frac{WS^2}{60}$ $L = \frac{WS^2}{150}$
45 mph (80 km/h) or greater:	$L = (W)(S)$ $L = 0.65(W)(S)$

W = Width of offset
In feet (meters).

S = Normal posted speed
mph (km/h).

All dimensions are in inches (millimeters) unless otherwise shown.

TABLE FOR SIGN SPACING

- 1 Refer to SIGN SPACING TABLE for distances.
- 2 Required for speeds > 40 mph.
- 3 Use flagger sign only when flagger is present.
- 4 Cones at 25' (8 m) centers for 250' (75 m). Additional cones may be placed at 50' (15 m) centers. When drums or Type I or Type II barricades are used, the interval between devices may be doubled.
- 5 Cones, drums or barricades at 20' (6 m) centers in taper.

DATE	REVISIONS
1-1-15	Renamed standard. Moved case on Sheet 2 to new Highway Standard.
1-1-14	Revised worker's sign number to agree with current MUTCD.

URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIUM

STANDARD 701606-10

Illinois Department of Transportation

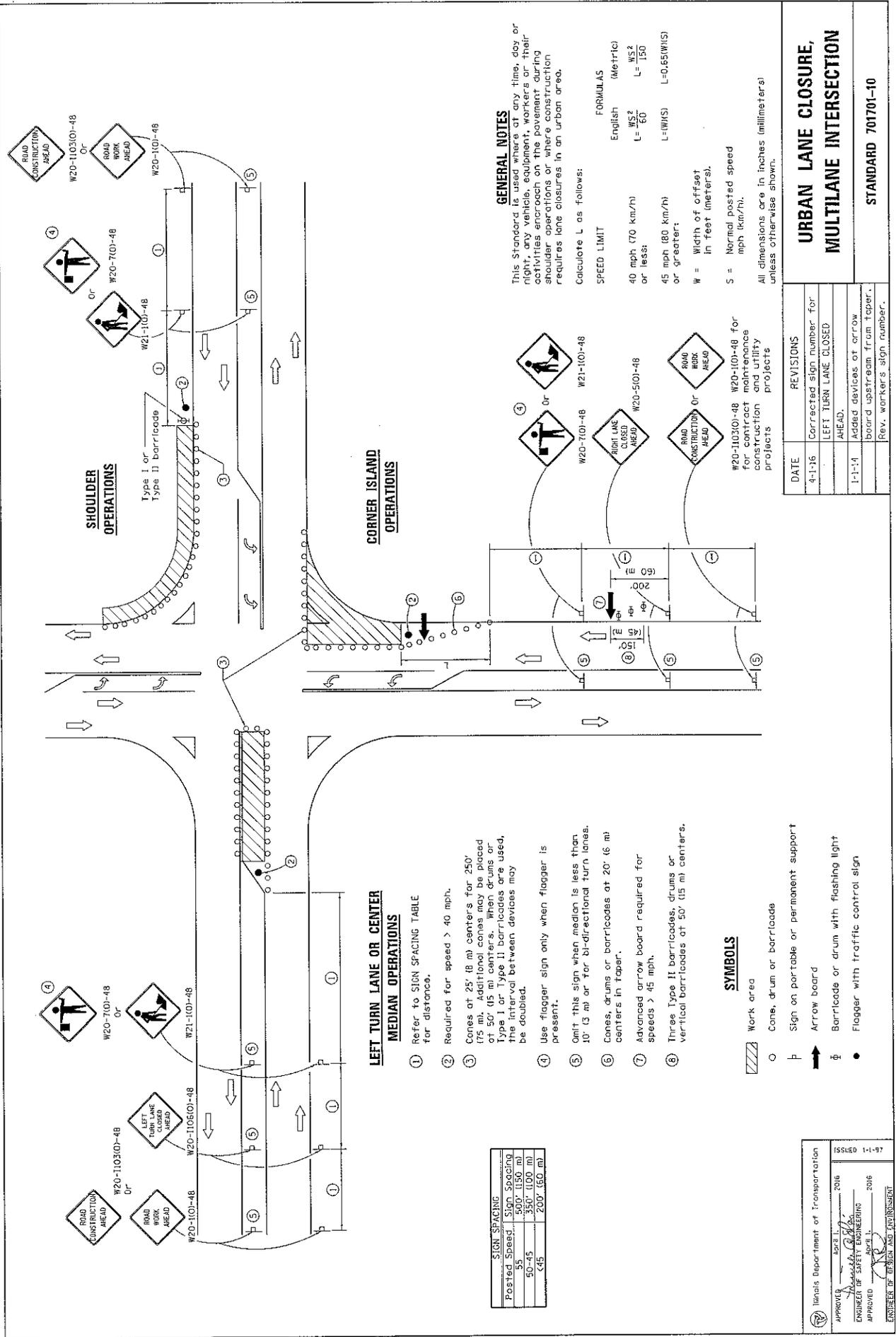
APPROVED: [Signature] January 1, 2015

ENGINEER OF SAFETY ENGINEERING

APPROVED: [Signature] January 1, 2015

ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97



SIGN SPACING	
Posted Speed	1500 (300 m)
55	500 (100 m)
50-45	350 (100 m)
<45	200 (50 m)

