

**Local Public Agency
Formal Contract**

PROPOSAL SUBMITTED BY		
ALESSIO & SONS CO		
Contractor's Name		
936 MOEN AVE, UNIT 3		
Street		P.O. Box
ROCKDALE	IL	60436
City	State	Zip Code

COUNTY STATE OF ILLINOIS
WILL
VILLAGE OF HOMER GLEN
(Name of City, Village, Town or Road District)

FOR THE IMPROVEMENT OF
STREET NAME OR ROUTE HERITAGE PARK BASIN & MASS GRADING
SECTION NO. _____
TYPES OF FUNDS VILLAGE

SPECIFICATIONS (required)

PLANS (required)

CONTRACT BOND (when required)

<p>For Municipal Projects Submitted/Approved/Passed</p> <p><input checked="" type="checkbox"/> Mayor <input checked="" type="checkbox"/> President of Board of Trustees <input type="checkbox"/> Municipal Official</p> <p>_____</p> <p>Date</p>

County WILL
Local Public Agency VILLAGE OF HOMER GLEN
Section Number _____
Route HERITAGE PARK BASIN & MASS GRADING

1. THIS AGREEMENT, made and concluded the 22ND day of JUNE, 2018,
Month and Year
between the Village of Homer Glen
acting by and through its President and Board of Trustees known as the party of the first part, and
Alessio & Sons Co. his/their executors, administrators, successors or assigns,
known as the party of the second part.
2. Witnesseth: That for and in consideration of the payments and agreements mentioned in the Proposal hereto attached, to be made and performed by the party of the first part, and according to the terms expressed in the Bond referring to these presents, the party of the second part agrees with said party of the first part at his/their own proper cost and expense to do all the work, furnish all materials and all labor necessary to complete the work in accordance with the plans and specifications hereinafter described, and in full compliance with all of the terms of this agreement and the requirements of the Engineer under it.
3. And it is also understood and agreed that the LPA Formal Contract Proposal, Special Provisions, Affidavit of Illinois Business Office, Apprenticeship or Training Program Certification, and Contract Bond hereto attached, and the Plans for Section _____, in Village of Homer Glen, approved by the Illinois Department of Transportation on _____, are essential documents of this contract and are a part hereof.

4. IN WITNESS WHEREOF, The said parties have executed these presents on the date above mentioned.

Attest: [Signature] Clerk

The 22nd of JUNE, 2018
By [Signature] Party of the First Part
(If a Corporation)



Corporate Name ALESSIO & SONS CO.
By [Signature] President Party of the Second Part
(If a Co-Partnership)

Attest: [Signature] Secretary

Partners doing Business under the firm name of _____
Party of the Second Part
(If an individual)
Party of the Second Part

Contract Bond

Route HERITAGE PARK BASIN & MASS GRADING
 County WILL
 Local Agency VILLAGE OF HOMER GLEN
 Section _____

We, ALESSIO & SONS CO, 936 MOEN AVE, UNIT 3, ROCKDALE IL 60436

a/an) Individual Co-partnership Corporation organized under the laws of the State of Illinois

as PRINCIPAL, and Philadelphia Indemnity Insurance Company

as SURETY,

are held and firmly bound unto the above Local Agency (hereafter referred to as "LA") in the penal sum of

One Million One Hundred Ninety Six Thousand Five Hundred Ninety Two Dollars and 50/100-----

----- \$1,196,592.50), lawful money of the United States, well and truly to be paid unto said LA, for the payment of which we bind ourselves, our heirs, executors, administrators, successors, 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 has entered into a written contract with the LA acting through its awarding authority for the construction of work on the above section, which contract is hereby referred to and made a part hereof, as if written herein at length, and whereby the said Principal has promised and agreed to perform said work in accordance with the terms of said contract, and has promised to pay all sums of money due for any labor, materials, apparatus, fixtures or machinery furnished to such Principal for the purpose of performing such work and has further agreed to pay all direct and indirect damages to any person, firm, company or corporation suffered or sustained on account of the performance of such work during the time thereof and until such work is completed and accepted; and has further agreed that this bond shall inure to the benefit of any person, firm, company or corporation to whom any money may be due from the Principal, subcontractor or otherwise for any such labor, materials, apparatus, fixtures or machinery so furnished and that suit may be maintained on such bond by any such person, firm, company or corporation for the recovery of any such money.

NOW THEREFORE, if the said Principal shall well and truly perform said work in accordance with the terms of said contract, and shall pay all sums of money due or to become due for any labor, materials, apparatus, fixtures or machinery furnished to him for the purpose of constructing such work, and shall commence and complete the work within the time prescribed in said contract, and shall pay and discharge all damages, direct and indirect, that may be suffered or sustained on account of such work during the time of the performance thereof and until the said work shall have been accepted, and shall hold the LA and its awarding authority harmless on account of any such damages and shall in all respects fully and faithfully comply with all the provisions, conditions and requirements of said contract, then this obligation to be void; otherwise to remain in full force and effect.

IN TESTIMONY WHEREOF, the said PRINCIPAL and the said SURETY have caused this instrument to be signed by their respective officers this 22nd day of JUNE A.D. 2018

PRINCIPAL

Alessio & Sons Co. (Company Name) _____ (Company Name)
By: [Signature] PRESIDENT (Signature & Title) By: _____ (Signature & Title)
Attest: [Signature] GM (Signature & Title) Attest: _____ (Signature & Title)

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

STATE OF ILLINOIS,
COUNTY OF Will

I, Vera Erickson, a Notary Public in and for said county, do hereby certify that
Michael Aussio

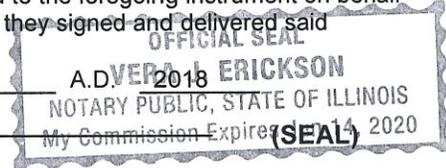
(Insert names of individuals signing on behalf or PRINCIPAL)

who are each personally known to me to be the same persons whose names are subscribed to the foregoing instrument on behalf of PRINCIPAL, 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 22nd day of JUNE

My commission expires 6/14/20

[Signature]
Notary Public



SURETY

Philadelphia Indemnity Insurance Company (Name of Surety) By: [Signature] (Signature of Attorney-in-Fact)

STATE OF ILLINOIS. (SEAL)
COUNTY OF Will

I, Amy Grady, a Notary Public in and for said county, do hereby certify that
Raymond A. Mathews

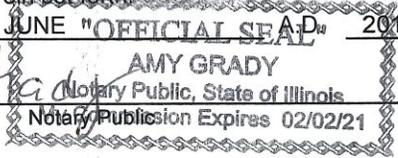
(Insert names of individuals signing on behalf or SURETY)

who are each personally known to me to be the same persons whose names are subscribed to the foregoing instrument on behalf of 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 22ND day of JUNE A.D. 2018

My commission expires 02/02/2021

[Signature]



(SEAL)

Approved this 22ND day of JUNE, A.D. 2018

Attest: [Signature]
Village Clerk

VILLAGE OF HOMER GLEN
(Awarding Authority)
[Signature]
(Chairman/Mayor/President)

PHILADELPHIA INDEMNITY INSURANCE COMPANY

One Bala Plaza, Suite 100
Bala Cynwyd, PA 19004-0950

Power of Attorney

KNOW ALL PERSONS BY THESE PRESENTS: That **PHILADELPHIA INDEMNITY INSURANCE COMPANY** (the Company), a corporation organized and existing under the laws of the Commonwealth of Pennsylvania, does hereby constitute and appoint **Raymond A. Mathews and Edwin Olszta of Rav Weidenaar & Co., dba RWC Insurance Group**, its true and lawful Attorney-in-fact with full authority to execute on its behalf bonds, undertakings, recognizances and other contracts of indemnity and writings obligatory in the nature thereof, issued in the course of its business and to bind the Company thereby, in an amount not to exceed **\$25,000,000.00**.

This Power of Attorney is granted and is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Board of Directors of PHILADELPHIA INDEMNITY INSURANCE COMPANY on the 14th of November, 2016.

RESOLVED: That the Board of Directors hereby authorizes the President or any Vice President of the Company: (1) Appoint Attorney(s) in Fact and authorize the Attorney(s) in Fact to execute on behalf of the Company bonds and undertakings, contracts of indemnity and other writings obligatory in the nature thereof and to attach the seal of the Company thereto; and (2) to remove, at any time, any such Attorney-in-Fact and revoke the authority given. And, be it

FURTHER RESOLVED: That the signatures of such officers and the seal of the Company may be affixed to any such Power of Attorney or certificate relating thereto by facsimile, and any such Power of Attorney so executed and certified by facsimile signatures and facsimile seal shall be valid and binding upon the Company in the future with respect to any bond or undertaking to which it is attached.

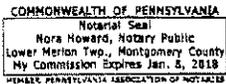
IN TESTIMONY WHEREOF, PHILADELPHIA INDEMNITY INSURANCE COMPANY HAS CAUSED THIS INSTRUMENT TO BE SIGNED AND ITS CORPORATE SEAL TO BE AFFIXED BY ITS AUTHORIZED OFFICE THIS 14TH DAY OF NOVEMBER, 2016.



(Seal)

Robert D. O'Leary Jr., President & CEO
Philadelphia Indemnity Insurance Company

On this 14th day of November, 2016, before me came the individual who executed the preceding instrument, to me personally known, and being by me duly sworn said that he is the therein described and authorized officer of the **PHILADELPHIA INDEMNITY INSURANCE COMPANY**; that the seal affixed to said instrument is the Corporate seal of said Company; that the said Corporate Seal and his signature were duly affixed.



(Notary Seal)

Notary Public:

residing at:

Bala Cynwyd, PA

My commission expires:

January 8, 2018

I, Edward Sayago, Corporate Secretary of PHILADELPHIA INDEMNITY INSURANCE COMPANY, do hereby certify that the foregoing resolution of the Board of Directors and this Power of Attorney issued pursuant thereto on this 14th day of November, 2016 are true and correct and are still in full force and effect. I do further certify that Robert D. O'Leary Jr., who executed the Power of Attorney as President, was on the date of execution of the attached Power of Attorney the duly elected President of PHILADELPHIA INDEMNITY INSURANCE COMPANY,

In Testimony Whereof I have subscribed my name and affixed the facsimile seal of each Company this 20th day of June, 2018.



Edward Sayago, Corporate Secretary
PHILADELPHIA INDEMNITY INSURANCE COMPANY

SCHEDULE OF PRICES

County WILL
 Local Public Agency HOMER GLEN
 Section _____
 Route HERITAGE PARK

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 \$1,196,592.50

Item No.	Items	Unit	Quantity	Unit Price	Total
1	TEMPORARY FENCE	FOOT	8,190	1.50	12285-
2	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	302	8.50	2567-
3	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	513	8.50	4360.50
4	TREE TRUNK PROTECTION	EACH	26	40-	1040-
5	TREE ROOT PRUNING	EACH	26	40-	1040-
6	NITROGEN FERTILIZER NUTRIENT	POUND	423	2.50	1057.50
7	PHOSPHORUS FERTILIZER NUTRIENT	POUND	423	2.50	1052.50
8	POTASSIUM FERTILIZER NUTRIENT	POUND	423	2.50	1052.50
9	EARTH EXCAVATION	CU YD	55,175	5-	275875-
10	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	552	10-	5520-
11	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	14,770	10-	147700-
12	SEEDING, CLASS 1B	ACRE	4.70	2300-	10810-
13	MULCH, METHOD 2	ACRE	12.40	1900-	23560-
14	EROSION CONTROL BLANKET (N.A.G. S75 OR EQUIVALENT)	SQ YD	95,960	1.10	105556-
15	FILTER FABRIC	SQ YD	100	5-	500-
16	TEMPORARY EROSION CONTROL SEEDING	POUND	833	12-	9996-
17	TEMPORARY DITCH CHECKS	FOOT	330	9-	2970-
18	PERIMETER EROSION BARRIER	FOOT	4,030	2.25	9067.50
19	INLET AND PIPE PROTECTION	EACH	17	139-	2363-
20	STONE RIPRAP, CLASS A1	SQ YD	100	35-	3500-
21	STONE RIPRAP, CLASS A2	SQ YD	800	25-	20000-
22	STONE RIPRAP, CLASS A3	SQ YD	940	31-	29140-
23	STONE RIPRAP, CLASS A4	SQ YD	100	70-	7000-
24	SEEDING (SPECIAL), SHORT GRASS MESIC PRAIRIE MIX	ACRE	19.70	3400-	66980-
25	SEEDING (SPECIAL), WET MESIC PRAIRIE MIX	ACRE	1.90	3900-	7410-
26	SEEDING (SPECIAL), WET PRAIRIE MIX	ACRE	7.00	2700-	18900-
27	PERENNIAL PLANTS, PRAIRIE TYPE, 2" DIAMETER BY 4" DEEP PLUG	UNIT	13,960	4-	55840-
28	PERENNIAL PLANTS, WETLAND TYPE, 2" DIAMETER BY 4" DEEP PLUG	UNIT	6,000	4.50	27000-
29	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE	SQ YD	180	13-	2340-
30	STONE LINED DITCH (PERMANENT DITCH CHECKS)	EACH	4	6000-	24000-
31	SOIL PREPARATION	ACRE	13.10	1300-	17030-
32	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	1	1300-	1300-
33	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	2	900-	1800-
34	GRATING FOR CONCRETE FLARED END SECTION 24"	EACH	2	700-	1400-
35	SLOPED METAL END SECTION WITH GRATE, STANDARD 542411, 30", 1:4	EACH	1	1900-	1900-
36	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	98	55-	5390-

RETURN WITH BID

CONTRACTOR CERTIFICATIONS

County WILL
Local Public Agency VILLAGE OF HOMER GLEN
Section Number
Route HERITAGE PARK

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.

1. 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.

2. 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.

3. 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.

4. 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 WILL
Local Public Agency VILLAGE OF HOMER GLEN
Section Number _____
Route HERITAGE PARK

(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 ALBESSIO & SONS

Signed By [Signature]

President MICHAEL ALBESSIO

Business Address 936 MOEN AVE UNIT 3
ROCKDALE, IL 60436

Insert Names of Officers

President MICHAEL ALBESSIO
Secretary JIM ALBESSIO
Treasurer LEONARD ALBESSIO

Attest:

[Signature]
Secretary



Route Heritage Park
County Will
Local Agency Village of Homer Glen
Section

RETURN WITH BID

PAPER BID BOND

WE Alessio & Sons, Co. as PRINCIPAL, and Philadelphia Insurance Companies 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 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 1st day of June, 2018

Principal

Alessio & Sons Co. (Company Name)
By: [Signature] PRESIDENT (Signature and Title)

(Company Name)
By: (Signature and Title)

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

Surety

Philadelphia Insurance Companies (Name of Surety)

By: [Signature] (Signature of Attorney-in-Fact)

STATE OF ILLINOIS, COUNTY OF Will

I, Michael Alessio & Raymond A. Mathews, a Notary Public in and for said county, do hereby certify that

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

Given under my hand and notarial seal this 1st day of June, 2018

My commission expires 02/02/2018

[Signature] (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.)

Electronic Bid Bond ID Code

(Company/Bidder Name)
(Signature and Title)
Date

PHILADELPHIA INDEMNITY INSURANCE COMPANY
One Bala Plaza, Suite 100
Bala Cynwyd, PA 19004-0950

Power of Attorney

KNOW ALL PERSONS BY THESE PRESENTS: That **PHILADELPHIA INDEMNITY INSURANCE COMPANY** (the Company), a corporation organized and existing under the laws of the Commonwealth of Pennsylvania, does hereby constitute and appoint **Raymond A. Mathews and Edwin Olszta of Ray Weidenaar & Co., dba RWC Insurance Group**, its true and lawful Attorney-in-fact with full authority to execute on its behalf bonds, undertakings, recognizances and other contracts of indemnity and writings obligatory in the nature thereof, issued in the course of its business and to bind the Company thereby, in an amount not to exceed **\$25,000,000.00**.

This Power of Attorney is granted and is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Board of Directors of PHILADELPHIA INDEMNITY INSURANCE COMPANY on the 14th of November, 2016.

