VILLAGE OF ALGONQUIN
VILLAGE BOARD MEETING
April 6, 2021
7:30 p.m.
2200 Harnish Drive

In light of the current COVID-19 public health emergency, Governor J.B. Pritzker's Gubernatorial Disaster Proclamation, and the Village's Continuation of Proclamation of Local Disaster Emergency in response thereto, the Village President has determined that an entirely in-person meeting is not practical or prudent because of the disaster. This meeting will be held remotely and in-person, but there will be a limit of ten (10) in-person seats available for the public in the Village Board Room. The following information is being made available to the public for the purpose of public participation in the spirit of transparency and an open meeting process.

The complete Village Board packet is posted at the Ganek Municipal Center and may be viewed online via the Village Board's link on the Village's website, www.algonquin.org. If you would like to listen to the meeting, please go to https://algonquin.zoom.us/j/93419980896 or dial in (877)853-5257, (888)475-4499, or (312)626-6799 **webinar ID 934 1998 0896**. If you wish to submit any public comment, please contact the Deputy Village Clerk in advance of the meeting at 847-658-5609, or meetingcomments@algonquin.org, or to comment during the meeting's "Audience Participation" portion, after logging into the zoom meeting, please raise your hand and you will be called on, if you are dialing in, dial *9 to raise your hand. The Village will include such written public comments in the record, a copy will be given to the Village Board members, and a copy will be available for public inspection upon request. Any comments received during the meeting but after the public commentary portion has ended will be provided in writing to the Village Board members after the meeting.

Remote meetings will be recorded for the purpose of accurate meeting minutes.

-AGENDA-

1. **CALL TO ORDER**
2. **ROLL CALL – ESTABLISH QUORUM**
3. **PLEDGE TO FLAG**
4. **ADOPT AGENDA**

   AUDIENCE PARTICIPATION

   (Persons wishing to address the Board, if in person must register with the Village Manager prior to call to order. For remote participation, see the information above.)
5. **PROCLAMATIONS:**
   - **A. The Village of Algonquin Proclaims April 11-17, 2021 National Public Safety Telecommunicators Week**
   - **B. The Village of Algonquin Proclaims May 4, 2021 Anne Miller Day**
6. **CONSENT AGENDA/APPROVAL:**

   All items listed under Consent Agenda are considered to be routine by the Village Board and may be approved and/or accepted by one motion with a voice vote.
   - **A. APPROVE MEETING MINUTES**:
     (1) Public Hearing Held on March 16, 2021
     (2) Village Board Meeting Held March 16, 2021
     (3) Committee of the Whole Meeting Held March 16, 2021
7. **OMNIBUS AGENDA/APPROVAL:**

   The following Ordinances, Resolutions, or Agreements are considered to be routine in nature and may be approved by one motion with a roll call vote.

   (Following approval, the Village Clerk will number all Ordinances and Resolutions in order.)
   - **A. PASS ORDINANCES:**
     (1) Pass an Ordinance Approving the Village of Algonquin Zoning Map Effective as of January 1, 2021
     (2) Pass an Ordinance Approving the Village of Algonquin Annual Budget for Fiscal Year 2021-2022
   - **B. ADOPT RESOLUTIONS:**
     (1) Pass a Resolution Accepting and Approving an Agreement with Arrow Road Construction for the School St., Homestead Ct., Colonial Ct., and Sunshine Ct. Road Improvements Project in the amount of $620,226.00
8. **DISCUSSION OF ITEMS REMOVED FROM THE CONSENT AND/OR OMNIBUS AGENDA**
9. **APPROVAL OF BILLS FOR PAYMENT AND PAYROLL EXPENSES AS RECOMMENDED BY THE VILLAGE MANAGER**
   - **A.** List of Bills Dated April 6, 2021 totaling $2,153,899.26
10. **COMMITTEE OF THE WHOLE:**
    - **A. COMMUNITY DEVELOPMENT**
      (1) Approve a Special Event Permit for the Algonquin Aces Memorial Tournament to be held on May 28 through May 30, 2021
    - **B. GENERAL ADMINISTRATION**
    - **C. PUBLIC WORKS & SAFETY**
11. **VILLAGE CLERK'S REPORT**
12. **STAFF COMMUNICATIONS/REPORTS, AS REQUIRED**
13. **CORRESPONDENCE**
14. **OLD BUSINESS**
15. **EXECUTIVE SESSION:** If required
16. **NEW BUSINESS**
17. **ADJOURNMENT**

NATIONAL PUBLIC SAFETY TELECOMMUNICATORS WEEK PROCLAMATION APRIL 11-17, 2021

Whereas emergencies can occur at any time that require police, fire or emergency medical services; and,