LEFT TURN LANE OR CENTER MEDIAN OPERATIONS

- 1 Refer to SIGN SPACING TABLE for distance.
- 2 Required for speed > 40 mph.
- 3 Cones at 25' (8 m) centers for 250' (75 m). Additional cones may be placed at 50' (15 m) centers. When drums or Type I or Type II barricades are used, the interval between devices may be doubled.
- 4 Use flagger sign only when flagger is present.
- 5 Omit this sign when median is less than 10' (3 m) or for bi-directional turn lanes.
- 6 Cones, drums or barricades at 20' (6 m) centers in taper.
- 7 Advanced arrow board required for speeds > 45 mph.
- 8 Three Type II barricades, drums or vertical barricades at 50' (15 m) centers.

SYMBOLS

- ▨ Work area
- Cone, drum or barricade
- ⊥ Sign on portable or permanent support
- ➔ Arrow board
- ⚡ Barricade or drum with flashing light
- Flagger with traffic control sign

GENERAL NOTES

This Standard is used where at any time, day or night, any vehicle, equipment, workers or their activities encroach on the pavement during shoulder operations or where construction requires lane closures in an urban area.

Calculate L as follows:

FORMULAS	
English	(Metric)
$L = \frac{WS^2}{150}$	$L = \frac{WS^2}{150}$
40 mph (70 km/h) or less:	$L = (W)(S)$
45 mph (80 km/h) or greater:	$L = 0.65(W)(S)$

W = Width of offset in feet (meters),
 S = Normal posted speed in mph (km/h).

All dimensions are in inches (millimeters) unless otherwise shown.

URBAN LANE CLOSURE, MULTILANE INTERSECTION

STANDARD 701701-10

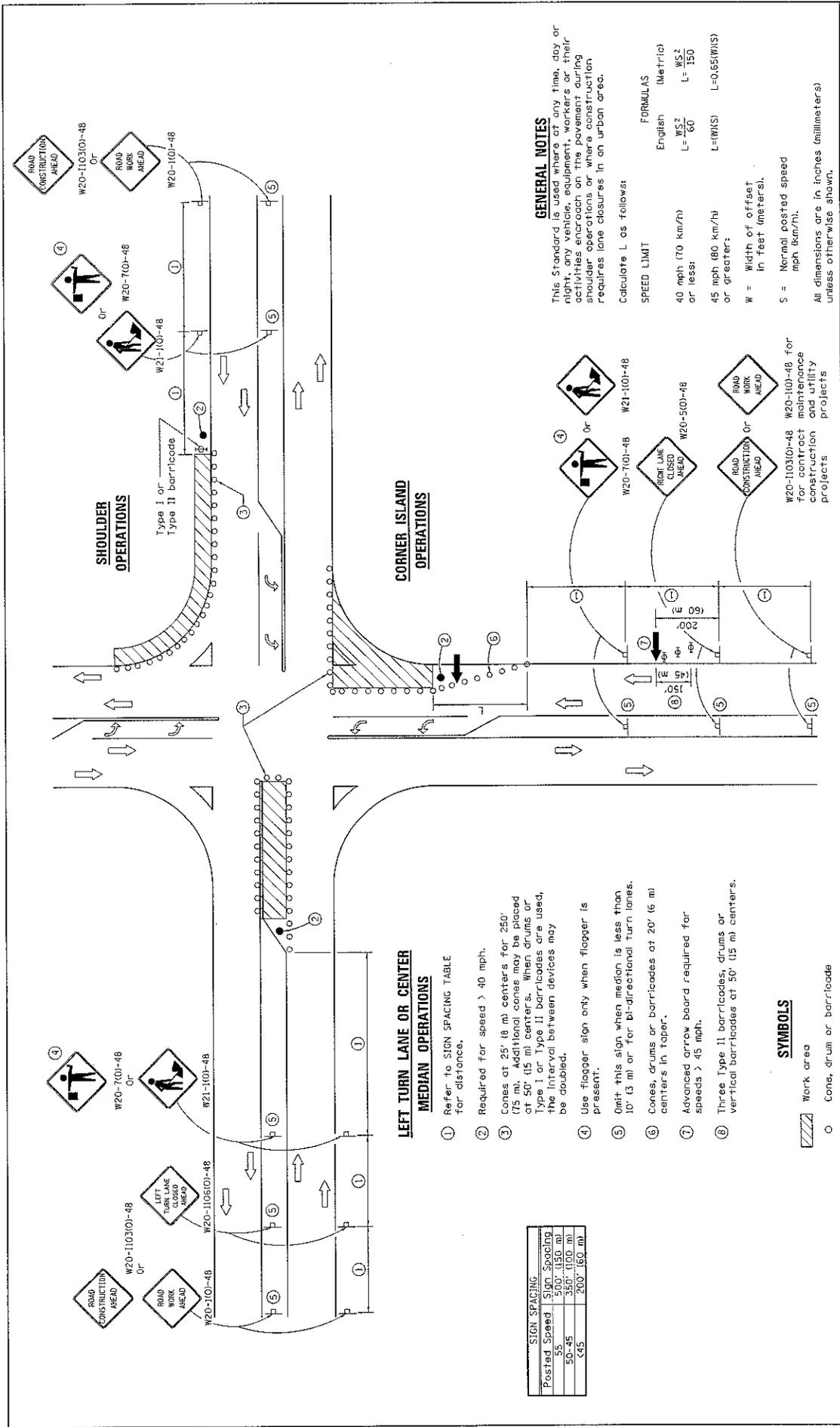
DATE	REVISIONS
4-1-16	Corrected sign number for LEFT TURN LANE CLOSED AHEAD.
1-1-14	Added devices of arrow board upstream from taper. (Rev. worker's sign number.)