RESOLVED: That the Board of Directors hereby authorizes the President or any Vice President of the Company: (1) Appoint Attorney(s) in Fact and authorize the Attorney(s) in Fact to execute on behalf of the Company bonds and undertakings, contracts of indemnity and other writings obligatory in the nature thereof and to attach the seal of the Company thereto; and (2) to remove, at any time, any such Attorney-in-Fact and revoke the authority given. And, be it

FURTHER RESOLVED: That the signatures of such officers and the seal of the Company may be affixed to any such Power of Attorney or certificate relating thereto by facsimile, and any such Power of Attorney so executed and certified by facsimile signatures and facsimile seal shall be valid and binding upon the Company in the future with respect to any bond or undertaking to which it is attached.

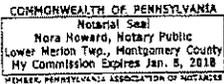
IN TESTIMONY WHEREOF, PHILADELPHIA INDEMNITY INSURANCE COMPANY HAS CAUSED THIS INSTRUMENT TO BE SIGNED AND ITS CORPORATE SEAL TO BE AFFIXED BY ITS AUTHORIZED OFFICE THIS 14TH DAY OF NOVEMBER, 2016.



(Seal)

Robert D. O'Leary Jr., President & CEO
Philadelphia Indemnity Insurance Company

On this 14th day of November, 2016, before me came the individual who executed the preceding instrument, to me personally known, and being by me duly sworn said that he is the therein described and authorized officer of the **PHILADELPHIA INDEMNITY INSURANCE COMPANY**; that the seal affixed to said instrument is the Corporate seal of said Company; that the said Corporate Seal and his signature were duly affixed.



(Notary Seal)

Notary Public:

residing at:

Bala Cynwyd, PA

My commission expires:

January 8, 2018

I, Edward Sayago, Corporate Secretary of PHILADELPHIA INDEMNITY INSURANCE COMPANY, do hereby certify that the foregoing resolution of the Board of Directors and this Power of Attorney issued pursuant thereto on this 14th day of November, 2016 are true and correct and are still in full force and effect. I do further certify that Robert D. O'Leary Jr., who executed the Power of Attorney as President, was on the date of execution of the attached Power of Attorney the duly elected President of PHILADELPHIA INDEMNITY INSURANCE COMPANY,

In Testimony Whereof I have subscribed my name and affixed the facsimile seal of each Company this 1st day of June, 2018.



Edward Sayago, Corporate Secretary
PHILADELPHIA INDEMNITY INSURANCE COMPANY



Return with Bid

Route	HERITAGE PARK
County	WILL
Local Agency	VILLAGE OF HOMER GLEN
Section	

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:

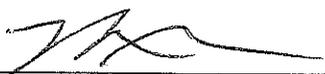
- I. Except as provided in paragraph IV below, the undersigned bidder certifies that it is a participant, either as an individual or as part of a group program, in an approved apprenticeship or training program applicable to each type of work or craft that the bidder will perform with its own employees.
- 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.

LABORERS, OPERATORS, & TEAMSTERS

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: ALBESIO & SONS

By: 

Address: 936 MOON AVE UNIT 3

Title: President (Signature)



Affidavit of Illinois Business Office

County Will
Local Public Agency Village of Homer Glen
Section Number
Route Heritage Park

State of IL)
) ss.
County of Will)

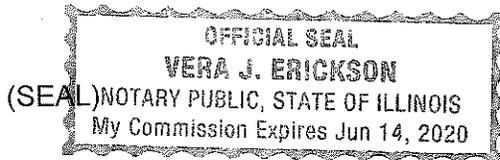
I, Michael Alessio of Alessio Sons Company, Illinois
(Name of Affiant) (City of Affiant) (State of Affiant)

being first duly sworn upon oath, states as follows:

- 1. That I am the President of Alessio Sons Company officer or position bidder
2. That I have personal knowledge of the facts herein stated.
3. That, if selected under this proposal, Alessio Sons Company (bidder), will maintain a business office in the State of Illinois which will be located in Will County, Illinois.
4. That this business office will serve as the primary place of employment for any persons employed in the construction contemplated by this proposal.
5. That this Affidavit is given as a requirement of state law as provided in Section 30-22(8) of the Illinois Procurement Code.

[Signature]
(Signature)
Michael Alessio
(Print Name of Affiant)

This instrument was acknowledged before me on 5th day of June, 2018.



[Signature]
(Signature of Notary Public)



Illinois Department of Transportation

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

Affidavit of Availability For the Letting of 6/15/2018

Instructions: Complete this form by either typing or using black ink. "Authorization to Bid" will not be issued less 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 Pending	
Contract Number	66F56					
Contract With	IDOT					
Estimated Completion Date						
Total Contract Price	146,951.00					Accumulated Totals
Uncompleted Dollar Value if Firm is the Prime Contractor	10,000.00					\$10,000.00
Uncompleted Dollar Value if Firm is the Subcontractor						
Total Value of All Work						\$10,000.00

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)						
						\$ 0.00
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.

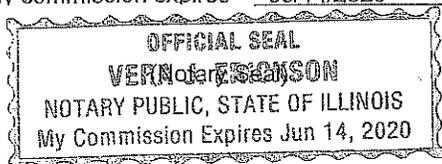
Subscribed and sworn to before me

this 1st day of June, 2018 Type or Print Name Michael Alessio President
Officer or Director Title

Wendy Swain
 Notary Public

Signed *Michael Alessio*

My commission expires 06/14/2020



Company Alessio & Sons Company

Address 936 Moen Ave, Ste 3

Rockdale, IL 60436



Illinois Department of Transportation

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

Affidavit of Availability For the Letting of 6/22/2018

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 Pending	
Contract Number	66F56					
Contract With	IDOT					
Estimated Completion Date						
Total Contract Price	146,951.00					Accumulated Totals
Uncompleted Dollar Value if Firm is the Prime Contractor	10,000.00					\$10,000.00
Uncompleted Dollar Value if Firm is the Subcontractor						
Total Value of All Work						\$10,000.00

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	7,000.00				\$7,000.00
Landscaping	3,000.00				\$3,000.00
Fencing					
Guardrail					
Painting					
Signing					
Cold Milling, Planning & Rotomilling					
Demolition					
Pavement Markings (Paint)					
Other Construction (List)					
					\$ 0.00
Totals	\$10,000.00				\$10,000.00

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					

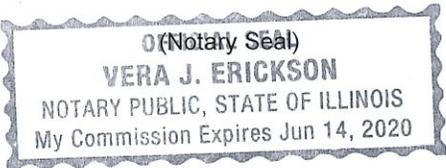
I, being duly sworn, do hereby declare that this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for Federal, State, County, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated completion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

Subscribed and sworn to before me
 this 22nd day of June, 2018 Type or Print Name Michael Alessio President
 Officer or Director Title

Vera J. Erickson
 Notary Public

Signed *Michael Alessio*

My commission expires 06/14/2020



Company Alessio & Sons Company

Address 936 Moen Ave, Ste 3

Rockdale, IL 60436



CERTIFICATE OF LIABILITY INSURANCE

HR Green FILE

DATE (MM/DD/YYYY)
6/15/2018

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER RWC Insurance Group Ray Weidenaar & Co. 7239 W. Laraway Rd. Frankfort IL 60423-7767	CONTACT NAME: PHONE (A/C, No, Ext): (815) 469-6585		FAX (A/C, No): (815) 469-6165
	E-MAIL ADDRESS:		
INSURED Alessio & Sons Company 936 Moen Ave Unit C Rockdale IL 60436-9304	INSURER(S) AFFORDING COVERAGE		NAIC #
	INSURER A: Owners Insurance Co. A++ Rated		32700
	INSURER B: Frankenmuth Insurance Co. A Rated		13986
	INSURER C:		
	INSURER D:		
	INSURER E:		

COVERAGES **CERTIFICATE NUMBER: 18-19 w/WC Renewal** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSD WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:		07619365	2/5/2018	2/5/2019	EACH OCCURRENCE \$ 2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 2,000,000 GENERAL AGGREGATE \$ 3,000,000 PRODUCTS - COMP/OP AGG \$ 3,000,000 \$
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS		5061939200	2/5/2018	2/5/2019	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ WRRPA \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ Waived		5061936500	2/5/2018	2/5/2019	EACH OCCURRENCE \$ 10,000,000 AGGREGATE \$ 10,000,000 \$
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N <input checked="" type="checkbox"/> N N/A	WC 6104456	5/22/2018	5/22/2019	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
A	Inland Marine		07619365	2/5/2018	2/5/2019	L/R items /Deductible \$1,000 \$250,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Village of Homer Glen, Heritage Park 319 Project, HRG Job No.: 170346
Additional Insureds with respects to General Liability only when required by written contract on a primary and non-contributory basis: Village of Homer Glen and HR Green, Inc. and their officers, employees, and agents.

CERTIFICATE HOLDER Village of Homer Glen 14240 West 151st Street Homer Glen, IL 60491	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE Mark Duncan/MHEAD <i>St. Mark Duncan</i>
---	---

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

BLANKET ADDITIONAL INSURED

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE FORM.

- A. Under SECTION II - WHO IS AN INSURED, the following is added:**

A person or organization is an Additional Insured, only with respect to liability arising out of "your work" for that Additional Insured by or for you:

1. If required in a written contract or agreement; or
2. If required by an oral contract or agreement only if a Certificate of Insurance was issued prior to the loss indicating that the person or organization was an Additional Insured.

- B. Under SECTION III - LIMITS OF INSURANCE, the following is added:**

The limits of liability for the Additional Insured are those specified in the written contract or agreement between the insured and the owner, lessee or contractor or those specified in the Certificate of Insurance, if an oral contract or agreement, not to exceed the limits provided in this policy. These limits are inclusive of and not in addition to the limits of insurance shown in the Declarations.

- C. SECTION IV - COMMERCIAL GENERAL LIABILITY CONDITIONS, is amended as follows:**

1. The following provision is added to **4. Other Insurance**:

This insurance is primary for the Additional Insured, but only with respect to liability arising out of "your work" for that Additional Insured by or for you. Other insurance available to the Additional Insured will apply as excess insurance and not contribute as primary insurance to the insurance provided by this endorsement.

2. The following provision is added:

Other Additional Insured Coverage Issued By Us

If this policy provides coverage for the same loss to any Additional Insured specifically shown as an Additional Insured in another endorsement to this policy, our maximum limit of insurance under this endorsement and any other endorsement shall not exceed the limit of insurance in the written contract or agreement between the insured and the owner, lessee or contractor, or the limits provided in this policy, whichever is less. Our maximum limit of insurance arising out of an "occurrence", shall not exceed the limit of insurance shown in the Declarations, regardless of the number of insureds or Additional Insureds.

All other policy terms and conditions apply.



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

Recurring Special Provisions

<u>Check Sheet #</u>		<u>Page No.</u>
1	<input type="checkbox"/> Additional State Requirements for Federal-Aid Construction Contracts	64
2	<input type="checkbox"/> Subletting of Contracts (Federal-Aid Contracts)	67
3	<input type="checkbox"/> EEO	68
4	<input type="checkbox"/> Specific EEO Responsibilities Non Federal-Aid Contracts	78
5	<input type="checkbox"/> Required Provisions - State Contracts	83
6	<input type="checkbox"/> Asbestos Bearing Pad Removal	89
7	<input type="checkbox"/> Asbestos Waterproofing Membrane and Asbestos Hot-Mix Asphalt Surface Removal	90
8	<input type="checkbox"/> Temporary Stream Crossings and In-Stream Work Pads	91
9	<input checked="" type="checkbox"/> Construction Layout Stakes Except for Bridges	92
10	<input type="checkbox"/> Construction Layout Stakes	95
11	<input type="checkbox"/> Use of Geotextile Fabric for Railroad Crossing	98
12	<input type="checkbox"/> Subsealing of Concrete Pavements	100
13	<input type="checkbox"/> Hot-Mix Asphalt Surface Correction	104
14	<input type="checkbox"/> Pavement and Shoulder Resurfacing	106
15	<input type="checkbox"/> Patching with Hot-Mix Asphalt Overlay Removal	107
16	<input type="checkbox"/> Polymer Concrete	109
17	<input type="checkbox"/> PVC Pipeliner	111
18	<input type="checkbox"/> Bicycle Racks	112
19	<input type="checkbox"/> Temporary Portable Bridge Traffic Signals	114
20	<input type="checkbox"/> Work Zone Public Information Signs	116
21	<input type="checkbox"/> Nighttime Inspection of Roadway Lighting	117
22	<input type="checkbox"/> English Substitution of Metric Bolts	118
23	<input type="checkbox"/> Calcium Chloride Accelerator for Portland Cement Concrete	119
24	<input type="checkbox"/> Quality Control of Concrete Mixtures at the Plant	120
25	<input type="checkbox"/> Quality Control/Quality Assurance of Concrete Mixtures	128
26	<input type="checkbox"/> Digital Terrain Modeling for Earthwork Calculations	144
27	<input type="checkbox"/> Reserved	146
28	<input type="checkbox"/> Preventive Maintenance - Bituminous Surface Treatment	147
29	<input type="checkbox"/> Reserved	153
30	<input type="checkbox"/> Reserved	154
31	<input type="checkbox"/> Reserved	155
32	<input type="checkbox"/> Temporary Raised Pavement Markers	156
33	<input type="checkbox"/> Restoring Bridge Approach Pavements Using High-Density Foam	157
34	<input type="checkbox"/> Portland Cement Concrete Inlay or Overlay	160
35	<input type="checkbox"/> Portland Cement Concrete Partial Depth Hot-Mix Asphalt Patching	164

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

Local Roads And Streets Recurring Special Provisions

<u>Check Sheet #</u>		<u>Page No.</u>
LRS 1	Reserved	168
LRS 2	<input type="checkbox"/> Furnished Excavation	169
LRS 3	<input type="checkbox"/> Work Zone Traffic Control Surveillance	170
LRS 4	<input type="checkbox"/> Flaggers in Work Zones	171
LRS 5	<input type="checkbox"/> Contract Claims	172
LRS 6	<input checked="" type="checkbox"/> Bidding Requirements and Conditions for Contract Proposals	173
LRS 7	<input type="checkbox"/> Bidding Requirements and Conditions for Material Proposals	179
LRS 8	Reserved	185
LRS 9	<input type="checkbox"/> Bituminous Surface Treatments	186
LRS 10	Reserved	187
LRS 11	<input checked="" type="checkbox"/> Employment Practices	188
LRS 12	<input checked="" type="checkbox"/> Wages of Employees on Public Works	190
LRS 13	<input checked="" type="checkbox"/> Selection of Labor	192
LRS 14	<input type="checkbox"/> Paving Brick and Concrete Paver Pavements and Sidewalks	193
LRS 15	<input type="checkbox"/> Partial Payments	196
LRS 16	<input type="checkbox"/> Protests on Local Lettings	197
LRS 17	<input checked="" type="checkbox"/> Substance Abuse Prevention Program	198
LRS 18	<input type="checkbox"/> Multigrade Cold Mix Asphalt	199

INDEX OF SPECIAL PROVISIONS

DESCRIPTION OF WORK.....1

LOCATION OF WORK.....1

MAINTENANCE OF ROADWAYS1

REDUCTION IN THE SCOPE OF WORK1

WORK HOURS2

COMPLETION DATE2

CONTRACTOR COORDINATION2

APPLICATION FOR PAYMENT.....2

CLEAN CONSTRUCTION AND DEMOLITION DEBRIS3

TRAFFIC CONTROL AND PROTECTION3

EARTH EXCAVATION4

SEEDING (SPECIAL), SHORT GRASS MESIC PRAIRIE MIX4

SEEDING (SPECIAL), WET MESIC PRAIRIE MIX5

SEEDING (SPECIAL), WET PRAIRIE MIX.....6

PERENNIAL PLANTS, PRAIRE TYPE, 2" DIAMETER BY 4" DEEP PLUG.....7

PERENNIAL PLANTS, WETLAND TYPE, 2" DIAMETER BY 4" DEEP PLUG.....8

SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE.....8

STONE LINED DITCH (PERMANENT DITCH CHECKS)9

SOIL PREPARATION9

FLAP GATE 24"9

PROPOSED STORM SEWER CONNECTION TO EXISTING MANHOLE10

REMOVE EXISTING FLARED END SECTION10

MANHOLES, TYPE A, 6'-DIAMETER, WITH 2 TYPE 1 FRAME, CLOSED LID, RESTRICTOR
PLATE (SEE DETAIL).....10

DRAINAGE STRUCTURES WITH RESTRICTOR (8' X 4' INLET BOX, R-3438 F&G OR
EQUAL) (SEE DETAIL).....11

STONE OUTCROPPING, LIMESTONE11

FENCE REMOVAL AND REINSTALLATION12

CONSTRUCTION LAYOUT12

MONITORING AND MAINTENANCE12

EDUCATIONAL SIGN14

IEPA SIGN14

SPECIAL PROVISIONS

The following Special Provisions supplement the Illinois Department of Transportation's (IDOT) "Standard Specifications for Road and Bridge Construction," adopted April 1, 2016 (hereinafter referred to as the "Standard Specifications"); the "Manual on Uniform Traffic Control Devices for Streets and Highways" the "Manual of Test Procedures of Materials", in effect on the date of invitation for bids; and the "Supplemental Specifications and Recurring Special Provisions," latest edition as indicated on the Check Sheet included herein, which apply to and govern the construction of the Homer Glen Heritage Park Detention Basin, Bioswale and Mass Grading Design, Will County, Illinois. In case of conflict with any part or parts of the Standard Specifications, these Special Provisions shall take precedence and shall govern.