Whereas when an emergency occurs the prompt response of police officers, firefighters and paramedics is critical to the protection of life and preservation of property; and,

Whereas the safety of our police officers and firefighters is dependent upon the quality and accuracy of information obtained from citizens who telephone the Village of Algonquin emergency communications center; and,

Whereas Public Safety Telecommunicators are the first and most critical contact our citizens have with emergency services; and,

Whereas Public Safety Telecommunicators are the single vital link for our police officers and firefighters by monitoring their activities by radio, providing them information and ensuring their safety; and,

Whereas Public Safety Telecommunicators of the Southeast Emergency Communications have contributed substantially to the apprehension of criminals, suppression of fires and treatment of patients; and,

Whereas each dispatcher has exhibited compassion, understanding and professionalism during the performance of their job in the past year;

Therefore, Be It Resolved that the Village Board of the Village of Algonquin declares the week of April 11 through 17, 2021, to be National Public Safety Telecommunicators Week in the Village of Algonquin, in honor of the men and women whose diligence and professionalism keep our city and citizens safe.

Dated this 6th day of April, 2021

(Seal)

_____
Acting Village President Debby Sosine

Attest:

_____
Village Clerk Margaret Auger

PROCLAMATION
Anne Miller Day
May 4, 2021

WHEREAS, Community Unit School District 300 along with the Community has had the privilege to have Anne Miller serve on the Board of Education for the last 24 and 1/2 years, the longest continuously serving board member in District 300 history; and

WHEREAS, Anne Miller has served as Chair of the Discipline Committee, Secretary of the Board and for the last ten years, as President of the Board of Education; and

WHEREAS, during Anne Miller's tenure 7 new schools were built, 2 referendums passed, a charter school was added, a new administration building was built and the first students from Accelerate College – students earning both their high school diplomas and their Associate degrees from Elgin Community College – graduated; and

WHEREAS, under Anne Miller's tenure full-day kindergarten was instituted, 1:1 computers to students were rolled out, the district developed the ALOP program and the Dream Success Academy; and

WHEREAS, in 2011, as the end of the 30-year Economic Development Area (EDA) tax break approached, Sears tried to have legislation passed to extend the EDA and not pay their fair share of property taxes to District 300, President Anne Miller led the Board of Education and Administration to Springfield to protest and testify, successfully altering the legislation to include an incremental payout over 15 years, to the tune of $11 million dollars; and

WHEREAS, Anne Miller led the Board to expand services for all students that include offering addiction counseling services for at-risk students, reinstituting a robust discipline review committee inclusive of a peer jury, implementing an academic review committee focused on providing individual student academic supports, expanding alternative school openings to keep students in school despite their choices, and obtaining ALOP funding to prove an alternative learning opportunity program to support individualized student needs; and

WHERAS, Anne Miller's top leadership priority has been ensuring every child receives an exemplary education in District 300 to ensure that they are college and career ready upon graduation.

NOW, THEREFORE, be it resolved by Acting Village President Debby Sosine on behalf of the Village of Algonquin that May 4, 2021 be proclaimed as Anne Miller Day in recognition of her dedicated service to School District 300 and the Community she has served. School District 300 along with the Community wishes Board President Anne Miller all the best in her future endeavors.

This at the Village of 6th day of April, A.D., 2021.

_____
Debby Sosine, Acting Village President

Attest:

_____
Maggie Auger, Village Clerk

PUBLIC HEARING BEFORE THE CORPORATE AUTHORITIES OF
THE VILLAGE OF ALGONQUIN, MCHENRY & KANE COUNTIES, IL
HELD REMOTELY DUE TO COVID 19
MARCH 16, 2021

A Public Hearing held for the Proposed Budget for Fiscal Year 2021-2022

CALL TO ORDER: Acting Village President Debby Sosine, called the hearing to order at 7:25 P.M. and Village Clerk, Maggie Auger called the roll.

ROLL CALL: Trustees Present: Laura Brehmer, Jerry Glogowski, Janice Jasper, John Spella, Jim Steigert, and Acting Village President Debby Sosine.

Staff in Attendance: Tim Schloneger, Michael Kumbera, Michelle Zimmerman, Mike Darrow, Kevin Cook, John Bucci, Village Clerk, Maggie Auger, and Village Attorney, Kelly Cahill

PUBLICATION CONFIRMATION: Village Attorney Kelly Cahill reported the publication was examined and found to be in order. Published in the Northwest Herald at the prescribed time.