Illinois Department of Transportation

APPROVED: *[Signature]* 2016
 ENGINEER OF SAFETY ENGINEERING

ISSUED: 1-1-97

APPROVED: *[Signature]* 2016
 ENGINEER OF DESIGN AND ENVIRONMENT



Posted Speed	Sign Spacing
55	500' (150 m)
50-45	350' (100 m)
<45	200' (60 m)

LEFT TURN LANE OR CENTER MEDIAN OPERATIONS

- Refer to SIGN SPACING TABLE for distance.
- Required for speed > 40 mph.
- Cones at 25' (8 m) centers for 250' (75 m). Additional cones may be placed at 50' (15 m) centers. When drums or Type I or Type II barricades are used, the interval between devices may be doubled.
- Use flagger sign only when flagger is present.
- Quit this sign when median is less than 10' (3 m) or for bi-directional turn lanes.
- Cones, drums or barricades at 20' (6 m) centers in taper.
- Advanced arrow board required for speeds > 45 mph.
- Three Type II barricades, drums or vertical barricades at 50' (15 m) centers.

SYMBOLS

- Work area
- Cone, drum or barricade
- Sign on portable or permanent support
- Arrow board
- Barricade or drum with flashing light
- Flagger with traffic control sign

GENERAL NOTES

This Standard is used where at any time, day or night, any vehicle, equipment, workers or their activities encroach on the pavement during shoulder operations or where construction requires lane closures in an urban area.

Calculate L as follows:

SPEED LIMIT

- 40 mph (70 km/h) or less: $L = \frac{WS^2}{60}$
- 45 mph (80 km/h) or greater: $L = 0.65(W/S)$

FORMULAS

- English: $L = \frac{WS^2}{60}$
- Metric: $L = \frac{WS^2}{150}$
- English: $L = 0.65(W/S)$
- Metric: $L = 0.65(W/S)$

W = Width of offset in feet (meters).

S = Normal posted speed in mph (km/h).

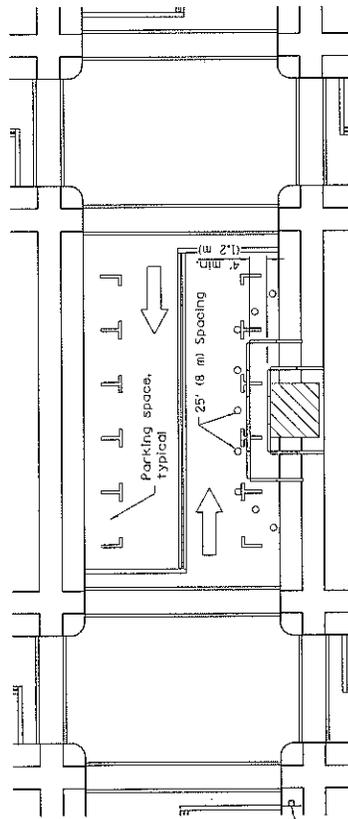
All dimensions are in inches (millimeters) unless otherwise shown.

URBAN LANE CLOSURE, MULTILANE INTERSECTION	
DATE	REVISIONS
4-1-15	Corrected sign number for LEFT TURN LANE CLOSED AHEAD.
1-1-14	Added devices at arrow board upstream from taper. Rev. workers sign number.

Illinois Department of Transportation
 APPROVED: [Signature] APR 3, 2016
 ENGINEER OF SAFETY ENGINEERING
 APPROVED: [Signature] APR 1, 2016
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

① Omit whenever duplicated by road work traffic control.