DESCRIPTION OF WORK

The work shall include, but not limited to, mass grading, shaping of detention basin and ditches, storm sewer removal and replacement, installation of pipe culverts, seeding, tree installation and all incidental and collateral work necessary to complete the project as described herein.

LOCATION OF WORK

This project consists of the re-establishment and improvement of various drainage areas within the Village of Homer Glen, Will County, Illinois as shown in the plans.

MAINTENANCE OF ROADWAYS

Effective: September 30, 1985

Revised: November 1, 1996

Beginning on the date that work begins on this project, the Contractor shall assume responsibility for normal maintenance of all existing roadways within the limits of the improvement. This normal maintenance shall include all repair work deemed necessary by the Engineer, but shall not include snow removal operations. Traffic control and protection for maintenance of roadways will be provided by the Contractor as required by the Engineer.

If items of work have not been provided in the contract, or otherwise specified for payment, such items, including the accompanying traffic control and protection required by the Engineer, will be paid for in accordance with Article 109.04 of the Standard Specifications.

REDUCTION IN THE SCOPE OF WORK

The "Schedule of Prices" is a listing of work to be completed. However, due to budgetary constraints the awarding authority reserves the right to substantially reduce the scope of work to be completed under the contract in accordance with Article 104.02 of the Standard Specifications. No allowance will be made for delay or anticipated profits as the result of a decrease in the quantities of work to be performed.

WORK HOURS

The Contractor must adhere to the Village ordinance work time schedule. Construction work may be performed Monday thru Friday during the hours of 7:00 a.m. to 7:00 p.m. No work may be performed prior or beyond this period without prior written approval from the Village.

COMPLETION DATE

This contract shall be completed by **November 16, 2018**; if the Contractor fails to complete the work by the above-specified date, liquidated damages will be charged in accordance with the provisions of Article 108.09 and shall be strictly adhered to.

CONTRACTOR COORDINATION

The Contractor is advised that certain operations will involve cooperation with Contractors performing work adjacent to this contract. The Contractor shall cooperate to the fullest extent with the Village and the Contractors working on adjacent projects in compliance with Section 105.08 of the Standard Specifications.

The following project in the vicinity of this project will be under construction during the term of this Contract:

Village of Homer Glen Heritage Park Active Core

APPLICATION FOR PAYMENT

Application for payment to the Contractor shall be in accordance with the Standard Specifications and these Special Provisions. The Engineer will submit Engineer's Payment Estimate for partial payment to the Contractor for the work completed to the Village not more than once monthly on a date specified by the Village.

The Contractor shall procure from each subcontractor and supplier of material or labor a waiver of any claim which they may have under the mechanics lien laws of the state in which the work is located, to insure the Village immunity from mechanics liens on subcontractors in carrying out the contract and any work orders for additions thereto, all as a condition of any payment by the Village. Any payments made by the Village without requiring compliance with this paragraph shall not be construed as a Waiver by the Village of the right to require compliance with this paragraph as a condition to later payments.

The Contractor shall submit Partial Waivers of Lien from all subcontractors and suppliers with each partial payment estimate and Contractor's Affidavit for subcontractors and suppliers with second payment request for the previous payment estimates and then with all subsequent payment estimates. The Contractor shall furnish with his final application for payment a complete release of all liens arising out of this contract, or receipts in full in lieu thereof and an affidavit that the releases and receipts include all labor and material for which a lien could be filed.

CLEAN CONSTRUCTION AND DEMOLITION DEBRIS

In addition to the requirements of Section 107.01 of the Standard Specifications, the Contractor shall be responsible for the proper removal and disposal of excavated materials from the project site. The Contractor will meet all requirements set forth by the IEPA and Public Act 96-1416 for Clean Construction and Demolition Debris which may include, but not limited to, field and laboratory analyses, certification from a licensed Professional Engineer, dumping fees and documentation. This work shall not be paid for separately, but will be included in the cost of the contract. No additional compensation will be allowed.

TRAFFIC CONTROL AND PROTECTION

All roads shall be kept open to traffic. The Contractor should take particular note of the applicable portions of Article 107.14 of the Standard Specifications. All signs, except those referring to daily lane closures, shall be post mounted in accordance with Standard 701901 for all projects that exceed four-day duration. Construction signs referring to daytime lane closures during working hours shall be removed, covered or turned away from the view of the motorists during non-working hours.

The Contractor shall furnish, erect, maintain and remove all signs, barricades, flaggers and other traffic control devices as may be necessary for the purpose of regulating, warning or guiding traffic. Placement and maintenance of all traffic control devices shall be in accordance with the applicable parts of Section 701 of the Standard Specifications, the Illinois Manual on Uniform Traffic Control Devices for Streets and Highways and the Highway Standard contained herein.

Special attention is called to Article 107.09 and Section 701 of the Standard Specifications and the following Highways Standards, Supplemental Specifications, Details, Quality Standard for Work Zone Traffic Control Devices, Recurring Special Provisions, and Special Provisions contained herein relating to traffic control. It should be noted that Type I or Type II barricades will be required adjacent to the pavement in areas where a drop off of 3" or more occurs in accordance with Article 701.07.

Standards

701006, 701501, 701801, 701901 and BLR 18-5

Special Provisions

General Notes – Traffic Control and Protection
Maintenance of Roadways
Construction and Maintenance Signs (LR 702)
Traffic Control Deficiency Deduction (BDE 08273)
Work Zone Traffic Control (LRS#3)
Flaggers in Work Zones (LRS#4)

The Contractor shall contact the Village of Homer Glen, at least 72 hours in advance of beginning work. Construction operations shall be conducted in a manner such that streets will be open to traffic at all times, and access to abutting property shall be maintained.

The Contractor shall be responsible for providing a proposed scheduling, phasing and traffic control plan. The Village will review these plans and provide the contractor with any necessary modifications in writing. The Contractor will then be responsible for incorporating these changes into the proposed scheduling, phasing and traffic control plan.

At the preconstruction meeting, the Contractor shall furnish the name and telephone number where he may be reached during non-working hours of the individual in his direct employ that is to be responsible for the installation and maintenance of the traffic control of this project. If the actual installation and maintenance are to be accomplished by a subcontractor, consent shall be requested of the Engineer at the time of the preconstruction meeting in accordance with Article 108.01 of the Standard Specifications. This shall not relieve the Contractor of the requirements to have a responsible individual in his direct employ supervise this work.

Traffic Control and Protection will not be paid for separately and shall be considered incidental to the contract.

EARTH EXCAVATION

This work shall be performed in accordance with the Section 202 Standard Specifications, and as directed by the engineer.

Small sections of asphalt and/or crushed stone cart paths remain within the excavation limits. Removal and disposal of these cart paths will not be paid for separately and shall be incidental to EARTH EXCAVATION.

This work shall be measured for payment in CUBIC YARDS.

This work shall be paid for at the contract unit price per CUBIC YARDS for EARTH EXCAVATION and shall include all work, equipment, labor and materials noted above to complete the item.

SEEDING (SPECIAL), SHORT GRASS MESIC PRAIRIE MIX

This work shall be performed in accordance with applicable portions of the SOIL PREPARATION FOR NATIVE SEEDING and NATIVE SEEDING detailed specifications included at the end of these special provisions, and as directed by the engineer. The short grass mesic prairie seed mix below shall be used on all areas specified in the plans.

SHORT GRASS MESIC PRAIRIE SEED MIXTURE (per acre)

Scientific name	Common Name	Oz./Acre	lbs./Acre
Grasses & Sedges:			
<i>Andropogon scoparius</i>	Little bluestem	112.6	
<i>Bouteloua curtipendula</i>	Side oats grama	23.6	
<i>Carex bicknellii</i>	Copper shouldered sedge	5.2	
<i>Panicum virgatum</i>	Switch grass	23.6	
Total Grasses & Sedges		165.0	10.3
Forbs:			
<i>Amorpha canescens</i>	Lead plant	3.5	
<i>Asclepias tuberosa</i>	Butterfly weed	24.3	
<i>Aster novae-angliae</i>	New England aster	1.5	
<i>Coreopsis palmata</i>	Stiff coreopsis	7.2	
<i>Echinacea pallida</i>	Pale purple coneflower	22.7	
<i>Eryngium yuccifolium</i>	Rattlesnake master	7.1	
<i>Heliopsis helianthoides</i>	False sunflower	4.4	
<i>Monarda fistulosa</i>	Wild bergamot	0.4	
<i>Penstemon digitalis</i>	Foxglove Beard tongue	0.6	
<i>Petalostemum purpurea</i>	Purple prairie clover	4.2	
<i>Rudbeckia hirta</i>	Black-eyed Susan	1.0	
<i>Ratibida pinnata</i>	Yellow coneflower	1.1	
<i>Rudbeckia subtomentosa</i>	Sweet black-eyed Susan	1.2	
<i>Solidago rigida</i>	Stiff goldenrod	1.8	
<i>Tradescantia ohiensis</i>	Spiderwort	10.8	
<i>Verbena stricta</i>	Hoary vervain	3.5	
Total Forbs		95.3	6.0
Total All Species		260.3	16.3
Temporary Cover Crop:			
<i>Elymus canadensis</i>	Canada wild rye	32.0	2.0
<i>Avena sativa</i>	Common oats	320.0	20.0

This work shall be measured for payment in ACRES.

This work shall be paid for at the contract unit price per ACRE for SEEDING (SPECIAL), SHORT GRASS MESIC PRAIRIE MIX which price shall include all materials, labor and equipment listed in the applicable sections of the detailed specifications and noted above and on the plans.

SEEDING (SPECIAL), WET MESIC PRAIRIE MIX

This work shall be performed in accordance with applicable portions of the SOIL PREPARATION FOR NATIVE SEEDING and NATIVE SEEDING detailed specifications included at the end of these special provisions, and as directed by the engineer. The wet mesic prairie seed mix below shall be used on all areas specified in the plans.

WET-MESIC PRAIRIE SEED MIXTURE (per acre)

Scientific name	Common Name	Oz./Acre	lbs./Acre
Grasses, Rushes & Sedges:			
<i>Andropogon scoparius</i>	Little bluestem	38.6	
<i>Carex scoparia</i>	Pointed broom sedge	2.4	
<i>Carex vulpinoidea</i>	Brown fox sedge	1.6	
<i>Juncus effusus</i>	Common rush	0.1	
<i>Panicum virgatum</i>	Switch grass	47.2	
<i>Spartina pectinata</i>	Prairie cord grass	9.0	
Total Grasses, Rushes, & Sedges		98.8	6.2
Forbs:			
<i>Asclepias incarnata</i>	Swamp milkweed	18.7	
<i>Aster novae-angliae</i>	New England aster	1.4	
<i>Echinacea purpurea</i>	Purple coneflower	8.6	
<i>Eryngium yuccifolium</i>	Rattlesnake master	7.1	
<i>Helenium autumnale</i>	Sneezeweed	0.6	
<i>Lobelia siphilitica</i>	Great blue lobelia	0.5	
<i>Lobelia cardinalis</i>	Cardinal flower	0.5	
<i>Monarda fistulosa</i>	Wild bergamot	0.4	
<i>Penstemon digitalis</i>	Foxglove beard tongue	1.0	
<i>Physostegia virginiana</i>	Obedient plant	3.4	
<i>Ratibida pinnata</i>	Yellow coneflower	1.1	
<i>Rudbeckia hirta</i>	Black eyed Susan	1.0	
<i>Rudbeckia subtomentosa</i>	Sweet black-eyed Susan	1.9	
<i>Solidago riddellii</i>	Riddell's goldenrod	1.2	
<i>Zizia aurea</i>	Golden Alexanders	2.6	
Total Forbs		49.9	3.1
Total All Species		148.7	9.3
Temporary Cover Crop:			
<i>Elymus canadensis</i>	Canada wild rye	16.0	1.0
<i>Elymus virginicus</i>	Virginia wild rye	16.0	1.0
<i>Avena sativa</i>	Common oats	320.0	20.0

This work shall be measured for payment in ACRES.

This work shall be paid for at the contract unit price per ACRE for SEEDING (SPECIAL), WET MESIC PRAIRIE MIX which price shall include all materials, labor and equipment listed in the applicable sections of the detailed specifications and noted above and on the plans.

SEEDING (SPECIAL), WET PRAIRIE MIX

This work shall be performed in accordance with applicable portions of the SOIL PREPARATION FOR NATIVE SEEDING and NATIVE SEEDING detailed specifications included at the end of these special provisions, and as directed by the engineer. The wet mesic prairie seed mix below shall be used on all areas specified in the plans.

WET PRAIRIE SEED MIXTURE (per acre)

Scientific name	Common Name	Oz./Acre	lbs./Acre
Grasses, Rushes, & Sedges:			
<i>Calamagrostis canadensis</i>	Blue joint grass	1.5	
<i>Carex comosa</i>	Bristly sedge	1.4	
<i>Carex vulpinoidea</i>	Brown fox sedge	1.6	
<i>Glyceria striata</i>	Fowl mana grass	2.0	
<i>Juncus effusus</i>	Common rush	0.1	
<i>Juncus torreyi</i>	Torrey's rush	0.1	
<i>Panicum virgatum</i>	Switch grass	47.2	
Total Rushes, Grasses & Sedges		53.9	3.4
Forbs:			
<i>Aster novae-angliae</i>	New England aster	1.4	
<i>Asclepias incarnata</i>	Swamp milkweed	18.7	
<i>Helenium autumnale</i>	Sneezeweed	0.6	
<i>Lobelia siphilitica</i>	Great blue lobelia	0.5	
<i>Lobelia cardinalis</i>	Cardinal flower	0.5	
<i>Penstemon digitalis</i>	Foxglove beard tongue	1.0	
<i>Physostegia virginiana</i>	Obedient plant	4.5	
<i>Pycnanthemum virginianum</i>	Common mountain mint	0.3	
<i>Rudbeckia subtomentosa</i>	Sweet black-eyed Susan	3.1	
<i>Rudbeckia hirta</i>	Black eyed Susan	1.0	
<i>Solidago riddellii</i>	Riddell's goldenrod	1.2	
<i>Zizia aurea</i>	Golden Alexanders	2.6	
Total Forbs		35.4	2.2
Total All Species		89.3	5.6
Temporary Cover Crop:			
<i>Elymus virginicus</i>	Virginia wild rye	32.0	2.0
<i>Avena sativa</i>	Common oats	320.0	20.0

This work shall be measured for payment in ACRES.

This work shall be paid for at the contract unit price per ACRE for SEEDING (SPECIAL), WET PRAIRIE MIX which price shall include all materials, labor and equipment listed in the applicable sections of the detailed specifications and noted above and on the plans.

PERENNIAL PLANTS, PRAIRE TYPE, 2" DIAMETER BY 4" DEEP PLUG

This work shall be performed in accordance with applicable portions of the HERBACEOUS PERENNIAL PLANTING detailed specifications included at the end of these special provisions, and as directed by the engineer. The prairie plugs noted below shall be used on all areas specified in the plans.