DISCUSSION: Mike Kumbera gave an overview of the Proposed budget, See attached summary

PUBLIC COMMENT: None

BOARD COMMENT: Trustee Glogowski and Trustee Brehmer complimented department heads and staff for a balanced budget.

ADJOURNMENT: Hearing adjourned at 7:28 P.M.

Submitted: _____
Maggie Auger, Village Clerk

VILLAGE OF ALGONQUIN
BUDGET SUMMARY
FISCAL YEAR 2021-2022

	REVENUES	EXPENDITURES	SURPLUS (DEFICIT)	
GENERAL				
General	19,937,000	25,437,000	(5,500,000)	1
TOTAL	19,937,000	25,437,000	(5,500,000)	
CAPITAL PROJECTS				
Park Improvement	276,000	1,010,000	(734,000)	2
Street Improvement	10,500,000	16,960,000	(6,460,000)	2
Water & Sewer Improvement & Construction	1,898,000	13,720,000	(11,822,000)	3
Village Construction	4,200	104,500	(100,300)	2
Natural Area & Drainage	480,000	480,000	-	
TOTAL	13,158,200	32,274,500	(19,116,300)	
ENTERPRISE				
Water & Sewer Operating	11,170,000	10,440,800	729,200	
TOTAL	11,170,000	10,440,800	729,200	
SPECIAL REVENUE				
Cemetery	44,000	43,500	500	
MFT	1,105,000	2,090,000	(985,000)	4
Swimming Pool	220,000	220,000	-	
Development	44,500	163,000	(118,500)	4
Downtown TIF	806,000	806,000	-	
SSA #1 - Riverside Plaza	-	-	-	
TOTAL	2,219,500	3,322,500	(1,103,000)	
DEBT				
Debt Service	-	-	-	
TOTAL	-	-	-	
INTERNAL SERVICE				
Vehicle Maintenance	1,163,000	1,163,000	-	
Building Services	924,000	924,000	-	
TOTAL	2,087,000	2,087,000	-	
PENSION TRUST				
Police Pension	5,163,500	1,924,100	3,239,400	
TOTAL	5,163,500	1,924,100	3,239,400	

1 - Transfer to Street Improvement Fund of $5,500,000 using fund balance.
2 - Various capital fund projects are being partially funded from fund balance.
3 - Various capital fund projects are being partially funded from fund balance and IEPA loan
4 - Various expenses are being partially funded from fund balance.

MINUTES OF THE REGULAR VILLAGE BOARD MEETING
OF THE PRESIDENT AND BOARD OF TRUSTEES
OF THE VILLAGE OF ALGONQUIN, McHENRY & KANE COUNTIES, ILLINOIS
MEETING MARCH 16, 2021
HELD REMOTELY DUE TO COVID-19 EMERGENCY DECLARATION

***CALL TO ORDER AND ROLL CALL*:** Acting Village President Debby Sosine, called the meeting to order at 7:30 P.M. with Village Clerk, Maggie Auger, calling the roll.

Trustees Present: Laura Brehmer, Jerry Glogowski, Janis Jasper, John Spella, Jim Steigert and Acting Village President Debby Sosine

Staff in Attendance: Tim Schloneger, Village Manager; Mike Kumbera, Assistant Village Manager; Mike Darrow, Interim Community Development Director; Police Chief, John Bucci; Michelle Zimmerman, Assistant Public Works Director; and Kevin Crook, Chief Innovations Officer. Also in attendance, Village Clerk, Maggie Auger and Attorney, Kelly Cahill.

***PLEDGE TO FLAG*:** Clerk Auger led all present in the Pledge of Allegiance.

***ADOPT AGENDA*:** Moved by Trustee Jasper, seconded by Trustee Glogowski, to adopt tonight's agenda removing Executive Session.

Roll call vote; voting aye –Brehmer, Glogowski, Jasper, Spella, Steigert, and Acting Village President Sosine.
Motion carried; 6-ayes, 0-nays.

AUDIENCE PARTICIPATION:
Chris Kempf stated he tried to attend the P&Z meeting last week and requested an option to get a live person since he tried to get information on the meeting that didn't occur. Acting Village President Sosine explained there were some technical difficulties and the meeting was rescheduled, going forward perhaps there can be some information put on the website regarding technical difficulties.

PROCLAMATION: Presented by Trustee Jerry Glogowski, The Village of Algonquin Proclaim April as Fair Houseing Month

***CONSENT AGENDA*:** The Items under the Consent Agenda are considered to be routine in nature and may be approved by one motion with a roll call vote.