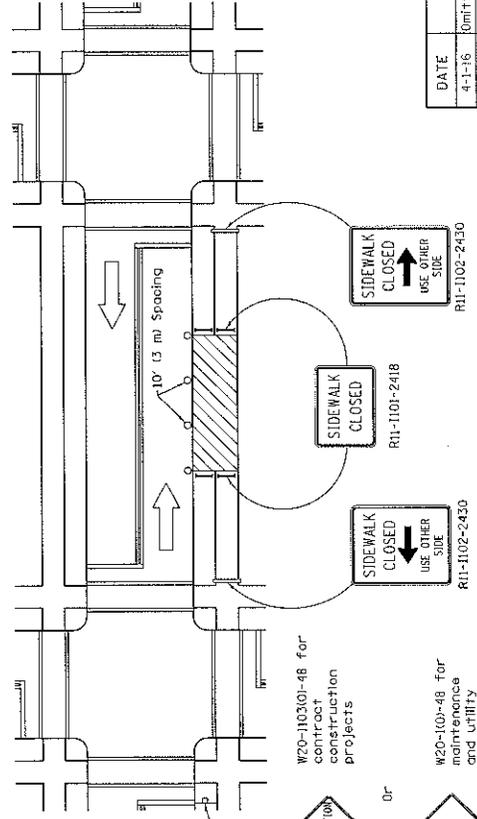


① W20-11030-48 for contract construction projects

or

① W20-1101-48 for maintenance and utility projects

SIDEWALK DIVERSION



① W20-11030-48 for contract construction projects

or

① W20-1101-48 for maintenance and utility projects

SIDEWALK CLOSURE

SYMBOLS

- Work area
- Sign on portable or permanent support
- Barricade or drum
- Cone, drum or barricade
- Type III barricade
- Detectable pedestrian channelizing barricade

GENERAL NOTES

This Standard is used where, at any time, pedestrian traffic must be rerouted due to work being performed.

This Standard must be used in conjunction with other Traffic Control & Protection Standards when roadway traffic is affected.

Temporary facilities shall be detectable and accessible.

The temporary pedestrian facilities shall be provided on the same side of the closed facilities whenever possible.

The SIDEWALK CLOSED / USE OTHER SIDE sign shall be placed at the nearest crosswalk or intersection to each end of the closure. Where the closure occurs at a corner, the signs shall be erected on the corners across the street from the closure. The SIDEWALK CLOSED signs shall be used at the ends of the actual closures.

Type III barricades and R11-2-4830 signs shall be positioned as shown in "ROAD CLOSED TO ALL TRAFFIC" detail on Standard 70190L.

All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
4-1-16	Admitted orange safety fence from standard as this is covered in the std. spec.
1-1-12	Added SIDEWALK DIVERSION. Modified appearance of plan views. Renamed Std.

SIDEWALK, CORNER OR CROSSWALK CLOSURE

(Sheet 1 of 2)

STANDARD 701801-06

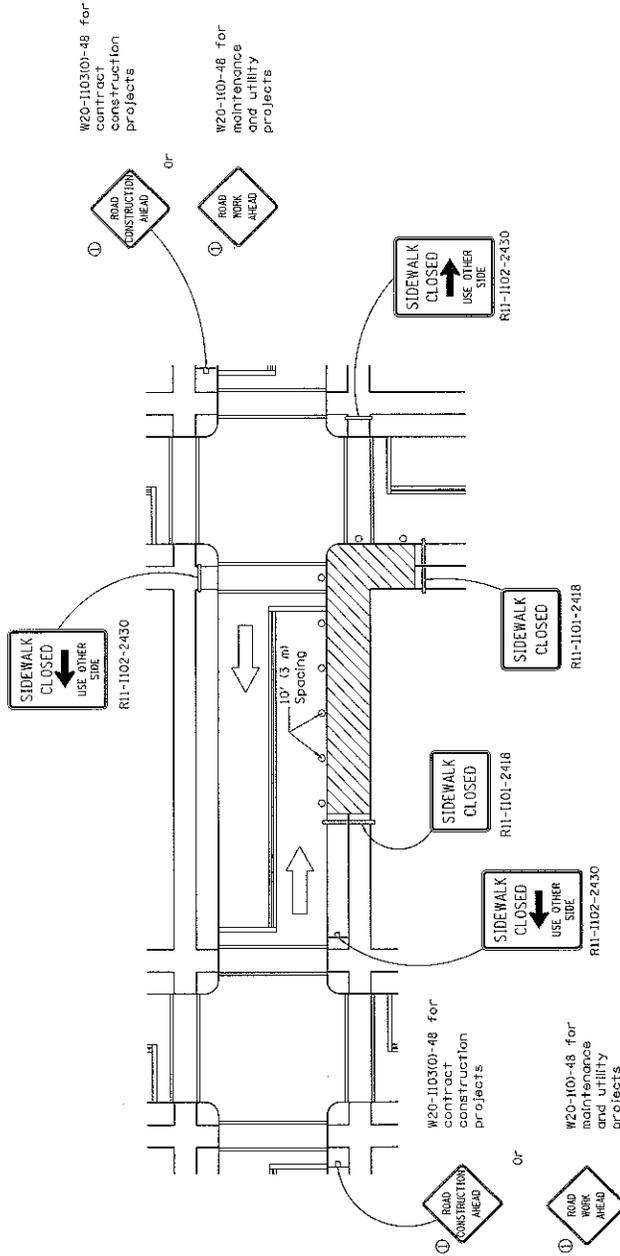
Illinois Department of Transportation
 APRIL 1, 2016
 APPROVED: 2016
 ENGINEER OF SURVEYING
 APPROVED: 2016
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