SWALE AND WET PRAIRIE

Scientific name	Common Name	# of Plugs	Spacing
<i>Asclepias incarnata</i>	Swamp milkweed	5% of total	Alt. 2.5' O.C.
<i>Carex vulpinoidea</i>	Brown fox sedge	50% of total	Alt. 2.5' O.C.
<i>Eryngium yuccifolium</i>	Rattlesnake master	5% of total	Alt. 2.5' O.C.
<i>Helenium autumnale</i>	Sneezeweed	5% of total	Alt. 2.5' O.C.
<i>Iris virginica</i>	Blue flag iris	10% of total	Alt. 2.5' O.C.
<i>Liatris spicata</i>	Marsh blazing star	5 % of total	Alt. 2.5' O.C.
<i>Lobelia cardinalis</i>	Cardinal flower	10% of total	Alt. 2.5' O.C.
<i>Physostegia virginiana</i>	False dragonhead	5% of total	Alt. 2.5' O.C.
<i>Spartina pectinata</i>	Prairie cordgrass	5% of total	Alt. 2.5' O.C.

This work shall be measured for payment in UNIT.

This work shall be paid for at the contract unit price per UNIT for PERENNIAL PLANTS, PRAIRIE TYPE, 2" DIAMETER BY 4" DEEP PLUG which price shall include all materials, labor and equipment listed in the applicable sections of the detailed specifications and noted above and on the plans.

PERENNIAL PLANTS, WETLAND TYPE, 2" DIAMETER BY 4" DEEP PLUG

This work shall be performed in accordance with applicable portions of the HERBACEOUS PERENNIAL PLANTING detailed specifications included at the end of these special provisions, and as directed by the engineer. The wetland plugs noted below shall be used on all areas specified in the plans.

SHORELINE EDGE PLANT PLUGS

Scientific name	Common Name	# of Plugs	Relation to NWL	Spacing
<i>Carex vulpinoidea</i>	Brown fox sedge	10% of total	6" above NWL	Alt. 2.5' O.C.
<i>Juncus effusus</i>	Common rush	5% of total	6" above to 3" below NWL	Alt. 2.5' O.C.
<i>Iris virginica</i>	Blue flag iris	10% of total	1' above to 3" below NWL	Alt. 2.5' O.C.
<i>Liatris spicata</i>	Marsh blazing star	5% of total	1' above NWL	Alt. 2.5' O.C.
<i>Lobelia cardinalis</i>	Cardinal flower	5% of total	1' above NWL	Alt. 2.5' O.C.
<i>Pontederia cordata</i>	Pickerel weed	25% of total	1'-1.5' below NWL	Alt. 3.0' O.C.
<i>Sparganium</i>	Burreed	35% of total	6"-1' below NWL	Alt. 2.0' O.C.
<i>Spartina pectinata</i>	Prairie cordgrass	5% of total	1' above NWL	Alt. 2.5' O.C.

This work shall be measured for payment in UNIT.

This work shall be paid for at the contract unit price per UNIT for PERENNIAL PLANTS, WETLAND TYPE, 2" DIAMETER BY 4" DEEP PLUG which price shall include all materials, labor and equipment listed in the applicable sections of the detailed specifications and noted above and on the plans.

SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE

This work shall consist of the construction of a temporary stabilized construction entrance in the location shown on the plans. The entrance shall be constructed of stone, timbers, another non-erodible material as to minimize the amount of debris and sediment tracked from the work area.

The material used in the construction entrance must be approved by the Engineer prior to construction of the entrance.

The materials shall be removed and replaced when half full of sediment to ensure continuous functionality.

This work shall be measured for payment in SQUARE YARDS.

This work shall be paid for at the contract unit price per SQUARE YARD for STABILIZED CONSTRUCTION ENTRANCE which price shall include all materials, labor and machinery necessary to construct, maintain, remove and dispose of the temporary stabilized construction entrance.

STONE LINED DITCH (PERMANENT DITCH CHECKS)

This work shall consist of the installation of permanent stone ditch checks as shown on plan and in details.

Limestone blocks, bedding, geotextile fabric, and any other materials need for installation of the ditch check will not be paid for separately and cost shall all be included in the unit cost of the permanent ditch check.

This work will be measured for payment in units of EACH per permanent ditch check.

This item shall be at the contract unit price, per EACH, for STONE LINED DITCH (PERMANENT DITCH CHECKS) and shall include all work, equipment, labor and materials to complete the item.

SOIL PREPARATION

Area shall be disked to a depth no less than 24 inches and finished for seeding in accordance with Section 211.05 and 211.06 of the Standard Specifications, and as directed by the engineer.

Work shall also include herbicide spraying in accordance with the applicable portions of Section 107 of the Standard Specifications.

Herbicide application shall effectively kill all species found onsite, barring those marked for protection.

Measurement will be the plan quantity in ACRES, without final field measurement. Adjustment may be made to the plan quantities if agreed to by both the Engineer and the Contractor.

This work shall be paid for at the contract unit price per ACRE for SOIL PREPARATION.

FLAP GATE 24"

This work shall consist of the installation of a 24" diameter flap gate within proposed catch based as shown on plans and per detail. Flap gate shall be installed so that flow is only allowed in the direction of the pipe slope.

This work will be measured for payment in units of EACH per flap gate.

This item shall be at the contract unit price, per each, for FLAP GATE 24" (NEENAH R-5050 OR EQUAL) and shall include all work, equipment, labor and materials to complete the item.

PROPOSED STORM SEWER CONNECTION TO EXISTING MANHOLE

This item shall consist of core-drilling existing structures and the installation of the proposed storm sewer pipe. This item shall be used where proposed sewer is to be installed and connected to an existing structure. All pipe connections to existing structures shall be made by core-drilling the wall of the existing structure and installing the storm sewer. The existing structure shall be core-drilled with a mechanical powered rotary core drill. The hole shall be watertight with the connector as directed by the Engineer. This item shall be in accordance with the Standard Specifications.

The connection of proposed storm sewer to existing storm structure will be measured as one each, independent of the size of proposed pipe and existing structure diameter.

This work will be measured for payment in place in units of EACH per connection to existing structure.

This item shall be at the contract unit price, per EACH, for PROPOSED STORM SEWER CONNECTION TO EXISTING MANHOLE and shall include all work, equipment, labor and materials to complete the item.

REMOVE EXISTING FLARED END SECTION

This work shall consist of the removal of existing flared end sections of the size noted on the plans.

This work will be measured for payment in units of EACH per flared end section removed.

This item shall be at the contract unit price, per each, for REMOVE EXISTING FLARED END SECTION shall include all work, equipment, labor and materials to complete the item.

MANHOLES, TYPE A, 6'-DIAMETER, WITH 2 TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE (SEE DETAIL)

This work consists of the installation of Manhole of the size, type, and depth shown on the plans with integrated restrictor plate as shown on details in plan.

This work shall be performed in accordance with Section 602 of the Standard Specifications for Road and Bridge Construction (latest edition). Two Type 1 frames and closed lids shall be used.

This work will be measured for payment in units of EACH per manhole with integrated restrictor plate installed.

This work will be paid for at the contract unit price for EACH for MANHOLES, TYPE A, 6'-DIAMETER, WITH 2 TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE (SEE DETAIL), of the diameter specified and shall include the cost of Type 1 frames and lids, and restrictor plates.

DRAINAGE STRUCTURES WITH RESTRICTOR (8' X 4' INLET BOX, R-3438 F&G OR EQUAL) (SEE DETAIL)

This work consists of the installation of Drainage Structure of the size, type, and depth shown on the plans with integrated restrictor plate as shown on details in plan.

This work shall be performed in accordance with Section 602 of the Standard Specifications for Road and Bridge Construction (latest edition).

This work will be measured for payment in units of EACH per manhole with integrated restrictor plate installed.

This work will be paid for at the contract unit price for EACH for DRAINAGE STRUCTURES WITH RESTRICTOR (8' X 4' INLET BOX, R-3438 F&G OR EQUAL) (SEE DETAIL), of the size specified and shall include the cost of Neenah R-3834-A (or approved equal) frame and grate, and restrictor plates.

STONE OUTCROPPING, LIMESTONE

This work shall consist of installation of limestone outcrop slabs in the location shown on the plans. The stones shall adhere to the typical dimensions as shown on sheet C-24 of the plans. Non-woven geotextile shall be keyed in to the native soils as shown on sheet C-24. The subbase for the limestone outcroppings shall consist of IDOT CA-7, and shall be washed. The subbase shall be applied in compacted in lifts no greater than six (6) inches. The outcropping slabs shall be keyed into the surrounding soil such that the uphill edge of each stone is no greater than two (2) inches is proud of the ground surface.

Limestone outcropping slabs furnished by the Contractor shall comply with the following requirements:

Parameter and/or Testing Procedure	Acceptable Value
Type/Classification	Class 2 medium density dolomitic limestone
Average Adsorption, ASTM C97	Less than 8%
Average Bulk Specific Gravity, ASTM C97	2.10 or greater At least 130 lbs/cubic foot
Average density, ASTM C97	
Compressive Strength, ASTM C-170	At least 10,000 psi (average)
Modulus of Rupture, ASTM C-99	At least 1,000 psi (average)
Flexural Strength, ASTM C-880	At least 900 psi (average)

Avoid damaging limestone slabs. Limestone damaged by the Contractor's operations will be replaced by the Contractor at their own cost. Follow limestone supplier's recommendations, if any, for delivery, handling, storage, and placement.

This work shall be measured for payment in EACH.

This work shall be paid for at the contract unit price per EACH for STONE OUTCROPPING, LIMESTONE and shall include all work, equipment, labor and materials noted above to complete the item.

FENCE REMOVAL AND REINSTALLATION

This work includes the removal and resetting of existing fencing that conflicts with the proposed improvements, including posts and post foundations required to complete the work.

The fencing will be re-established at their permanent location as shown on the plans or as directed by the Engineer as soon as the construction operations permit. Additional compensation will NOT be allowed for varying types or heights comprising of the existing fencing. It will be the Contractor's responsibility to determine the type of materials required to complete the relocation operations.

Any fencing damaged by the Contractor beyond the limits marked by the Engineer shall be replaced as incidental.

This work will be paid for at the contract unit price per FOOT for FENCE REMOVAL AND RESINSTALLATION, which price shall be payment in full for all of the work as specified above.

CONSTRUCTION LAYOUT

This work shall be performed in accordance with the IDOT Supplemental Specifications and Recurring Special Provisions (SSRSP) – Adopted January 1, 2018, and as directed by the Engineer. This work shall be performed per the Special Provision for Construction Layout Stakes outlined in the SSRSP.

This work shall be measured for payment in LUMP SUM.

This work shall be paid for at the contract unit price per LUMP SUM for CONSTRUCTION LAYOUT which price shall include all materials, labor and equipment to complete the items listed in the SSRSP for Construction Layout Stakes.

MONITORING AND MAINTENANCE

Maintenance of the native vegetation is vital to the success of the project. The items outlined in this specification are recommendations for achieving a successful establishment and management of the native vegetation. Twice annual monitoring of all native plant communities shall be conducted for three full growing seasons following initial implementation; one season for the stone rip rap streambank areas. **This work falls under the category of landscaping and therefore the prevailing wage requirements are not applicable to this work.**

The site visits each year shall be conducted between June 1 and September 30. Each visit shall be conducted by a qualified professional with adequate plant identification skills and who is also able to make recommendations regarding management of native plant communities and stream structure maintenance. The site inspector shall collaborate over the needed maintenance requirements for a given year with the Village of Homer Glen and the Engineer.

The preferred management schedule and performance standards for all native plant communities following initial installation is as follows:

Herbicide application:

Contractor shall eradicate herbaceous noxious weed species. It is the responsibility of the contractor to protect native species and areas outside of the project area during execution of the work described in this section. The contractor shall restore all areas affected or disturbed by the work according to the approved plans and specifications at no additional cost to the owner. The contractor shall maintain copies at the project site of all current pesticide applicator's licenses, herbicide labels, and SDS's (safety data sheets) for all chemicals utilized during completion of the work. Herbicide shall be mixed and placed in containers away from any natural area, trees, shrubs, herbaceous or woody growth, or body of water. Herbicides shall not be transported to the work area in any container other than that used for application. Wick or spot application with Rodeo or Aqua Neat including but not limited to: reed canary grass, teasel, buckthorn, thistles, sweet clover, and purple loosestrife present in the project vicinity should be treated directly with a 2.5% solution of rodeo or aqua neat. Best application period is just before or during the very earliest stages of flowering. Where large patches of target weeds are present it may be necessary to use a larger wick or broadcast unit. Buckthorne and purple loosestrife are best treated with 5% or 2.5% Garlon 3A foliar spray or equivalent, respectively. Phragmites are best treated through a wicking treatment of 33% Rodeo or equivalent solution. Several back-to-back treatments may be useful in greatly reducing these plants.

Mowing:

The contractor shall mow native plant communities to a height of 8"-10" after vegetation is said areas reaches a height of 24" and before non-native species go to seed two times during first growing season. The contractor shall also mow to a height of 12" up to two times during the second growing season (approximately mid-June and mid-August) and possibly one time during the third growing season (approximately mid-June) unless the Engineer determines that mowing is not needed. Mowing should be done with a rotary bush hog style mower to ensure clippings are dispersed rather than deposited in dense mats, which smother vegetation, or the clippings/branches should be removed from the mowed area.

Prescribed Burning:

Prescribed burning shall be the primary method for long-term ecological management and weed control on the site. Burning shall begin following the third growing season and conducted in spring (mid-March-April) or fall (November-December). Burning should be conducted by a licensed contractor experienced in burn planning and permit application as well as prescribed burn management. Prior to the commencement of prescribed burning, the contractor shall compile a burn plan that outlines a plan of action, identifies contingencies, and lists the names and phone numbers of emergency agencies (fire department, police department, etc.). Proper notice of intent to burn shall be given. The contractor shall apply for and receive all required permits prior to the commencement of prescribed burning.

This work shall be measured for payment in YEAR.

This work shall be paid for at the contract unit price per YEAR for MONITORING AND MAINTENANCE which price shall include all machinery, herbicide, permitting, labor, equipment and all associated items as described above.

EDUCATIONAL SIGN

Educational signs shall be supplied by the Contractor and installed in the location depicted on sheets C-12, C-13, and C-14 of the Construction Plans. The sign base and frame shall be permanently installed in the location shown on the Construction Plans. The sign base shall be constructed of rust free, high-strength aluminum and have all corners rounded for both safety and aesthetics. The sign base shall have weep holes along the bottom for water drainage, a removable top rail for changing the panel, a tamper proof connection to protect from theft, matte black finish and built to National Park Service standards. The manufacturer shall be Pannier or an equivalent manufacturer.

The educational sign shall be furnished with an interpretive panel. The panel shall provide an explanation for the purpose and function of the raingardens, bioswale, and wet mesic prairie plantings in the naturalized detention basins. The plants and flowers shown on panels should reflect those that are in the associated seed mixes. Signs shall also include logos of the Village of Homer Glen, IEPA, and HR Green. The panels shall be the 24"x36" "Raingardens", "Bioswale", "Wet-Mesic Prairie" produced by Pulse Design modified to be specific to the Heritage Park Detention Basin, Bioswale & Mass Grading project or an equivalent approved panel.

Draft panel designs shall be submitted to the Engineer for review and approval by the Engineer, Village of Homer Glen, and IEPA prior to installation.

This sign base, panel and work will be paid for at the contract unit price per EACH for EDUCATIONAL SIGN. The payment shall include all materials, labor and equipment to complete the item including procurement, the sign panel and base, and installation.

IEPA SIGN

IEPA grant signs shall be supplied by the Contractor and installed in the location depicted on sheets C-11, C-13, and C-15 of the Construction Plans. The sign base and frame shall be permanently installed in the location shown on the Construction Plans. The sign base shall be constructed of rust free, high-strength aluminum and have all corners rounded for both safety and aesthetics. The sign base shall have weep holes along the bottom for water drainage, a removable top rail for changing the panel, a tamper proof connection to protect from theft, matte black finish and built to National Park Service standards. The manufacturer shall be Pannier or an equivalent manufacturer.