A. APPROVE MEETING MINUTES:
(1) Village Board Meeting Held on March 2, 2021
(2) Committee of the Whole Meeting Held on March 9, 2021
(3) Village Board Special Meeting Held on March 9, 2021

B. VILLAGE MANAGERS REPORT FOR THE MONTH OF FEBRUARY 2021

Moved by Trustee Spella, seconded by Trustee Glogowski, to approve the Consent Agenda of March 16, 2021.
Roll call vote; voting aye –Brehmer, Glogowski, Jasper, Spella, Steigert, and acting Village President Sosine.
Motion carried; 6-ayes, 0-nays.

***OMNIBUS AGENDA*:** The following Ordinances, Resolutions, or Agreements are considered to be routine in nature and may be approved by one motion with a roll call vote.
(Following approval, the Village Clerk numbers all Ordinances and Resolutions in order)

A. PASS ORDINANCES:
(1) **2021-O-09**: Pass an Ordinance Amending Charpter 3, Section 3.16, Rules for Meeting Attendance, of the Algonqiun Municipal Code.

B. ADOPT RESOLUTIONS:
(1) **2021-R-14**: Pass a Resolution Accepting and Approving an Agreement with Lauterbach and Amen, LLP for Accounting and Payroll Services.
(2) **2021-R-15:** Pass a Resolution Accepting and Approving the Motor Fuel Tax Fund Documentation Review for the period January 1, 2020 to December 31, 2020 performed by the Illinois Department of Transportation.
(3) **2021-R-16**: Pass a Resolution Accepting and Approving an Agreement with Schroeder & Schroeder for the Concrete Curb, Sidewalk and Driveway Removal & Replacement Project in the Amount of $507,300.00.

(4) **2021-R-17:** Pass a Resolution Accepting and Approving an Agreement with Christopher B. Burke Engineering, LTD for the Phase 3 Construction Observation of the Harrison/Main St. Bike Path and Round-a-bout Project in the amount of $751,439.78.
(5) **2021-R-18**: Pass a Resolution Accepting and Approving an Agreement with Atlas Bobcat for the Purchase of a S76 T4 Skid Steer Loader in he amourn of $50,793.00.
(6) **2021-R-19:** Pass a Resolution Accepting and Approving an Agreement with Morrow Brothers Ford for the Purchase of two (2) 2020 Ford Police Interceptor Utility AWD Hybrids $144,020.00 ($72,010.00/each vehicle).

Moved by Trustee Brehmer, seconded by Trustee Spella, to approve the Omnibus Agenda for March 16, 2021.
Roll call vote; voting aye –Brehmer, Glogowski, Jasper, Spella, Steigert, and acting Village President Sosine.
Motion carried; 6-ayes, 0-nays.

DISSCUSION OF ITEMS REMOVED FROM THE CONSENT AND/OR OMNIBUS AGENDA
NONE

APPROVAL OF BILLS: Moved by Trustee Glogowski, seconded by Trustee Spella, to approve the List of Bills for payment for March 16, 2021 in the amount of $1,631,632.16 including payroll expenses as recommended for approval.
Roll call vote; voting aye – Brehmer, Glogowski, Jasper, Spella, Steigert, and acting Village President Sosine.
Motion carried; 6-ayes, 0-nays.

PAYMENT OF BILLS RECAP:

FUND DESCRIPTION	
GENERAL	$121,042.96
MFT	94,463.34
STREET IMPROVEMENT	433.58
PARK IMPROVEMENT	57,160.75
WATER & SEWER	836,883.22
WATER & SEWER IMPROVEMENT	2,601.75
DEVELOPMENT FUND	19,109.62
BUILDING MAINT. SERVICE	17,957.71
VEHICLE MAINT. SERVICE	25,292.13
TOTAL ALL FUNDS	$1,174,945.06

***COMMITTEE REPORTS & CLERK'S REPORTS*:**

UNDER COMMITTEE OF THE WHOLE
None

VILLAGE CLERK'S REPORT
Clerk Auger announced future meetings.

STAFF REPORTS*:*

ADMINISTRATION:
Mr. Schloneger:
1) Preliminary analysis of the Federal CARES Act funding, the Village of Algonquin may be eligible for over $3,000,000.00 in Federal funds to offset the CoVid revenue losses and potential funding for water and sewer improvements.
2) Indications that Federal Capital Bill likely to be approved and our shovel ready projects will allow us to be first in line to get some of that funding.
3) We are in a good bidding environment for bidding out projects and getting good pricing.
4) CoVid Bill also provided a large amount of money to the State of Illinois which will offset the reduction in LGDF share of State income tax, so we are in a good fiscal position coming out of this pandemic. Thanks to the Board, Department Heads and Staff getting us in this position.