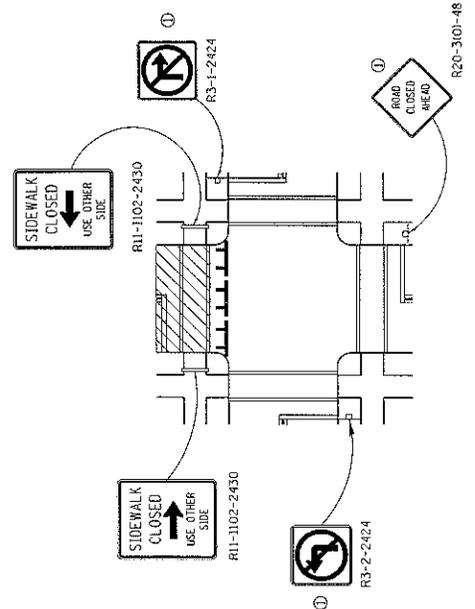
**SIDEWALK, CORNER OR
CROSSWALK CLOSURE**

(Sheet 2 of 2)

STANDARD 701801-06

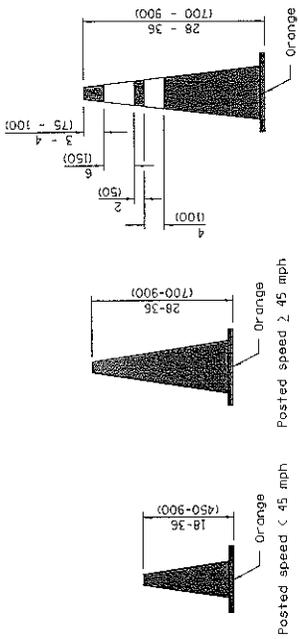


CORNER CLOSURE



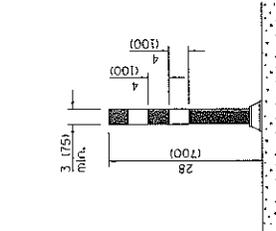
Illinois Department of Transportation
 APRIL 1, 2015
 APPROVED: [Signature]
 ENGINEER OF SAFETY ENGINEERING
 APRIL 1, 2016
 APPROVED: [Signature]
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

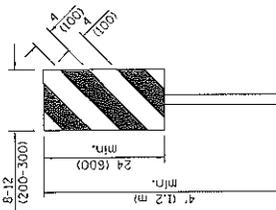


CONE FOR DAYTIME

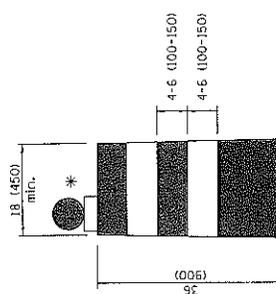
REFLECTORIZED CONE FOR NIGHTTIME



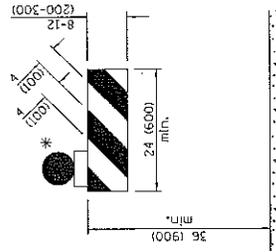
FLEXIBLE DELINEATOR



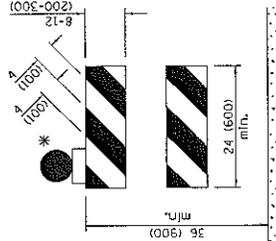
VERTICAL PANEL POST MOUNTED



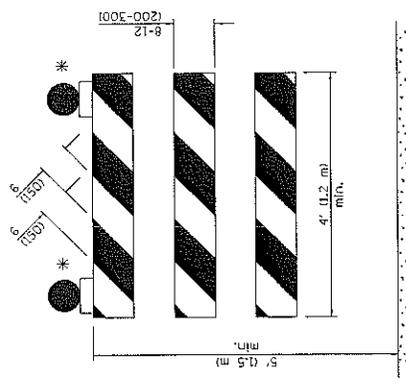
DRUM



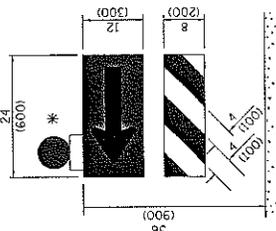
TYPE I BARRICADE



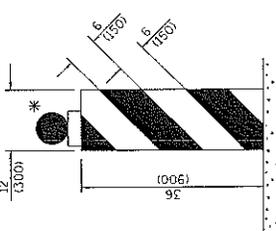
TYPE II BARRICADE



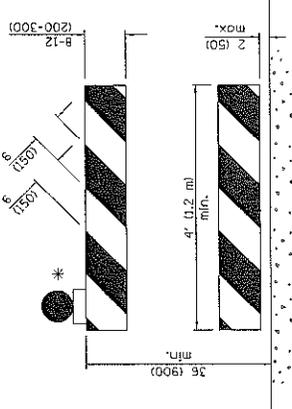
TYPE III BARRICADE



DIRECTION INDICATOR BARRICADE



VERTICAL BARRICADE



DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE

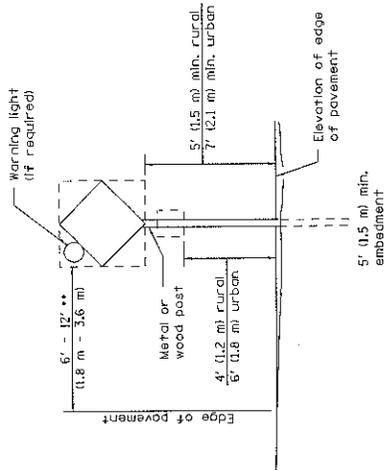
* Warning lights (if required)

GENERAL NOTES
All heights shown shall be measured above the pavement surface.
All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
4-1-16	Add dims to barricades. Rev note for post mnt. signs.
1-1-15	Rev. cone dnt. Add W12-1103. Revised two sign numbers on sheet 2. Added note req. PHOTO ENGRAVED plaque.