Design of IEPA sign shall be per detail in plans. Sign panel shall be aluminum.

Draft panel design shall be submitted to the Engineer for review and approval by the Engineer, Village of Homer Glen, and IEPA prior to installation.

This sign base, panel and work will be paid for at the contract unit price per EACH for IEPA SIGN. The payment shall include all materials, labor and equipment to complete the item including procurement, the sign panel and base, and installation.

SOIL PREPARATION

FOR NATIVE SEEDING

PART 1. GENERAL

1.1 DESCRIPTION

- A. THIS SECTION INCLUDES PREPARATION OF SOIL PRIOR TO NATIVE SEEDING AND/OR PLANTING IN AREAS DESIGNATED ON THE PLANS.

1.2 RELATED SECTIONS

- A. NATIVE SEEDING, HERBACEOUS PERENNIAL PLANTING

1.3 QUALITY ASSURANCE

- A. QUALIFICATIONS OF WORKMEN: PROVIDE AT LEAST ONE PERSON WHO SHALL BE PRESENT AT ALL TIMES DURING EXECUTION OF THIS PORTION OF THE WORK, WHO SHALL BE THOROUGHLY FAMILIAR WITH THE TYPE AND OPERATION OF EQUIPMENT BEING USED. SAID PERSON SHALL DIRECT ALL WORK PERFORMED UNDER THIS SECTION.
- B. STANDARDS: ALL MATERIALS, EQUIPMENT, AND PROCEDURES USED DURING THIS PORTION OF THE WORK SHALL MEET OR EXCEED APPLICABLE FEDERAL, STATE, COUNTY AND LOCAL LAWS AND REGULATIONS.

1.4 SUBMITTALS

- A. EQUIPMENT: THE CONTRACTOR SHALL PROVIDE A LIST OF EQUIPMENT AND A DESCRIPTION AND LOCATION OF ITS INTENDED USE, AND A LIST OF SAID PERSONS PERFORMING THE WORK AND THEIR QUALIFICATIONS FOR OPERATING AND MAINTAINING THE LISTED EQUIPMENT.

PART 2. PRODUCTS

2.1 MATERIALS

- A. HERBACEOUS SPECIES TO BE REMOVED IN AREAS WITHOUT STANDING WATER OR SATURATED SOILS SHALL BE TREATED WITH GLYPHOSATE, N-(PHOSPHONOMETHYL) GLYCINE, TRADE NAME ROUNDUP OR EQUIVALENT AS APPROVED IN WRITING BY OWNER.
- B. HERBACEOUS SPECIES TO BE REMOVED IN AREAS WITH STANDING WATER OR SATURATED SOILS SHALL BE TREATED WITH GLYPHOSATE, N-(PHOSPHONOMETHYL) GLYCINE IN A FORM APPROVED FOR AQUATIC APPLICATIONS SUCH AS RODEO OR EQUIVALENT AS APPROVED IN WRITING BY OWNER.
- C. OTHER PRODUCTS SUCH AS GRASS-SPECIFIC HERBICIDES MAY BE PROPOSED BY THE CONTRACTOR AND APPROVED IN WRITING BY THE OWNER.

PART 3. EXECUTION

3.1 METHOD

- A. PRIOR TO SEEDING, AREAS NOT REGRADED AND CONTAINING TURF, OLD FIELD, OR OTHER NON-NATIVE HERBACEOUS VEGETATION SHALL BE HERBICIDED TWICE (2×) AND DISCED ONCE (1×) BETWEEN HERBICIDE TREATMENTS UNTIL

100% OF VEGETATION IS DEAD FOLLOWING APPLICATION METHODS IN 2.1 OF THIS SECTION. SEEDING SHALL BE DONE NO SOONER THAN 2 WEEKS AFTER THE LAST HERBICIDE TREATMENT.

- B. PRIOR TO SEEDING AND/OR PLANTING, CONTRACTOR SHALL CHECK COMPACTION OF TOPSOIL (0-6" DEPTH) AND NORMAL SUBSOIL DEPTH (6-12" DEPTH). A HAND OPERATED CONE PENETROMETER WILL BE USED TO CONFIRM A 50 PSI SPECIFICATION STANDARD.
- C. ALL FOREIGN MATTER LARGER THAN FOUR INCHES IN ANY DIMENSION SHALL BE REMOVED FROM THE AREAS TO BE SEEDED AND/OR PLANTED.
- D. PRIOR TO SEEDING AND PLANTING, AREAS DISTURBED BY CONSTRUCTION VEHICLES AND TRAFFIC SHALL BE RESTORED TO GRADE, DISCED, RAKED, AND CHECKED FOR COMPACTION AS IN 3.1B.
- E. WITHIN 24 HOURS OF SEEDING, NATIVE SEEDING AREAS SHALL BE BLANKETED OR STRAW MULCHED PER THE PLANS.

3.2 CLEAN-UP, REMOVAL AND REPAIR

- A. CLEAN UP: THE WORK AREA SHALL BE KEPT FREE OF DEBRIS BY THE CONTRACTOR. AT NO TIME SHALL TRASH OR OTHER MATERIAL BE ALLOWED TO ACCUMULATE AT THE PROJECT SITE. ALL TOOLS SHALL BE KEPT IN APPROPRIATE CARRYING CASES, TOOL BOXES, ETC. PARKING AREAS, ROADS, SIDEWALKS, PATHS, TRAILS, AND PAVED AREAS SHALL BE KEPT FREE OF MUD AND DIRT.
- B. REMOVAL: AFTER WORK HAS BEEN COMPLETED REMOVE TOOLS AND ALL OTHER DEBRIS GENERATED BY THE CONTRACTOR.
- C. REPAIR: THE CONTRACTOR SHALL REPAIR ANY DAMAGES THAT OCCURRED DURING COMPLETION OF THE WORK DESCRIBED IN THIS SECTION. SAID DAMAGES MAY INCLUDE, BUT ARE NOT LIMITED TO, TIRE RUTS IN THE GROUND, DAMAGE TO PLANTED AREAS, DAMAGE TO TRAILS, ETC. ALL AREAS DAMAGED BY THE CONTRACTOR DURING THE EXECUTION OF THIS WORK SHALL BE REPAIRED BY CONTRACTOR AND RESTORED TO THE CONDITIONS SHOWN ON THE PLANS AT NO ADDITIONAL COST TO THE OWNER. ALL AREAS OUTSIDE OF THE CONSTRUCTION LIMITS DISTURBED BY CONSTRUCTION SHALL BE RESTORED TO THE PRE-CONSTRUCTION CONDITIONS.

3.3 INSPECTION

- A. AFTER COMPLETION OF SOIL PREPARATION, THE CONTRACTOR SHALL SCHEDULE WITH THE OWNER A FINAL ACCEPTANCE INSPECTION OF SOIL PREPARATION.

3.4 ACCEPTANCE

- A. FINAL ACCEPTANCE: THIS PORTION OF THE WORK SHALL BE CONSIDERED 100% COMPLETE AFTER THE CONTRACTOR HAS COMPLETED ALL REQUIRED CLEAN UP AS DESCRIBED IN 3.2 OF THIS SECTION AND THE PERFORMANCE STANDARD IN SECTION 3.4B HAS BEEN MET.

NATIVE SEEDING

PART 1. GENERAL

1.1 DESCRIPTION

- A. THIS SECTION INCLUDES INSTALLATION OF NATIVE SEED AS DESIGNATED ON THE PLANS.

1.2 RELATED SECTIONS

- A. SOIL PREPARATION

1.3 QUALITY ASSURANCE

- A. QUALIFICATIONS OF WORKERS: PROVIDE AT LEAST ONE PERSON WHO SHALL BE PRESENT AT ALL TIMES DURING EXECUTION OF THIS PORTION OF THE WORK, WHO SHALL BE THOROUGHLY FAMILIAR WITH THE TYPE AND OPERATION OF EQUIPMENT BEING USED. SAID PERSON SHALL DIRECT ALL WORK PERFORMED UNDER THIS SECTION.
- B. STANDARDS: ALL MATERIALS AND METHODS USED DURING THIS PORTION OF THE WORK SHALL MEET OR EXCEED APPLICABLE FEDERAL, STATE, COUNTY AND LOCAL LAWS AND REGULATIONS. ALL SEED SHALL BE FREE FROM INSECTS AND DISEASE. SPECIES SHALL BE TRUE TO THEIR SCIENTIFIC NAME AS SPECIFIED.

1.4 SUBMITTALS

- A. MATERIALS: THE CONTRACTOR SHALL SUBMIT TO THE OWNER FOR APPROVAL A COMPLETE LIST OF ALL MATERIALS TO BE USED DURING THIS PORTION OF THE WORK PRIOR TO DELIVERY OF ANY MATERIALS TO THE SITE. INCLUDE COMPLETE DATA ON SOURCE, AMOUNT AND QUALITY. THIS SUBMITTAL SHALL IN NO WAY BE CONSTRUED AS PERMITTING SUBSTITUTION FOR SPECIFIC ITEMS DESCRIBED ON THE PLANS OR IN THESE SPECIFICATIONS UNLESS APPROVED IN WRITING BY THE OWNER. ANY SUBSTITUTIONS MADE TO THE ORIGINAL SEED LISTS SHALL BE APPROVED IN WRITING BY THE VILLAGE'S CONSULTING ECOLOGIST.
- B. EQUIPMENT: THE CONTRACTOR SHALL PROVIDE A LIST OF EQUIPMENT AND A DESCRIPTION AND LOCATION OF ITS INTENDED USE, AND A LIST OF SAID PERSONS PERFORMING THE WORK AND THEIR QUALIFICATIONS FOR OPERATING AND MAINTAINING THE LISTED EQUIPMENT.
- C. AFTER THE WORK IS COMPLETED THE CONTRACTOR SHALL SUBMIT TO THE OWNER RECORD DRAWINGS THAT SHOW IN RED INK ON THE ORIGINAL PLANS ANY FIELD CHANGES OR DEVIATIONS FROM THE ORIGINAL PLANS.

PART 2. PRODUCTS

2.1 MATERIALS

- A. ALL GRASS SPECIES SHALL BE SUPPLIED AS PURE LIVE SEED. SEE SEEDING LISTS BELOW AND/OR PLANTING PLAN FOR SEEDING LISTS AND QUANTITIES.
- B. SEED OF ALL SPECIES NATIVE TO ILLINOIS SHALL BE FROM WITHIN A 200-MILE RADIUS OF THE PROJECT SITE UNLESS APPROVED IN WRITING BY THE VILLAGE'S CONSULTING ECOLOGIST.

C. STRAW OR HAY FOR EROSION CONTROL (IF APPLICABLE PER THE PLAN) SHALL BE CLEAN, SEED-FREE HAY OR THRESHED STRAW OR WHEAT, RYE, OATS, OR BARLEY.

D. SEED MIXES & QUANTITIES:
SEE LANDSCAPE PLAN AND/OR SPECIAL PROVISIONS

PART 3. EXECUTION

3.1 METHOD

- A. PRIOR TO SEEDING, AREAS NOT REGRADED AND CONTAINING TURF, OLD FIELD, OR OTHER NON-NATIVE HERBACEOUS VEGETATION SHALL BE HERBICIDED TWICE (2×) AND DISCED ONCE (1×) BETWEEN HERBICIDE TREATMENTS UNTIL 100% OF VEGETATION IS DEAD FOLLOWING APPLICATION METHODS IN SECTION: SOIL PREPARATION.
- B. SEEDING SHALL BE PREFERENTIALLY CONDUCTED IN SPRING (AS SOON AS THE SOIL IS FREE OF FROST AND IN A WORKABLE CONDITION BUT NO LATER THAN JUNE 30) OR AS A LATE FALL DORMANT SEEDING (AFTER NOVEMBER 1ST).
- C. ALL SEED SHALL BE PREFERENTIALLY INSTALLED WITH A RANGELAND TYPE GRAIN DRILL OR NO-TILL PLANTER, SUCH AS BY TRUAX OR EQUIVALENT, OR BROADCAST INTO A LIGHTLY TILLED SOIL SURFACE, FOLLOWED BY IMPRESSING SEED INTO THE SOIL WITH A CULTIPACKER ROLLER. ALL METHODS SHALL BE APPROVED BY THE OWNER
- D. IF SOIL IS TOO WET OR GRADE IS TOO STEEP TO INSTALL SEED AS DESCRIBED IN 3.1C ABOVE, A MECHANICAL BROADCAST SEEDER, SUCH AS A CYCLONE, SHALL BE USED. HAND BROADCASTING OF SEED MAY ALSO BE EMPLOYED. WITHIN 24 HOURS, OR AS SOON AS SITE CONDITIONS PERMIT, BROADCAST SEEDED AREAS SHALL BE ROLLED OR DRAGGED PERPENDICULAR TO THE SLOPE.
- E. WITHIN 24 HOURS OF SEEDING, SPECIFIED EROSION CONTROL BLANKET OR STRAW MULCH SHALL BE INSTALLED PER MANUFACTURES' SPECIFICATIONS SHOWN ON THE PLANS.
- F. IF AREA TO BE SEEDED WAS TREATED WITH HERBICIDE, SEEDING SHALL OCCUR NO LESS THAN 14 DAYS AFTER HERBICIDE APPLICATION.

3.2 CLEAN-UP, REMOVAL AND REPAIR

- A. CLEAN UP: THE WORK AREA SHALL BE KEPT FREE OF DEBRIS BY THE CONTRACTOR. AT NO TIME SHALL TRASH OR OTHER MATERIAL BE ALLOWED TO ACCUMULATE AT THE PROJECT SITE. ALL TOOLS SHALL BE KEPT IN APPROPRIATE CARRYING CASES, TOOL BOXES, ETC. PARKING AREAS, ROADS, SIDEWALKS, PATHS, TRAILS, AND PAVED AREAS SHALL BE KEPT FREE OF MUD AND DIRT.
- B. REMOVAL: AFTER WORK HAS BEEN COMPLETED REMOVE TOOLS AND ALL OTHER DEBRIS GENERATED BY THE CONTRACTOR.
- C. REPAIR: THE CONTRACTOR SHALL REPAIR ANY DAMAGES THAT OCCURRED DURING COMPLETION OF THE WORK DESCRIBED IN THIS SECTION. SAID DAMAGES MAY INCLUDE, BUT ARE NOT LIMITED TO, TIRE RUTS IN THE GROUND, DAMAGE TO PROTECTED TREES OR OTHER PLANTING AREAS, DAMAGE TO TRAILS, ETC. ALL AREAS DAMAGED BY THE CONTRACTOR DURING THE EXECUTION OF THIS WORK SHALL BE REPAIRED BY THE CONTRACTOR AND

RESTORED TO THE CONDITION SHOWN ON THE PLANS AT NO ADDITIONAL COST TO THE OWNER. ALL AREAS OUTSIDE OF THE CONSTRUCTION LIMITS DISTURBED BY CONSTRUCTION SHALL ALSO BE RESTORED.

3.3 INSPECTION

- A. AFTER COMPLETION OF SEEDING, THE CONTRACTOR SHALL SCHEDULE WITH OWNER A PROVISIONAL ACCEPTANCE INSPECTION OF THE WORK.