Mr. Kumbera:
1) Work continues on the final 200+ page budget document.
2) Spring newsletter will be out with the next water bill.
3) Free leaf and brush collection will be the first three weeks of April on normal garbage collection days.
4) Final presentation of the Parks & Recreation Master Plan will be presented in April to the Board.

COMMUNITY DEVELOPMENT: Mike Darrow

1) The Planning and Zoning Commission had its meeting last night and Casey's application was tabled to April. Chic Filet was approved with conditions.

POLICE DEPARTMENT: John Bucci

1) Staff is currently working on the 2020 Illinois Traffic Safety Challenge submittal and wanted to share some general numbers with the board – specifically traffic enforcement and total traffic crashes. Although we were working through a pandemic, APD maintained vigilant in traffic enforcement and education. The overall numbers for 2020 citations was increased from previous years and the total crashes within the Village decreased. The full report will be presented to the board after submittal to the Illinois Traffic Safety Challenge.
2) This past Saturday, several members of the Algonquin Police Department participated in the Special Olympics polar plunge. Due to the pandemic the "large events" were cancelled and individual departments were responsible to try to hold their own even. APD completed the Polar Plunge using a dunk tank, that was generously donated by Ed's Rental! The video of the event will be placed on the APD facebook page for all to enjoy.
3) APD was one of a few PD's that received a plaque for raising funds for the Illinois Law Enforcement Torch Run Special Olympics (LETRSO). Chief thanked all of the APD members for their continuous support, the community, local businesses and a special thank you to Sgt. Walker!

PUBLIC WORKS: Michelle Zimmerman

1) Public Works is working on several Development reviews.
2) Public Works is getting projects ready for bid and we are getting favorable prices.
3) Public Works was on snow and ice control yesterday with the winter weather.

CORRESPONDENCE & MISCELLANEOUS: None

OLD BUSINESS:

A. **Motion to Approve the Ninth Continuation of Proclamation of Local Disaster Emergency for the Village of Algonquin**.

The Proclamation was presented to the Village Board to continue the Local Disaster Emergency for the Village of Algonquin until June 15, 2021.

Moved by Trustee Brehmer, seconded by Trustee Glogowski, to approve the Continuation of the Declaration Proclamation.
Roll call vote; voting aye – Brehmer, Glogowski, Jasper, Spella, Steigert, and acting Village President Sosine.
Motion carried; 6-ayes, 0-nays.

EXECUTIVE SESSION: None

NEW BUSINESS: None

ADJOURNMENT: There being no further business, it was moved by Trustee Spella, seconded by Trustee Steigert, to adjourn.

Roll call vote; voting aye – Trustees Brehmer, Glogowski, Jasper, Spella, Steigert, and acting Village President Sosine.
Motion carried; 6-ayes, 0-nays

The meeting was adjourned at 7:57 PM.

Submitted:

_____
Clerk, Maggie Auger

Approved this 6th day of April, 2021

_____

_____
Acting Village President, Debby Sosine

Village of Algonquin
Minutes of the Committee of the Whole Meeting
Held On March 16, 2021
Held Remotely due to COVID 19

AGENDA ITEM 1: Roll Call to Establish a Quorum

Trustee Glogowski, Chairperson, called the Committee of the Whole meeting to order at 7:58 p.m.

Present: Trustees Laura Brehmer, Jerry Glogowski, Janis Jasper, John Spella, Jim Steigert, and Acting President Debby Sosine. A quorum was established

Staff Members Present: Village Manager, Tim Schloneger; Assistant Village Manager, Michael Kumbera; Assistant Public Works Director, Michelle Zimmerman; Interim Community Development Director, Mike Darrow; Police Chief, John Bucci; Chief Innovation Officer, Kevin Crook; Susan Skillman, Comptroller; Village Clerk, Maggie Auger and Village Attorney, Kelly Cahill.

AGENDA ITEM 2: Public Comment
None

AGENDA ITEM 3: Community Development

A. Consider a Special Event Permit for the Algonquin Aces Memorial Tournament to be held May 28- May 30, 2021.

Mr. Darrow stated that Anthony M. Minasola, on behalf of Algonquin Area Youth Organization is seeking approval of a specials and Kelliher Parks. Staff have reviewed the request and recommend approval with eight conditions as outlined in the packet for the Special Event Permit.

Trustee Glogowski, Chairperson of the meeting asked for a consensus to move this to the Village Board.
Roll Call Vote: voting aye: Brehmer, Glogowski, Jasper, Spella, Steigert & Acting President Sosine
Consensus: 6 -ayes, 0 -nays

B. Consider an Ordincance Approving the Village of Algonquin Zoning Map Effective as of January 1, 2021.

Mr. Darrow stated that this is an annual update to the Zoning Maps to reflect the developments over the past year. Zoning of lots has been updated and special uses added.