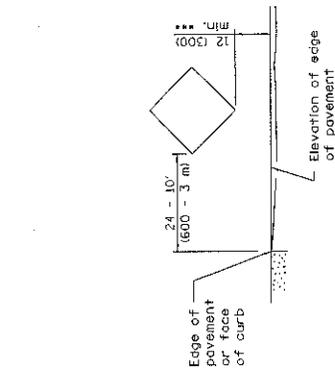
TRAFFIC CONTROL DEVICES
STANDARD 701901-05
(Sheet 1 of 3)

Illinois Department of Transportation
APPROVED: [Signature] April 1, 2016
ENGINEER OF DESIGN AND ENVIRONMENT
APPROVED: [Signature] April 1, 2016
ENGINEER OF CHECKS



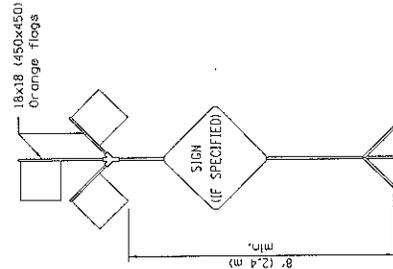
POST MOUNTED SIGNS

** When curb or paved shoulder are present this dimension shall be 24 (600) to the face of curb or 5' (1.5 m) to the outside edge of the paved shoulder.



SIGNS ON TEMPORARY SUPPORTS

*** When work operations exceed four days, this dimension shall be 5' (1.5 m) min. If located behind other devices, the height shall be sufficient to be seen completely above the devices.



HIGH LEVEL WARNING DEVICE

ROAD CONSTRUCTION NEXT X MILES 620-110401-6036

END CONSTRUCTION 620-1105101-6024

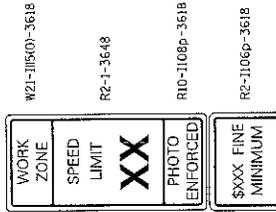
This signing is required for all projects 2 miles (3200 m) or more in length.

ROAD CONSTRUCTION NEXT X MILES sign shall be placed 500' (150 m) in advance of project limits.

END CONSTRUCTION sign shall be erected at the end of the job unless another job is within 2 miles (3200 m).

Dual sign displays shall be utilized on multiple highways.

WORK LIMIT SIGNING



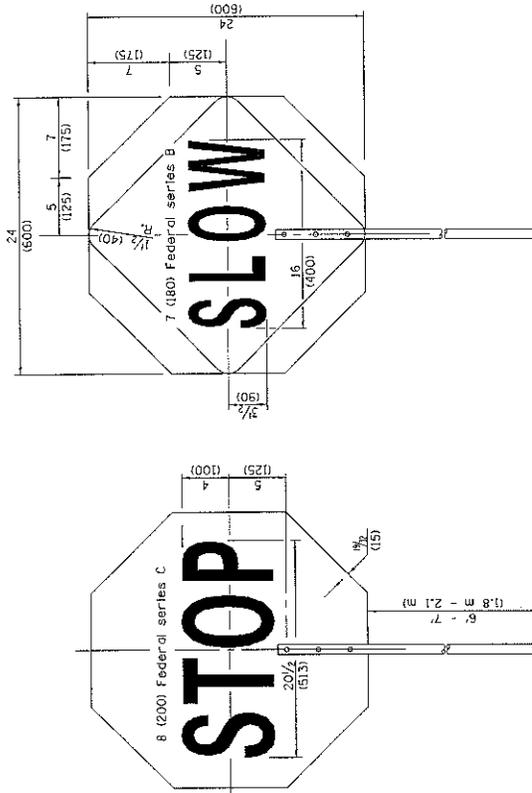
Sign assembly as shown on Standards or as allowed by District Operations.



This sign shall be used when the above sign assembly is used.

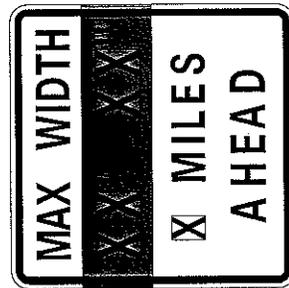
HIGHWAY CONSTRUCTION SPEED ZONE SIGNS

*** R10-1106p shall only be used along roadways under the jurisdiction of the State.



REVERSE SIDE

FRONT SIDE



W12-1103-4848

WIDTH RESTRICTION SIGN

XX-XX" width and X miles are variable.