3.4 ACCEPTANCE AND GUARANTEE (PERFORMANCE STANDARDS)

- A. PROVISIONAL ACCEPTANCE: THE WORK SHALL BE CONSIDERED 90% COMPLETE AFTER ALL SEED HAS BEEN INSTALLED AND THE CONTRACTOR HAS COMPLETED ALL REQUIRED CLEAN UP, REMOVAL, AND REPAIR AS DESCRIBED IN 3.2 OF THIS SECTION.
- B. FINAL ACCEPTANCE: THE WORK SHALL BE CONSIDERED 100% COMPLETE AFTER THE CONTRACTOR HAS MET OR EXCEEDED THE PERFORMANCE STANDARDS GIVEN IN 3.4C OF THIS SECTION.
- C. THE CONTRACTOR SHALL GUARANTEE SEEDED AND/OR PLANTED AREAS WILL MEET OR EXCEED THE FOLLOWING PERFORMANCE CRITERIA THREE FULL GROWING SEASONS AFTER PROVISIONAL ACCEPTANCE: 80% TOTAL (AERIAL) PLANT COVER AND AT LEAST 60% RELATIVE COVER BY SEEDED AND/OR PLANTED NATIVE SPECIES IN EACH NATIVE PLANT COMMUNITY. IN ADDITION, NON-NATIVE AND/OR INVASIVE NATIVE SPECIES SHALL COLLECTIVELY NOT COMPRISE GREATER THAN 30% RELATIVE COVER IN EACH NATIVE PLANT COMMUNITY. OPPORTUNISTIC INVASIVE/NON-NATIVE SHRUBS AND TREES SHALL NOT EXCEED 10% OF ANY PLANT COMMUNITY.
- D. REMEDIAL ACTION: IF SEEDED AREAS FAIL TO MEET THE TERMS OF THE GUARANTEE, THE CONTRACTOR WILL DEVELOP A REMEDIAL ACTION PLAN THAT TAKES INTO CONSIDERATION THE SITE GOALS AND SPECIFIC DEFICIENCIES. THE CONTRACTOR WILL SUBMIT THE REMEDIAL ACTION PLAN TO THE OWNER FOR APPROVAL THEN IMPLEMENT THE REMEDIAL ACTION PLAN AND SUBMIT A REPORT THAT DESCRIBES THE REMEDIAL ACTION TAKEN. CONTRACTOR WILL NOT BE REQUIRED TO PERFORM ADDITIONAL REMEDIAL SEEDING/PLANTING FOR A MINIMUM OF TWO GROWING SEASONS.

HERBACEOUS PERENNIAL PLANTING

PART 1. GENERAL

1.1 DESCRIPTION

- A. THIS SECTION INCLUDES INSTALLATION OF LIVE NATIVE HERBACEOUS PERENNIAL PLANTS AS DESIGNATED ON THE PLANS.

1.2 RELATED SECTIONS

- A. SOIL PREPARATION

1.3 QUALITY ASSURANCE

- A. QUALIFICATIONS OF WORKERS: PROVIDE AT LEAST ONE PERSON WHO SHALL BE PRESENT AT ALL TIMES DURING EXECUTION OF THIS PORTION OF THE WORK, WHO SHALL BE THOROUGHLY FAMILIAR WITH THE TYPE AND OPERATION OF EQUIPMENT BEING USED. SAID PERSON SHALL DIRECT ALL WORK PERFORMED UNDER THIS SECTION.
- B. STANDARDS: ALL MATERIALS AND METHODS USED DURING THIS PORTION OF THE WORK SHALL MEET OR EXCEED APPLICABLE FEDERAL, STATE, COUNTY AND LOCAL LAWS AND REGULATIONS. ALL LIVE HERBACEOUS PERENNIAL PLANTS SHALL BE FREE FROM INSECTS AND DISEASE.

1.4 SUBMITTALS

- A. MATERIALS: PRIOR TO DELIVERY OF ANY MATERIALS TO THE SITE, SUBMIT TO THE OWNER A COMPLETE LIST OF ALL LIVE HERBACEOUS PERENNIAL PLANTS TO BE USED DURING THIS PORTION OF THE WORK. INCLUDE COMPLETE DATA ON SOURCE, QUANTITY, AND QUALITY. TAGS SHALL REMAIN ON DELIVERED MATERIAL UNTIL OWNER OR VILLAGES CONSULTING ECOLOGIST'S APPROVAL. THIS SUBMITTAL SHALL IN NO WAY BE CONSTRUED AS PERMITTING SUBSTITUTION FOR SPECIFIC ITEMS DESCRIBED ON THE PLANS OR IN THESE SPECIFICATIONS UNLESS APPROVED IN WRITING BY THE OWNER. ANY SUBSTITUTIONS MADE TO THE ORIGINAL LIST SHALL BE APPROVED IN WRITING BY THE VILLAGE'S CONSULTING ECOLOGIST.
- B. EQUIPMENT: THE CONTRACTOR SHALL PROVIDE A LIST OF EQUIPMENT AND A DESCRIPTION AND LOCATION OF ITS INTENDED USE, AND A LIST OF SAID PERSONS PERFORMING THE WORK AND THEIR QUALIFICATIONS FOR OPERATING AND MAINTAINING THE LISTED EQUIPMENT.
- C. AFTER THE WORK IS COMPLETED THE CONTRACTOR SHALL SUBMIT TO THE OWNER RECORD DRAWINGS THAT SHOW IN RED INK ON THE ORIGINAL PLANS ANY FIELD CHANGES OR DEVIATIONS FROM THE ORIGINAL PLANS.

PART 2. PRODUCTS

2.1 MATERIALS

- A. ALL LIVE HERBACEOUS PLANTS SHALL BE POTTED, AT LEAST TWO YEAR OLD NURSERY GROWN STOCK FROM WITHIN A 200-MILE RADIUS OF THE PROJECT SITE UNLESS APPROVED IN WRITING BY THE VILLAGE'S CONSULTING ECOLOGIST.
- B. PLANT LISTS:
SEE LANDSCAPE PLAN

PART 3. EXECUTION

3.1 METHOD

- A. PLANTING OF ALL LIVE HERBACEOUS PERENNIAL PLANTS SHALL BE COMPLETED AFTER MAY 15 BUT NO LATER THAN JUNE 30 OR BETWEEN SEPTEMBER 1 AND OCTOBER 15.
- B. ALL LIVE HERBACEOUS PERENNIAL PLANTS SHALL BE APPROVED BY THE VILLAGE'S CONSULTING ECOLOGIST PRIOR TO INSTALLATION.
- C. PROVIDE HEALTHY, VIGOROUS LIVE HERBACEOUS PERENNIAL PLANTS; DO NOT USE MATERIALS THAT HAVE BEEN IN COLD STORAGE FOR LONGER THAN 45 DAYS.
- D. DELIVER LIVE HERBACEOUS PERENNIAL PLANTS TO PROJECT SITE AFTER PREPARATIONS FOR PLANTING HAVE BEEN COMPLETED.
- E. LIVE HERBACEOUS PERENNIAL PLANTS SHALL BE PACKED IN SUCH A MANNER AS TO INSURE ADEQUATE PROTECTION AGAINST WIND DAMAGE, DESICCATION, AND OTHER PHYSICAL DAMAGE WHILE IN TRANSIT.
- F. IF PLANTING IS DELAYED MORE THAN FOUR HOURS AFTER DELIVERY, KEEP PLANTS IN REFRIGERATED CONTAINER OR SET PLANTS IN SHADE PROTECTED FROM WEATHER AND MECHANICAL DAMAGE, AND KEEP MOIST AND COOL.
- G. ALL HERBACEOUS PERENNIAL PLANTS SHALL BE INSTALLED THROUGH SPECIFIED EROSION CONTROL BLANKET OR STRAW MULCH SHOWN ON PLANS.
- H. HERBACEOUS PERENNIAL PLANTS SHALL BE INSTALLED USING TRIANGULAR SPACING AND SPACING SHOWN ON PLAN.
- I. ALL HERBACEOUS PERENNIAL PLANTS SHALL BE HEALED IN AND WATERED TO PREVENT DESICCATION.
- J. IF PLANTING INTO AN AREA TREATED WITH HERBICIDE, PLANT MATERIALS SHALL BE INSTALLED NOT LESS THAN 14 DAYS AFTER HERBICIDE TREATMENT.

3.2 CLEAN-UP, REMOVAL AND REPAIR

- A. CLEAN UP: THE WORK AREA SHALL BE KEPT FREE OF DEBRIS BY THE CONTRACTOR. AFTER THE WORK IS COMPLETE, CLEAN UP ANY REMAINING MATERIALS, PLANT CONTAINERS, DEBRIS, TRASH, ETC. AVOID DRIVING OR WALKING OVER PLANTED AREAS TO MINIMIZE DISTURBANCE.
- B. REMOVAL: AFTER WORK HAS BEEN COMPLETED REMOVE ANY TOOLS, EQUIPMENT, CONTAINERS, AND ALL OTHER DEBRIS GENERATED BY THE CONTRACTOR.
- C. REPAIR: THE CONTRACTOR SHALL REPAIR ANY DAMAGES THAT OCCURRED DURING COMPLETION OF THE WORK DESCRIBED IN THIS SECTION. SAID DAMAGES MAY INCLUDE, BUT ARE NOT LIMITED TO, TIRE RUTS IN THE GROUND, DAMAGE TO PLANTED AREAS, DAMAGE TO TRAILS, ETC. ALL AREAS DAMAGED BY THE CONTRACTOR DURING THE EXECUTION OF THIS WORK SHALL BE REPAIRED BY CONTRACTOR AND RESTORED TO THE CONDITIONS SHOWN ON THE PLANS AT NO ADDITIONAL COST TO THE OWNER. ALL AREAS OUTSIDE OF THE CONSTRUCTION LIMITS DISTURBED BY CONSTRUCTION SHALL BE RESTORED TO THE PRE-CONSTRUCTION GRADES AND STABILIZED WITH APPROPRIATE SEED OR PLANTINGS.

3.3 INSPECTION

- A. AFTER COMPLETION OF PLANTING, THE CONTRACTOR SHALL SCHEDULE WITH THE OWNER A PROVISIONAL ACCEPTANCE INSPECTION OF THE WORK.

3.4 ACCEPTANCE AND GUARANTEE (PERFORMANCE STANDARDS)

- A. PROVISIONAL ACCEPTANCE: THE WORK SHALL BE CONSIDERED 90% COMPLETE AFTER THE CONTRACTOR HAS COMPLETED ALL REQUIRED CLEAN UP, REMOVAL, AND REPAIR AS DESCRIBED IN 3.2 OF THIS SECTION.
- B. FINAL ACCEPTANCE: THE WORK SHALL BE CONSIDERED 100% COMPLETE AFTER THE CONTRACTOR HAS MET OR EXCEEDED THE GUARANTEES GIVEN IN 3.4C. OF THIS SECTION.
- C. THE CONTRACTOR SHALL GUARANTEE PLANTED AREAS WILL MEET OR EXCEED THE FOLLOWING PERFORMANCE CRITERIA ONE FULL GROWING SEASON AFTER PROVISIONAL ACCEPTANCE: 70% SURVIVORSHIP OF ALL HERBACEOUS PLANTS. IF MORE THAN 30% OF THE PLANTS DO NOT SURVIVE AFTER ONE YEAR, THE CONTRACTOR SHALL RETURN TO THE SITE AND REPLANT LOST PLANTS AS SPECIFIED BY THE OWNER AND/OR TO MEET THE PERFORMANCE STANDARD.

NATIVE TREE PLANTING

PART 1. GENERAL

1.1 DESCRIPTION

- A. THIS SECTION INCLUDES PLANTING OF TREES AS DESIGNATED ON THE PLAN.

1.2 RELATED SECTIONS

- A. SOIL PREPARATION

1.3 QUALITY ASSURANCE

- A. QUALIFICATIONS OF WORKERS: PROVIDE AT LEAST ONE PERSON WHO SHALL BE PRESENT AT ALL TIMES DURING EXECUTION OF THIS PORTION OF THE WORK WHO SHALL BE THOROUGHLY FAMILIAR WITH THE TYPE AND OPERATION OF EQUIPMENT BEING USED. SAID PERSON SHALL DIRECT ALL WORK PERFORMED UNDER THIS SECTION.
- B. STANDARDS: ALL MATERIALS AND METHODS USED DURING THIS PORTION OF THE WORK SHALL MEET OR EXCEED APPLICABLE FEDERAL, STATE, COUNTY AND LOCAL LAWS AND REGULATIONS. ALL PLANT MATERIALS SHALL BE FREE FROM INSECTS AND DISEASE. SPECIES SHALL BE TRUE TO THEIR SCIENTIFIC NAME AS SPECIFIED.

1.4 SUBMITTALS

- A. MATERIALS: THE CONTRACTOR SHALL SUBMIT TO THE OWNER FOR APPROVAL A COMPLETE LIST OF ALL MATERIALS TO BE USED DURING THIS PORTION OF THE WORK PRIOR TO DELIVERY OF ANY MATERIALS TO THE SITE. INCLUDE COMPLETE DATA ON SOURCE, AMOUNT AND QUALITY. TAGS INDICATING GENUS AND SPECIES (I.E. CERCIS CANADENSIS) AND SIZE OF MATERIAL SHALL REMAIN ON DELIVERED MATERIAL UNTIL OWNER AND/OR VILLAGE'S CONSULTING ECOLOGIST APPROVAL. THIS SUBMITTAL SHALL IN NO WAY BE CONSTRUED AS PERMITTING SUBSTITUTION FOR SPECIFIC ITEMS DESCRIBED ON THE PLANS OR IN THESE SPECIFICATIONS UNLESS APPROVED IN WRITING BY THE OWNER. ANY SUBSTITUTIONS MADE TO THE ORIGINAL TREE LIST SHALL BE APPROVED IN WRITING BY THE VILLAGE'S CONSULTING ECOLOGIST.
- B. EQUIPMENT: THE CONTRACTOR SHALL PROVIDE A LIST OF EQUIPMENT AND A DESCRIPTION AND LOCATION OF ITS INTENDED USE, AND A LIST OF SAID PERSONS PERFORMING THE WORK AND THEIR QUALIFICATIONS FOR OPERATING AND MAINTAINING THE LISTED EQUIPMENT.
- C. AFTER THE WORK IS COMPLETED THE CONTRACTOR SHALL SUBMIT TO THE OWNER RECORD DRAWINGS THAT SHOW IN RED INK ON THE ORIGINAL PLANS ANY FIELD CHANGES OR DEVIATIONS FROM THE ORIGINAL PLANS.

PART 2. PRODUCTS

2.1 MATERIALS

- A. SEE TREE LIST BELOW AND/OR PLANTING PLAN FOR TREE LIST AND QUANTITIES.
- B. ALL TREES MUST MEET ANSI STANDARDS FOR NURSERY STOCK.

- C. TREES NATIVE TO ILLINOIS SHALL BE FROM WITHIN A 200-MILE RADIUS OF THE PROJECT SITE UNLESS APPROVED IN WRITING BY THE VILLAGE'S CONSULTING ECOLOGIST.
- D. TREES AND SHRUBS MUST BE EITHER BALLED AND BURLAPPED (B&B) OR CONTAINER GROWN ACCORDING TO SPECIFICATIONS IN THE PLAN AND MEET CALIPER, HEIGHT, AND CONTAINER SIZE REQUIREMENTS WHERE APPLICABLE.
- E. CONTAINER GROWN TREES AND SHRUBS SHALL BE PRODUCED BY A ROOT-PRUNED METHOD TO DEVELOP A DENSE, FIBROUS, NON-CURLING ROOT SYSTEM.
- F. SPECIES SHALL BE TRUE TO THEIR SCIENTIFIC NAME AS SPECIFIED.
- G. TREES SHALL BE INSTALLED PER THE TREE DETAILS IN THE PLAN. STAKING OF B&B TREES AND SHRUBS SHOULD ONLY BE DONE UPON APPROVAL OF THE OWNER. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY DAMAGES TO TREES.
- H. FERTILIZER FOR B&BS MUST BE NUTRI-PAKR OR OWNER APPROVED SLOW-RELEASE EQUIVALENT.
- I. FERTILIZER FOR ROOT-PRUNED CONTAINER GROWN TREES AND SHRUBS MUST BE A SLOW RELEASE FERTILIZER COMPRISED OF 27% NITROGEN, 3% PHOSPHATE, AND 6% POTASH, OR OWNER-APPROVED EQUIVALENT.