Trustee Brehmer questioned property located at 5615 Edgewood Dr. and asked for clarification of Zoning of the property. Michelle Zimmerman stated the Village of Algonquin did purchase property and we would want the property annexed. Mr. Darrow said he would look into it and let the Board know the status of the property.

Staff recommends forwarding the 2021 Zoning Map to the Village Board for approval as noted.

Trustee Glogowski, Chairperson of the meeting asked for a consensus to move this to the Village Board.
Roll Call Vote: voting aye: Brehmer, Glogowski, Jasper, Spella, Steigert & Acting President Sosine
Consensus: 6 -ayes, 0 -nays

AGENDA ITEM 4: General Administration
None

AGENDA ITEM 5: Public Works & Safety
Michelle Zimmerman

A. Consideration of an Agreement with Arrow Road Construction for the Scott Street, Homestead Court, Colonial Court & Sunshine Court Improvement Project

Public Works had seven responsible bids from quality local road builders, many who have worked in the Village of Algonquin previously. Very favorable pricing, the low bidder was Arrow Road Construction of Mt. Prospect with a total bid of $620,226.00. Public Works has worked with Arrow Road Construction on many prior projects in the last 25 years and find their work to be of superior quality and a good value for our residents. The engineer's EOPC (Engineer's Opinion of Probable Cost) was $834,195.50, and the Village of Algonquin had budgeted $1,000,000.00 for the project in the upcoming FY2021/2022 Street Improvement Fund budget. Public Works Department's recommended that the Committee of the Whole take the necessary action to move this agreement with Arrow Road Construction for $620,226.00 on to the Board of Trustees for approval. This is basically the reconstruction of Scott St. and three cul-de-sacs off of Scott St.

Trustee Spella asked why the cul-de-sacs are now being done by Arrow since it was originally to be done by the Village. Michelle Zimmerman stated original project was to be Schuett, Scott, and Souwanas were to be funded with the Council of Mayors FAU funds, but they redid there qualifications and that funding only fared well for Schuett and Souwanis Streets. Now they added the cul-de-sacs to the Scott St. project and bidded it out.
Trustee Brehmer asked about the time frame to get Souwanas Street done. Michelle Zimmerman stated it will be done with Council of Mayors FAU funds, and Federal Funds not available for two years. Tim Schloneger added that the administration of the Federal program is being developed and it will be a large influx of federal funds, so Village of Algonquin has to wait on the funding.
Trustee Janis asked when the Scott St. project will be completed. Michelle Zimmerman state should be done this summer.
Acting Village President asked Michelle Zimmerman to contact Founders Committee to let them know of the Scott Street construction project since that will affect where the parade is usually staged if they have the parade.
Trustee Glogowski asked about the low bid for tree pruning with Arrow Construction. Michelle Zimmerman not sure why pricing is so low, but they have to follow proper pruning requirements.

Trustee Glogowski, Chairperson of the meeting asked for a consensus to move this to the Village Board.
Roll Call Vote: voting aye: Brehmer, Glogowski, Jasper, Spella, Steigert & Acting President Sosine
Consensus: 6 -ayes, 0 -nays

AGENDA ITEM 6: Executive Session
None

AGENDA ITEM 7: Other Business
Chief Bucci thanked the IT department for the assistance on the Polar Plunge Video.

AGENDA ITEM 8: Adjournment
There being no further business, Chairperson Glowgowski adjourned the meeting at 8:18 p.m.

Submitted: Maggie Auger, Village Clerk

ORDINANCE NO. 2021 - O -

An Ordinance Approving the Village of Algonquin
Zoning Map Effective as of January 1, 2021

WHEREAS, during 2020 petitions for various zoning matters relating to the Algonquin Zoning Ordinance were filed with the Village of Algonquin; and

WHEREAS, as those petitions for zoning matters were approved, the Village of Algonquin Zoning Map was updated to reflect such actions; and

WHEREAS, pursuant to 65 ILCS 5/11-13-19, the corporate authorities shall cause to be published no later than March 31 of each year a map clearly showing the existing zoning uses, divisions, restrictions, regulations and classifications of such municipality for the preceding calendar year; and

WHEREAS, the Village of Algonquin, McHenry and Kane Counties, Illinois, is a home rule municipality as contemplated under Article VII, Section 6, of the Constitution of the State of Illinois, and the passage of this Ordinance constitutes an exercise of the Village's home rule powers and functions as granted in the Constitution of the State of Illinois.