TRAFFIC CONTROL DEVICES

STANDARD 701901-05

(Sheet 2 of 3)

FLAGGER TRAFFIC CONTROL SIGN

Illinois Department of Transportation

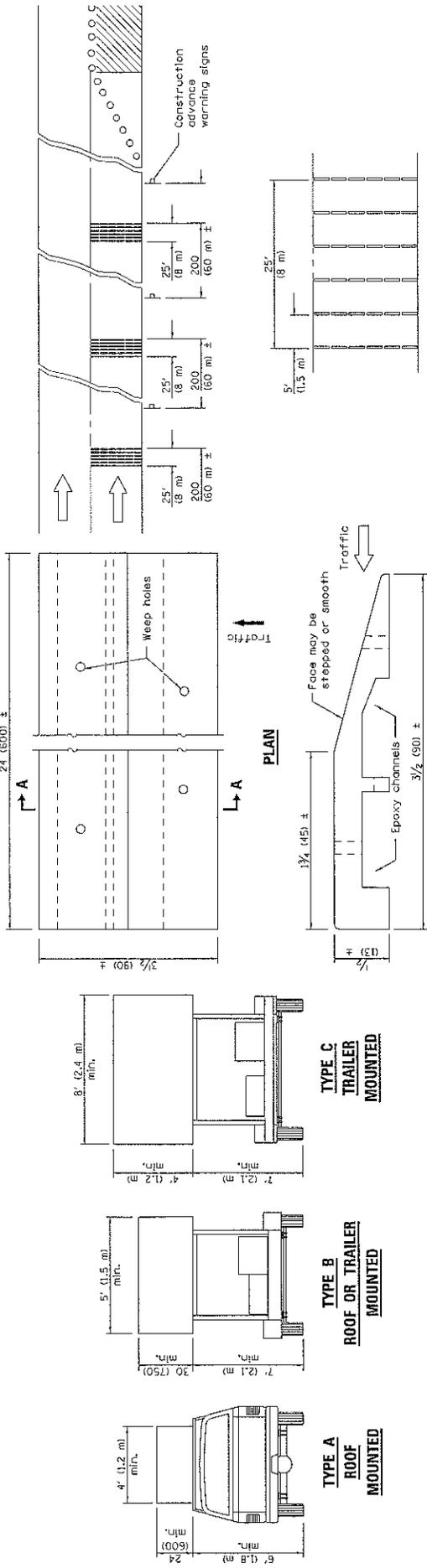
APPROVED: _____ 2016

ENGINEER OF OPERATIONS: _____ 2016

APPROVED: _____ 2016

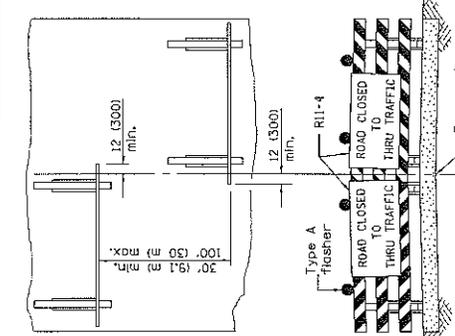
ENGINEER OF DESIGN AND SURVEYING: _____

ISSUED 1-1-97

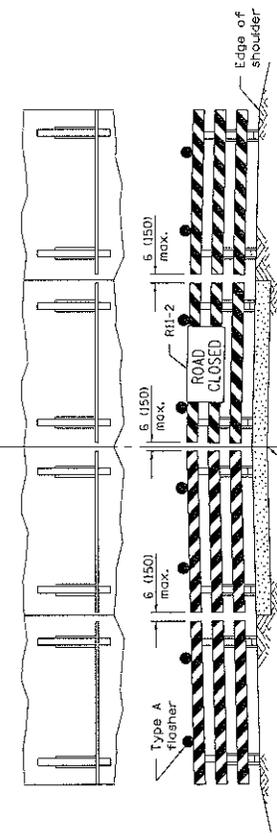


TYPICAL INSTALLATION

TEMPORARY RUMBLE STRIPS



SECTION A-A



ReflectORIZED striping may be omitted on the back side of the barricades. If a Type III barricade with an attached sign panel which meets NCHRP 350 is not available, the sign may be mounted on an NCHRP 350 temporary sign support directly in front of the barricade.

TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD

ReflectORIZED striping shall appear on both sides of the barricade. If a Type III barricade with an attached sign panel which meets NCHRP 350 is not available, the signs may be mounted on NCHRP 350 temporary sign supports directly in front of the barricade.

TRAFFIC CONTROL DEVICES

STANDARD 701901-05

Illinois Department of Transportation

APPROVED: _____ DATE: _____ 2015

ENGINEER OF OPERATIONS

APPROVED: _____ DATE: _____ 2016

ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED: _____ 1-1-16



RETURN WITH BID

Route: VARIOUS
Municipality: CITY OF BERWYN
Rd. Dist./Twnshp: 1 / LYONS
County: COOK
Section: 16-00000-01-GM

PAPER BID BOND

WE _____ as PRINCIPAL, and _____ as SURETY, are held jointly, severally and firmly bound unto the above Local Agency (hereafter referred to as "LA") in the penal sum of 5% of the total bid price, or for the amount specified in the Proposal documents in effect on the date of invitation for bids, whichever is the lesser sum. We bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly to pay to the LA this sum under the conditions of this instrument.

WHEREAS, THE CONDITION OF THE FOREGOING OBLIGATION IS SUCH that, the said PRINCIPAL is submitting a written proposal to the LA acting through its awarding authority for the construction of the work designated as the above section.