2.2 NATIVE TREE LIST:
SEE LANDSCAPE PLAN

PART 3. EXECUTION

3.1 METHOD

- A. TREE LOCATIONS ARE SHOWN ON THE PLANS. PLANTING OF B&B TREES SHALL PREFERENTIALLY OCCUR BETWEEN MARCH 15 AND MAY 31, OR BETWEEN OCTOBER 1 AND DECEMBER 1. PLANTING OF ROOT-PRUNED CONTAINER TREES AND SHRUBS SHALL PREFERENTIALLY OCCUR BETWEEN SEPTEMBER 20 AND NOVEMBER 20.
- B. ALL PLANT MATERIAL SHALL BE APPROVED BY THE OWNER AND/OR VILLAGE'S CONSULTING ECOLOGIST PRIOR TO INSTALLATION. IDENTIFICATION TAGS SHALL REMAIN ON EACH TREE AND SHRUB UNTIL OWNER OR ECOLOGIST APPROVAL.
- C. DELIVER TREES TO PROJECT SITE AFTER PREPARATIONS FOR PLANTING HAVE BEEN COMPLETED.
- D. B&B MATERIAL SHALL BE PROTECTED FROM WEATHER AND MECHANICAL DAMAGE, MULCHED AND WATERED AS NEEDED IF PLANTING IS DELAYED MORE THAN 4 HOURS AFTER DELIVERY. OBTAIN APPROVAL FROM THE OWNER TO INSTALL TREES WHEN CONDITIONS PERMIT.
- E. HANDLE B&B TREES IN ACCORDANCE WITH BEST HORTICULTURAL PRACTICES. LIFT FROM THE BOTTOM OF ROOT BALL ONLY.
- F. FOR B&B TREES, DIG A HOLE 3 × THE WIDTH OF THE ROOT BALL. SET THE TREE, FILL HOLE . HIGH WITH SOIL. PULL BURLAP DOWN 2/3 AND/OR CUT DOWN WIRE BASKET A MINIMUM OF 8" FROM TOP. WATER TO FILL REMAINING . OF HOLE AND ALLOW TO DRAIN; FILL HOLE WITH REMAINING SOIL AND MOUND SOIL 4 INCHES HIGH AROUND EDGES OF HOLE. APPLY 2-3 INCHES OF MULCH, STAYING A MINIMUM OF 2 INCHES FROM THE TRUNK ON ALL SIDES. WATER THOROUGHLY AFTER PLANTING. ADDITIONAL PLANTING DETAILS ARE INCLUDED IN THE PLAN.

- G. ROOT-PRUNED CONTAINER TREES AND SHRUBS SHALL BE PROTECTED FROM EXCESSIVE HEAT OR COLD ONCE UNLOADED. DO NOT ALLOW ROOTBALL TO FREEZE OR DRY OUT. IF MATERIAL CANNOT BE PLANTED IMMEDIATELY, WATER EVERY 3 TO 4 DAYS (OR AS NEEDED) AND AGAIN IMMEDIATELY BEFORE PLANTING.
 - H. FOR ROOT-PRUNED CONTAINER TREES, REMOVE THE PLASTIC CONTAINER IN WHICH THE TREES HAVE BEEN GROWING PRIOR TO PLANTING. IT IS NOT RECOMMENDED TO CUT OR DISTURB THE ROOTBALL AFTER CONTAINER HAS BEEN REMOVED.
 - I. DO NOT PLANT ROOT-PRUNED CONTAINER TREES ANY DEEPER THAN THE LEVEL AT WHICH THEY WERE GROWING IN THE CONTAINER. PLANT PITS SHALL HAVE VERTICAL SIDES AND A FLAT BOTTOM AND SHALL BE 2× THE WIDTH OF THE ROOT BALL. ADDITIONAL PLANTING DETAILS ARE INCLUDED IN THE PLAN.
 - J. DO NOT PRUNE PLANT MATERIAL FOR SHAPE FOLLOWING PLANTING.
- 3.2 CLEAN-UP, REMOVAL AND REPAIR
- A. CLEAN UP: THE WORK AREA SHALL BE KEPT FREE OF DEBRIS BY THE CONTRACTOR. AFTER THE WORK IS COMPLETE, CLEAN UP ANY REMAINING MATERIALS, PLANT CONTAINERS, DEBRIS, TRASH, ETC. AVOID DRIVING OR WALKING OVER PLANTED AREAS TO MINIMIZE DISTURBANCE.
 - B. REMOVAL: AFTER WORK HAS BEEN COMPLETED REMOVE ANY TOOLS, EQUIPMENT, EMPTY CONTAINERS, AND ALL OTHER DEBRIS GENERATED BY THE CONTRACTOR.
 - C. REPAIR: THE CONTRACTOR SHALL REPAIR ANY DAMAGES THAT OCCURRED DURING COMPLETION OF THE WORK DESCRIBED IN THIS SECTION. SAID DAMAGES MAY INCLUDE, BUT ARE NOT LIMITED TO, TIRE RUTS IN THE GROUND, DAMAGE TO PLANTED AREAS, DAMAGE TO TRAILS, ETC. ALL AREAS DAMAGED BY THE CONTRACTOR DURING THE EXECUTION OF THIS WORK SHALL BE REPAIRED BY CONTRACTOR AND RESTORED TO THE CONDITIONS SHOWN ON THE PLANS AT NO ADDITIONAL COST TO THE OWNER. ALL AREAS OUTSIDE OF THE CONSTRUCTION LIMITS DISTURBED BY CONSTRUCTION SHALL BE RESTORED TO PRE-CONSTRUCTION GRADES AND STABILIZED.
- 3.3 INSPECTION
- A. AFTER COMPLETION OF PLANTING, THE CONTRACTOR SHALL SCHEDULE WITH THE OWNER A PROVISIONAL ACCEPTANCE INSPECTION OF THE WORK.
- 3.4 ACCEPTANCE AND GUARANTEE (PERFORMANCE STANDARDS)
- A. PROVISIONAL ACCEPTANCE: THE WORK SHALL BE CONSIDERED 90% COMPLETE AFTER THE CONTRACTOR HAS COMPLETED ALL PLANTING, AND COMPLETED ALL REQUIRED CLEAN UP, REMOVAL, AND REPAIR AS DESCRIBED IN 3.2 OF THIS SECTION.
 - B. FINAL ACCEPTANCE: THE WORK SHALL BE CONSIDERED 100% COMPLETE AFTER THE CONTRACTOR HAS MET OR EXCEEDED THE GUARANTEES GIVEN IN 3.4C. OF THIS SECTION.
 - C. THE CONTRACTOR SHALL GUARANTEE TREES WILL MEET OR EXCEED THE FOLLOWING PERFORMANCE CRITERIA ONE FULL GROWING SEASON AFTER PROVISIONAL ACCEPTANCE: 90% SURVIVAL OF ALL PLANTED TREES. IF MORE THAN 10% OF PLANTED TREES TO NOT SURVIVE AFTER ONE YEAR, THE

Village of Homer Glen
Heritage Park 319 Project
HRG Job No.: 170346

CONTRACTOR SHALL RETURN TO THE SITE AND REPLANT LOST TREES AS
SPECIFIED BY THE OWNER AND/OR TO MEET THE PERFORMANCE STANDARD.

O:\86150469\Design\Spec\spec-082217-HomerDrain2017.doc

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

SPECIAL PROVISION
FOR
INSURANCE

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

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

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

Village of Homer Glen

HR Green, Inc.

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

BDE SPECIAL PROVISIONS
For the August 3 and September 21, 2018 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>
80099	1	Accessible Pedestrian Signals (APS)	April 1, 2003	Jan. 1, 2014
80382	2	✓ Adjusting Frames and Grates	April 1, 2017	
80274	3	Aggregate Subgrade Improvement	April 1, 2012	April 1, 2016
80192	4	Automated Flagger Assistance Device	Jan. 1, 2008	
80173	5	Bituminous Materials Cost Adjustments	Nov. 2, 2006	Aug. 1, 2017
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
80366	11	Butt Joints	July 1, 2016	
80386	12	Calcium Aluminate Cement for Class PP-5 Concrete Patching	Nov. 1, 2017	
80396	13	Class A and B Patching	Jan. 1, 2018	
80384	14	Compensable Delay Costs	June 2, 2017	
80198	15	Completion Date (via calendar days)	April 1, 2008	
80199	16	Completion Date (via calendar days) Plus Working Days	April 1, 2008	
80293	17	Concrete Box Culverts with Skews > 30 Degrees and Design Fills ≤ 5 Feet	April 1, 2012	July 1, 2016
80311	18	Concrete End Sections for Pipe Culverts	Jan. 1, 2013	April 1, 2016
80277	19	Concrete Mix Design – Department Provided	Jan. 1, 2012	April 1, 2016
80261	20	✓ Construction Air Quality – Diesel Retrofit	June 1, 2010	Nov. 1, 2014
80387	21	Contrast Preformed Plastic Pavement Marking	Nov. 1, 2017	
* 80029	22	Disadvantaged Business Enterprise Participation	Sept. 1, 2000	April 2, 2018
80378	23	Dowel Bar Inserter	Jan. 1, 2017	Jan. 1, 2018
80388	24	✓ Equipment Parking and Storage	Nov. 1, 2017	
80229	25	Fuel Cost Adjustment	April 1, 2009	Aug. 1, 2017
80304	26	Grooving for Recessed Pavement Markings	Nov. 1, 2012	Nov. 1, 2017
* 80246	27	Hot-Mix Asphalt – Density Testing of Longitudinal Joints	Jan. 1, 2010	Aug. 1, 2018
* 80398	28	Hot-Mix Asphalt – Longitudinal Joint Sealant	Aug. 1, 2018	
* 80399	29	Hot-Mix Asphalt – Oscillatory Roller	Aug. 1, 2018	
* 80347	30	Hot-Mix Asphalt – Pay for Performance Using Percent Within Limits – Jobsite Sampling	Nov. 1, 2014	Aug. 1, 2018
80383	31	Hot-Mix Asphalt – Quality Control for Performance	April 1, 2017	Nov. 1, 2017
80376	32	Hot-Mix Asphalt – Tack Coat	Nov. 1, 2016	
80392	33	✓ Lights on Barricades	Jan. 1, 2018	
80336	34	Longitudinal Joint and Crack Patching	April 1, 2014	April 1, 2016
* 80393	35	✓ Manholes, Valve Vaults, and Flat Slab Tops	Jan. 1, 2018	March 2, 2018
* 80400	36	Mast Arm Assembly and Pole	Aug. 1, 2018	
80045	37	Material Transfer Device	June 15, 1999	Aug. 1, 2014
80394	38	Metal Flared End Section for Pipe Culverts	Jan. 1, 2018	April 1, 2018
80165	39	Moisture Cured Urethane Paint System	Nov. 1, 2006	Jan. 1, 2010
80349	40	Pavement Marking Blackout Tape	Nov. 1, 2014	April 1, 2016
80371	41	Pavement Marking Removal	July 1, 2016	
80390	42	✓ Payments to Subcontractors	Nov. 2, 2017	
80377	43	Portable Changeable Message Signs	Nov. 1, 2016	April 1, 2017
80389	44	Portland Cement Concrete	Nov. 1, 2017	
80359	45	Portland Cement Concrete Bridge Deck Curing	April 1, 2015	Nov. 1, 2017
* 80401	46	Portland Cement Concrete Pavement Connector for Bridge Approach	Aug. 1, 2018	

File Name	#	Slab	Special Provision Title	Effective	Revised
80385	47		Portland Cement Concrete Sidewalk	Aug. 1, 2017	
80300	48		Preformed Plastic Pavement Marking Type D - Inlaid	April 1, 2012	April 1, 2016
80328	49		Progress Payments	Nov. 2, 2013	
34261	50		Railroad Protective Liability Insurance	Dec. 1, 1986	Jan. 1, 2006
80157	51		Railroad Protective Liability Insurance (5 and 10)	Jan. 1, 2006	
80306	52		Reclaimed Asphalt Pavement (RAP) and Reclaimed Asphalt Shingles (RAS)	Nov. 1, 2012	Jan. 1, 2018
80395	53		Sloped Metal End Section for Pipe Culverts	Jan. 1, 2018	
80340	54		Speed Display Trailer	April 2, 2014	Jan. 1, 2017
80127	55		Steel Cost Adjustment	April 2, 2004	Aug. 1, 2017
* 80397	56		Subcontractor and DBE Payment Reporting	April 2, 2018	
80391	57		Subcontractor Mobilization Payments	Nov. 2, 2017	
80317	58		Surface Testing of Hot-Mix Asphalt Overlays	Jan. 1, 2013	April 1, 2016
80298	59		Temporary Pavement Marking (NOTE: This special provision was previously named "Pavement Marking Tape Type IV".)	April 1, 2012	April 1, 2017
20338	60		Training Special Provisions	Oct. 15, 1975	
80318	61		Traversable Pipe Grate for Concrete End Sections (NOTE: This special provision was previously named "Traversable Pipe Grate".)	Jan. 1, 2013	Jan. 1, 2018
80288	62		Warm Mix Asphalt	Jan. 1, 2012	April 1, 2016
80302	63		Weekly DBE Trucking Reports	June 2, 2012	April 2, 2015
80071	64		Working Days	Jan. 1, 2002	

The following special provisions are in the 2018 Supplemental Specifications and Recurring Special Provisions.

File Name	Special Provision Title	New Location	Effective	Revised
80368	Light Tower	Article 1069.08	July 1, 2016	
80369	Mast Arm Assembly and Pole	Article 1077.03(a)(1)	July 1, 2016	
80338	Portland Cement Concrete Partial Depth Hot-Mix Asphalt Patching	Recurring CS #35	April 1, 2014	April 1, 2016
80379	Steel Plate Beam Guardrail	Articles 630.02, 630.05, 630.06, and 630.08	Jan. 1, 2017	
80381	Traffic Barrier Terminal, Type 1 Special	Article 631.04	Jan. 1, 2017	
80380	Tubular Markers	Articles 701.03, 701.15, 701.18, and 1106.02	Jan. 1, 2017	

The following special provisions require additional information from the designer. The additional information needs to be submitted as a separate document. 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 Insurance
- Training Special Provisions
- Working Days

ADJUSTING FRAMES AND GRATES (BDE)

Effective: April 1, 2017

Add the following to Article 602.02 of the Standard Specifications:

- “(s) High Density Expanded Polystyrene Adjusting Rings
with Polyurea Coating (Note 4) 1043.04
- (t) Expanded Polypropylene (EPP) Adjusting Rings (Note 5) 1043.05

Note 4. High density expanded polystyrene adjusting rings with polyurea coating shall meet the design load requirements of AASHTO HS20/25. The rings may be used to adjust the frames and grates of drainage and utility structures up to a maximum of 6 in. (150 mm). They shall be installed and sealed underneath the frames according to the manufacturer’s specifications.

Note 5. Riser rings fabricated from EPP may be used to adjust the frames and grates of drainage and utility structures up to a maximum of 6 in. (150 mm). An adhesive meeting ASTM C 920, Type S, Grade N5, Class 25 shall be used with EPP adjustment rings. The top ring of the adjustment stack shall be a finish ring with grooves on the lower surface and flat upper surface. The joints between all manhole adjustment rings and the frame and cover shall be sealed using the approved adhesive. In lieu of the use of an adhesive, an internal or external mechanical frame-chimney seal may be used for watertight installation. EPP adjustment rings shall not be used with heat shrinkable infiltration barriers.”

Add the following to Section 1043 of the Standard Specifications:

“1043.04 High Density Expanded Polystyrene Adjusting Rings with Polyurea Coating. High density expanded polystyrene adjustment rings with polyurea coating shall be designed and tested to meet or exceed an HS25 wheel load according to the AASHTO Standard Specifications for Highway Bridges (AASHTO M306 HS-25). The raw material suppliers shall provide certifications of quality or testing using the following ASTM standards, and upon request, certify that only virgin material was used in the manufacturing of the expanded polystyrene rings.

Physical Property	Test Standard	Value	
		3.0 lb/cu ft	4.5 lb/cu ft
Compression Resistance at 10% deformation at 5% deformation at 2% deformation	ASTM D 1621	50 - 70	70 - 90
		45 - 60	60 - 80
		15 - 20	20 - 40
Flexural Strength	ASTM D 790	90 - 120	130 - 200
Water Absorption	ASTM D 570	2.0%	1.7%
Coefficient of Linear Expansion	ASTM D 696	2.70E-06 in./in./°F	2.80E-06 in./in./°F
Sheer Strength	ASTM D 732	55	80

Tensile Strength	ASTM D 1623	70 - 90	130 - 140
Water Vapor Transmission	ASTM C 355	0.82 – 0.86 perm – in.	