NOW, THEREFORE, BE IT ORDAINED by the President and Board of Trustees of the VILLAGE OF ALGONQUIN, McHenry and Kane Counties, Illinois, as follows:

SECTION 1: The Village of Algonquin Zoning Map effective as of January 1, 2021, attached hereto and made a part hereof, is formally approved and such action shall be taken to comply with 65 ILCS 5/11-13-19.

SECTION 2: If any section, paragraph, subdivision, clause, sentence or provision of this Ordinance shall be adjudged by any Court of competent jurisdiction to be invalid, such judgment shall not affect, impair, invalidate or nullify the remainder thereof, which remainder shall remain and continue in full force and effect.

SECTION 3: All ordinances or parts of ordinances in conflict herewith are hereby repealed to the extent of such conflict.

SECTION 4: This Ordinance shall be in full force and effect upon its passage, approval and publication in pamphlet form (which publication is hereby authorized) as provided by law.

Aye:
Nay:
Abstain:
Absent:

APPROVED: _____

(SEAL)

ATTEST: _____

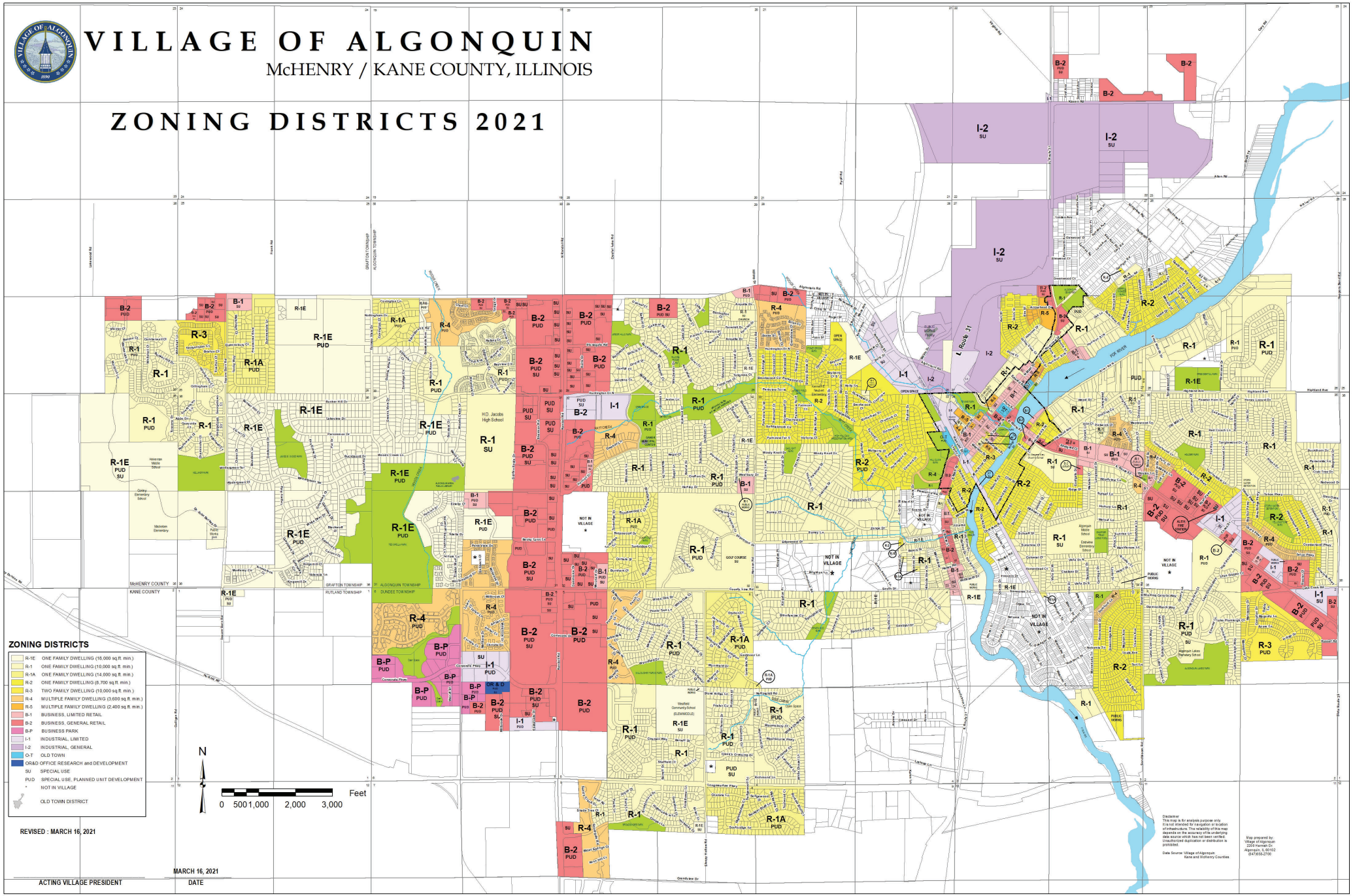
Passed: _____
Approved: _____
Published: _____