THEREFORE, if the Proposal is accepted and a Contract awarded to the PRINCIPAL by the LA for the above-designated section and the PRINCIPAL shall within fifteen (15) days after award enter into a formal Contract, furnish Surety guaranteeing the faithful performance of the work, and furnish evidence of the required insurance coverage, all as provided in the "Standard Specifications for Road and Bridge Construction" and applicable Supplemental Specifications, then this obligation shall become void; otherwise it shall remain in full force and effect.

IN THE EVENT the LA determines the PRINCIPAL has failed to enter into a formal Contract in compliance with any requirements set forth in the preceding paragraph, then the LA acting through its awarding authority shall immediately be entitled to recover the full penal sum set out above, together with all court costs, all attorney fees, and any other expense of recovery.

IN TESTIMONY WHEREOF, the said PRINCIPAL and the said SURETY have caused this instrument to be signed by their respective officers this _____ day of _____ A.D., 2015.

PRINCIPAL

(Company Name)
BY: (Signature & Title)

(If PRINCIPAL is a joint venture of two or more contractors, the company names, and authorized signatures of each contractor must be affixed.)

SURETY

BY: (Signature of Attorney-in-Fact)
(Name of Surety)

STATE OF ILLINOIS
COUNTY OF _____ ss

I, _____, a Notary Public in and for said county, do hereby certify that

(Insert names of individuals signing on behalf of PRINCIPAL & SURETY)
who are each personally known to me to be the same persons whose names are subscribed to the foregoing instrument on behalf of PRINCIPAL and SURETY, appeared before me this day in person and acknowledged respectively, that they signed and delivered said instrument as their free and voluntary act for the uses and purposes therein set forth.

Given under my hand and notarial seal this _____ day of _____ A.D., 2015.

My commission expires _____ (Notary Public)

ELECTRONIC BID BOND

Electronic bid bond is allowed (box must be checked by LA if electronic bid bond is allowed)
The Principal may submit an electronic bid bond, in lieu of completing the above section of the Proposal Bid Bond Form. By providing an electronic bid bond ID code and signing below, the Principal is ensuring the identified electronic bid bond has been executed and the Principal and Surety are firmly bound unto the LA under the conditions of the bid bond as shown above. (If PRINCIPAL is a joint venture of two or more Contractors, an electronic bid bond ID code, company/Bidder name, title, and date must be affixed for each Contractor in the venture.)

(Company/Bidder Name)

(Signature and Title)

(Date)



Illinois Department of Transportation

Bureau of Construction
2300 South Dirksen Parkway/Room 322
Springfield, Illinois 62764

**Affidavit of Availability
For the Letting of 16-00000-01-GM**

Instructions: Complete this form by either typing or using black ink. "Authorization to Bid" will not be issued unless both sides of this form are completed in detail. Use additional forms as needed to list all work.

Part I. Work Under Contract

List below all work you have under contract as either a prime contractor or a subcontractor. It is required to include all pending low bids not yet awarded or rejected. In a joint venture, list only that portion of the work which is the responsibility of your company. The uncompleted dollar value is to be based upon the most recent engineer's or owners estimate, and must include work subcontracted to others. If no work is contracted, show **NONE**.

	1	2	3	4	Awards	
Contract Number						
Contract With						
Estimated Completion Date						
Total Contract Price						Accumulated Totals
Uncompleted Dollar Value if Firm is the Prime Contractor						
Uncompleted Dollar Value if Firm is the Subcontractor						
Total Value of All Work						

Part II. Awards Pending and Uncompleted Work to be done with your own forces.

List below the uncompleted dollar value of work for each contract and awards pending to be completed with your own forces. All work subcontracted to others will be listed on the reverse of this form. In a joint venture, list only that portion of the work to be done by your company. If no work is contracted, show **NONE**.

						Accumulated Totals
Earthwork						
Portland Cement Concrete Paving						
HMA Plant Mix						
HMA Paving						
Clean & Seal Cracks/Joints						
Aggregate Bases & Surfaces						
Highway, R.R. and Waterway Structures						
Drainage						
Electrical						
Cover and Seal Coats						
Concrete Construction						
Landscaping						
Fencing						
Guardrail						
Painting						
Signing						
Cold Milling, Planning & Rotomilling						
Demolition						
Pavement Markings (Paint)						
Other Construction (List)						
Totals						

Disclosure of this information is **REQUIRED** to accomplish the statutory purpose as outlined in the "Illinois Procurement Code." Failure to comply will result in non-issuance of an "Authorization To Bid." This form has been approved by the State Forms Management Center.

Part III. Work Subcontracted to Others.

For each contract described in Part I, list all the work you have subcontracted to others.

	1	2	3	4	Awards Pending
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Total Uncompleted					

I, being duly sworn, do hereby declare that this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for Federal, State, County, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated completion dates.

Subscribed and sworn to before me

this _____ day of _____, _____ Type or Print Name _____ Officer or Director _____ Title _____

Notary Public

Signed _____

My commission expires _____

(Notary Seal)

Company _____

Address _____