High density expanded polystyrene adjustment rings with polyurea coating shall have no void areas, cracks, or tears. The actual diameter or length shall not vary more than 0.125 in. (3 mm) from the specified diameter or length. Variations in height are limited to ± 0.063 in. (± 1.6 mm). Variations shall not exceed 0.25 in. (6 mm) from flat (dish, bow, or convoluting edge) or 0.125 in. (3 mm) for bulges or dips in the surface.

1043.05 Expanded Polypropylene (EPP) Adjusting Rings. The EPP adjusting rings shall be manufactured using a high compression molding process to produce a minimum finished density of 7.5 lb/cu ft (120 g/l). The EPP rings shall be made of materials meeting ASTM D 3575 and ASTM D 4819-13. The grade adjustments shall be designed and tested according to the AASHTO Standard Specifications for Highway Bridges (AASHTO M 306 HS-25).

Grade rings shall contain upper and lower keyways (tongue and groove) for proper vertical alignment and sealing. The top ring, for use directly beneath the cast iron frame, shall have keyways (grooves) on the lower surface with a flat upper surface.

Adhesive or sealant used for watertight installation of the manhole grade adjustment rings shall meet ASTM C 920, Type S, Grade NS, Class 25, Uses NT, T, M, G, A, and O.

EPP adjustment rings shall have no void areas, cracks, or tears. The actual diameter or length shall not vary more than 0.125 in. (3 mm) from the specified diameter or length. Variations in height are limited to ± 0.063 in. (± 1.6 mm). Variations shall not exceed 0.25 in. (6 mm) from flat (dish, bow, or convoluting edge) or 0.125 in. (3 mm) for bulges or dips in the surface.”

80382

CONSTRUCTION AIR QUALITY – DIESEL RETROFIT (BDE)

Effective: June 1, 2010

Revised: November 1, 2014

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

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

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

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

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

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

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

device manufacturer that the emission control device provides a minimum PM emission reduction of 50 percent.

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

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

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

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

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

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

Diesel Retrofit Deficiency Deduction

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

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

If a Contractor accumulates three diesel retrofit deficiency deductions for the same piece of equipment in a contract period, the Contractor will be shutdown until the deficiency is corrected.

Such a shutdown will not be grounds for any extension of the contract time, waiver of penalties, or be grounds for any claim.

80261

EQUIPMENT PARKING AND STORAGE (BDE)

Effective: November 1, 2017

Replace the first paragraph of Article 701.11 of the Standard Specifications with the following.

701.11 Equipment Parking and Storage. During working hours, all vehicles and/or nonoperating equipment which are parked, two hours or less, shall be parked at least 8 ft (2.5 m) from the open traffic lane. For other periods of time during working and for all nonworking hours, all vehicles, materials, and equipment shall be parked or stored as follows.

- (a) When the project has adequate right-of-way, vehicles, materials, and equipment shall be located a minimum of 30 ft (9 m) from the pavement.
- (b) When adequate right-of-way does not exist, vehicles, materials, and equipment shall be located a minimum of 15 ft (4.5 m) from the edge of any pavement open to traffic.
- (c) Behind temporary concrete barrier, vehicles, materials, and equipment shall be located a minimum of 24 in. (600 mm) behind free standing barrier or a minimum of 6 in. (150 mm) behind barrier that is either pinned or restrained according to Article 704.04. The 24 in. or 6 in. measurement shall be from the base of the non-traffic side of the barrier.
- (d) Behind other man-made or natural barriers meeting the approval of the Engineer.”

80388

LIGHTS ON BARRICADES (BDE)

Effective: January 1, 2018

Revise Article 701.16 of the Standard Specifications to read:

“701.16 Lights. Lights shall be used on devices as required in the plans, the traffic control plan, and the following table.

Circumstance	Lights Required
Daylight operations	None
First two warning signs on each approach to the work involving a nighttime lane closure and “ROUGH GROOVED SURFACE” (W8-1107) signs	Flashing mono-directional lights
Devices delineating isolated obstacles, excavations, or hazards at night (Does not apply to patching)	Flashing bi-directional lights
Devices delineating obstacles, excavations, or hazards exceeding 100 ft (30 m) in length at night (Does not apply to widening)	Steady burn bi-directional lights
Channelizing devices for nighttime lane closures on two-lane roads	None
Channelizing devices for nighttime lane closures on multi-lane roads	None
Channelizing devices for nighttime lane closures on multi-lane roads separating opposing directions of traffic	None
Channelizing devices for nighttime along lane shifts on multilane roads	Steady burn mono-directional lights
Channelizing devices for night time along lane shifts on two lane roads	Steady burn bi-directional lights
Devices in nighttime lane closure tapers on Standards 701316 and 701321	Steady burn bi-directional lights
Devices in nighttime lane closure tapers	Steady burn mono-directional lights
Devices delineating a widening trench	None
Devices delineating patches at night on roadways with an ADT less than 25,000	None
Devices delineating patches at night on roadways with an ADT of 25,000 or more	None

Batteries for the lights shall be replaced on a group basis at such times as may be specified by the Engineer.”

Delete the fourth sentence of the first paragraph of Article 701.17(c)(2) of the Standard Specifications.

Revise the first paragraph of Article 603.07 of the Standard Specifications to read:

“603.07 Protection Under Traffic. After the casting has been adjusted and Class SI concrete has been placed, the work shall be protected by a barricade for at least 72 hours.”

80392

MANHOLES, VALVE VAULTS, AND FLAT SLAB TOPS (BDE)

Effective: January 1, 2018

Revised: March 2, 2018

Description. Manholes, valve vaults, and flat slab tops manufactured according to the current or previous Highway Standards listed below will be accepted on this contract:

<u>Product</u>	<u>Current Standard</u>	<u>Previous Standard</u>
Precast Manhole Type A, 4' (1.22 m) Diameter	602401-04	602401-03
Precast Manhole Type A, 5' (1.52 m) Diameter	602402	602401-03
Precast Manhole Type A, 6' (1.83 m) Diameter	602406-08	602406-07
Precast Manhole Type A, 7' (2.13 m) Diameter	602411-06	602411-05
Precast Manhole Type A, 8' (2.44 m) Diameter	602416-06	602416-05
Precast Manhole Type A, 9' (2.74 m) Diameter	602421-06	602421-05
Precast Manhole Type A, 10' (3.05 m) Diameter	602426	n/a
Precast Valve Vault Type A, 4' (1.22 m) Diameter	602501-03	602501-02
Precast Valve Vault Type A, 5' (1.52 m) Diameter	602506	602501-02
Precast Reinforced Concrete Flat Slab Top	602601-05	602601-04

When manufacturing to the current standards, the following revisions to the Standard Specifications shall apply:

Revise Article 602.02(g) of the Standard Specifications to read:

“(g) Structural Steel (Note 4)..... 1006.04

Note 4. All components of the manhole joint splice shall be galvanized according to the requirements of AASHTO M 111 or M 232 as applicable.”

Add the following to Article 602.02 of the Standard Specifications:

“(s) Anchor Bolts and Rods (Note 5)..... 1006.09

Note 5. The threaded rods for the manhole joint splice shall be according to the requirements of ASTM F 1554, Grade 55, (Grade 380).”

Add the following paragraph after the first paragraph of Article 602.07 of the Standard Specifications:

“Threaded rods connecting precast sections shall be brought to a snug tight condition.”

Revise the second paragraph of Article 1042.10 of the Standard Specifications to read:

“Catch basin Types A, B, C, and D; Manhole Type A; Inlet Types A and B; Drainage Structures Types 1, 2, 3, 4, 5, and 6; Valve Vault Type A; and reinforced concrete flat slab top

(Highway Standard 602601) shall be according to AASHTO M 199 (M 199M), except the minimum wall thickness shall be 3 in. (75 mm). Additionally, catch basins, inlets, and drainage structures shall have a minimum concrete compressive strength of 4500 psi (31,000 kPa) at 28 days and manholes, valve vaults, and reinforced concrete flat slab tops shall have a minimum concrete compressive strength of 5000 psi (34,500 kPa) at 28 days."

80393

PAYMENTS TO SUBCONTRACTORS (BDE)

Effective: November 2, 2017

Add the following to the end of the fourth paragraph of Article 109.11 of the Standard Specifications:

“If reasonable cause is asserted, written notice shall be provided to the applicable subcontractor and/or material supplier and the Engineer within five days of the Contractor receiving payment. The written notice shall identify the contract number, the subcontract or material purchase agreement, a detailed reason for refusal, the value of payment being withheld, and the specific remedial actions required of the subcontractor and/or material supplier so that payment can be made.”

80390

**Prevailing Wage rates for
Will County effective
Sept. 1, 2017**

Trade Title	Region	Type	Class	Base Wage	Fore-man Wage	M-F OT	OSA	OSH	H/W	Pension	Vacation	Training
ASBESTOS ABT-GEN	ALL	ALL		41.20	42.20	1.5	1.5	2	14.65	12.32	0.00	0.50
ASBESTOS ABT-MEC	ALL	BLD		37.88	40.38	1.5	1.5	2	12.12	11.70	0.00	0.72
BOILERMAKER	ALL	BLD		48.49	52.86	2	2	2	6.97	19.61	0.00	0.90
BRICK MASON	ALL	BLD		45.38	49.92	1.5	1.5	2	10.45	16.68	0.00	0.90
CARPENTER	ALL	ALL		46.35	50.99	2	2	2	11.99	20.95	0.00	0.63
CEMENT MASON	ALL	ALL		42.00	44.00	2	1.5	2	10.00	23.97	0.00	0.50
CERAMIC TILE FNSHER	ALL	BLD		38.56	38.56	1.5	1.5	2	10.65	11.18	0.00	0.68
COMMUNICATION TECH	ALL	BLD		34.50	36.00	1.5	1.5	2	14.62	12.69	1.50	0.72
ELECTRIC PWR EQMT OP	ALL	ALL		50.50	55.50	1.5	1.5	2	11.69	16.69	0.00	3.12
ELECTRIC PWR GRNDMAN	ALL	ALL		39.39	55.50	1.5	1.5	2	9.12	13.02	0.00	2.43
ELECTRIC PWR LINEMAN	ALL	ALL		50.50	55.50	1.5	1.5	2	11.69	16.69	0.00	3.12
ELECTRICIAN	ALL	BLD		42.50	46.33	1.5	1.5	2	15.47	17.44	3.50	1.20
ELEVATOR CONSTRUCTOR	ALL	BLD		51.94	58.43	2	2	2	14.43	14.96	4.16	0.90
GLAZIER	ALL	BLD		42.45	43.95	1.5	1.5	2	14.04	20.14	0.00	0.94
HT/FROST INSULATOR	ALL	BLD		50.50	53.00	1.5	1.5	2	12.12	12.96	0.00	0.72
IRON WORKER	ALL	ALL		42.50	46.75	2	2	2	11.26	24.59	0.00	0.85
LABORER	ALL	ALL		41.20	41.95	1.5	1.5	2	14.65	12.32	0.00	0.50
LATHER	ALL	ALL		46.35	50.99	2	2	2	11.99	20.95	0.00	0.63
MACHINIST	ALL	BLD		45.35	47.85	1.5	1.5	2	7.26	8.95	1.85	0.00
MARBLE FINISHERS	ALL	ALL		33.95	33.95	1.5	1.5	2	10.45	15.52	0.00	0.47
MARBLE MASON	ALL	BLD		44.63	49.09	1.5	1.5	2	10.45	16.28	0.00	0.59
MATERIAL TESTER I	ALL	ALL		31.20	31.20	1.5	1.5	2	14.65	12.32	0.00	0.50
MATERIALS TESTER II	ALL	ALL		36.20	36.20	1.5	1.5	2	14.65	12.32	0.00	0.50

MILLWRIGHT	ALL	ALL		46.35	50.99	2	2	2	11.99	20.95	0.00	0.63
OPERATING ENGINEER	ALL	BLD	1	50.10	54.10	2	2	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	BLD	2	48.80	54.10	2	2	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	BLD	3	46.25	54.10	2	2	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	BLD	4	44.50	54.10	2	2	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	BLD	5	53.85	54.10	2	2	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	BLD	6	51.10	54.10	2	2	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	BLD	7	53.10	54.10	2	2	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	FLT	1	55.90	55.90	1.5	1.5	2	18.05	13.60	1.90	1.30
OPERATING ENGINEER	ALL	FLT	2	54.40	55.90	1.5	1.5	2	18.05	13.60	1.90	1.30
OPERATING ENGINEER	ALL	FLT	3	48.40	55.90	1.5	1.5	2	18.05	13.60	1.90	1.30
OPERATING ENGINEER	ALL	FLT	4	40.25	55.90	1.5	1.5	2	18.05	13.60	1.90	1.30
OPERATING ENGINEER	ALL	FLT	5	57.40	55.90	1.5	1.5	2	18.05	13.60	1.90	1.30
OPERATING ENGINEER	ALL	FLT	6	38.00	55.90	1.5	1.5	2	18.05	13.60	1.90	1.30
OPERATING ENGINEER	ALL	HWY	1	48.30	52.30	1.5	1.5	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	HWY	2	47.75	52.30	1.5	1.5	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	HWY	3	45.70	52.30	1.5	1.5	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	HWY	4	44.30	52.30	1.5	1.5	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	HWY	5	43.10	52.30	1.5	1.5	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	HWY	6	51.30	52.30	1.5	1.5	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	HWY	7	49.30	52.30	1.5	1.5	2	18.80	14.35	2.00	1.30
PAINTER	ALL	ALL		45.55	51.24	1.5	1.5	1.5	11.56	11.44	0.00	1.87
PAINTER SIGNS	ALL	BLD		37.45	42.05	1.5	1.5	2	2.60	3.18	0.00	0.00
PILEDRIVER	ALL	ALL		46.35	50.99	2	2	2	11.99	20.95	0.00	0.63
PIPEFITTER	ALL	BLD		47.50	50.50	1.5	1.5	2	10.05	17.85	0.00	2.12
PLASTERER	ALL	BLD		42.75	45.31	1.5	1.5	2	14.00	15.71	0.00	0.89
PLUMBER	ALL	BLD		49.25	52.20	1.5	1.5	2	14.34	13.35	0.00	1.28
ROOFER	ALL	BLD		42.30	45.30	1.5	1.5	2	9.08	12.14	0.00	0.58
SHEETMETAL WORKER	ALL	BLD		45.77	47.77	1.5	1.5	2	10.65	14.10	0.00	0.82
SPRINKLER FITTER	ALL	BLD		47.20	49.20	1.5	1.5	2	12.25	11.55	0.00	0.55
STONE MASON	ALL	BLD		45.38	49.92	1.5	1.5	2	10.45	16.68	0.00	0.90

TERRAZZO FINISHER	ALL	BLD		40.54	40.54	1.5	1.5	2	10.65	12.76	0.00	0.73
TERRAZZO MASON	ALL	BLD		44.38	47.88	1.5	1.5	2	10.65	14.15	0.00	0.82
TILE MASON	ALL	BLD		45.49	49.49	1.5	1.5	2	10.65	13.88	0.00	0.86
TRAFFIC SAFETY WRKR	ALL	HWY		33.50	35.10	1.5	1.5	2	8.25	5.50	0.00	0.25
TRUCK DRIVER	ALL	ALL	1	37.91	38.46	1.5	1.5	2	8.10	7.97	0.00	0.15
TRUCK DRIVER	ALL	ALL	2	38.06	38.46	1.5	1.5	2	8.10	7.97	0.00	0.15
TRUCK DRIVER	ALL	ALL	3	38.26	38.46	1.5	1.5	2	8.10	7.97	0.00	0.15
TRUCK DRIVER	ALL	ALL	4	38.46	38.46	1.5	1.5	2	8.10	7.97	0.00	0.15
TUCK POINTER	ALL	BLD		45.42	46.42	1.5	1.5	2	8.32	15.42	0.00	0.80

Legend

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

OSA Overtime pay required for every hour worked on Saturdays

OSH Overtime pay required for every hour worked on Sundays and Holidays

H/W Health/Welfare benefit

Explanations WILL 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.

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 TECHNICIAN

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

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.

Class 6. ROV Pilot, ROV Tender

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

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 Turntrailers 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 Turntrailers 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.

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.

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".