Prepared by: Village Staff
Reviewed by: Kelly Cahill, Village Attorney
Zukowski, Rogers, Flood & McArdle
50 Virginia Street
Crystal Lake, Illinois 60014

VILLAGE OF ALGONQUIN

McHENRY / KANE COUNTY, ILLINOIS

ZONING DISTRICTS 2021



REVISED : MARCH 16, 2021

ACTING VILLAGE PRESIDENT

MARCH 16, 2021

DATE

Disclaimer
This map is for analysis purpose only. It is not intended for navigation or location of infrastructure. The reliability of this map depends on the accuracy of the underlying data source which has not been verified. Unauthorized duplication or distribution is prohibited.

Data Source: Village of Algonquin Kane and McHenry Counties

Map prepared by:
Village of Algonquin
2200 Harnish Dr.
Algonquin, IL 60102
(847)658-2700

ORDINANCE NO. 2021-O-____

AN ORDINANCE APPROVING THE VILLAGE OF ALGONQUIN ANNUAL BUDGET FOR FISCAL YEAR 2021-2022

WHEREAS, the Village of Algonquin, McHenry and Kane Counties, Illinois is a home rule municipality as contemplated under Article VII, Section 6, of the Constitution of the State of Illinois, and the passage of this Ordinance constitutes an exercise of the Village's home rule powers and functions as granted in the Constitution of the State of Illinois.

WHEREAS, the Village of Algonquin, McHenry and Kane Counties, Illinois, has adopted 65 ILCS 5/8-2-9.1 through 5/8-2-9.9 in lieu of passing an appropriation ordinance prior to the end of the first quarter of the fiscal year; and

WHEREAS, 65 ILCS 5/8-2-9.4 requires that the annual budget shall be adopted by the corporate authorities before the beginning of the fiscal year to which it applies; and

WHEREAS, Ordinance 92-O-82 requires the preparation of an annual budget Ordinance for approval by the Board of Trustees.

NOW, THEREFORE, Be It Ordained by the President and Board of Trustees of the Village of Algonquin, McHenry and Kane Counties, Illinois, as follows:

SECTION 1: That the Village of Algonquin Annual Budget for Fiscal Year 2021-2022, attached hereto and made a part hereof, is hereby approved.

SECTION 2: If any section, paragraph, subdivision, clause, sentence or provision of this Ordinance shall be adjudged by any Court of competent jurisdiction to be invalid, such judgment shall not affect, impair, invalidate or nullify the remainder thereof, which remainder shall remain and continue in full force and effect.

SECTION 3: All ordinances or parts of ordinances in conflict herewith are hereby repealed to the extent of such conflict.

SECTION 4: This Ordinance shall be in full force and effect upon its passage, approval and publication in pamphlet form (which publication is hereby authorized) as provided by law.

Aye:
Nay:
Absent:
Abstain:

Approved:

_____
Debby Sosine, Acting Village President

ATTEST: _____
Margaret Auger, Village Clerk

Passed: _____
Approved: _____
Published: _____

Prepared By:
Tim Schloneger, Budget Officer
2200 Harnish Drive
Algonquin, Illinois 60102

VILLAGE OF ALGONQUIN
BUDGET SUMMARY
FISCAL YEAR 2021-2022

	REVENUES	EXPENDITURES	SURPLUS (DEFICIT)	
GENERAL				
General	19,937,000	25,437,000	(5,500,000)	1
TOTAL	19,937,000	25,437,000	(5,500,000)	
CAPITAL PROJECTS				
Park Improvement	276,000	1,010,000	(734,000)	2
Street Improvement	10,500,000	16,960,000	(6,460,000)	2
Water & Sewer Improvement & Construction	1,898,000	13,720,000	(11,822,000)	3
Village Construction	4,200	104,500	(100,300)	2
Natural Area & Drainage	480,000	480,000	-	
TOTAL	13,158,200	32,274,500	(19,116,300)	
ENTERPRISE				
Water & Sewer Operating	11,170,000	10,440,800	729,200	
TOTAL	11,170,000	10,440,800	729,200	
SPECIAL REVENUE				
Cemetery	44,000	43,500	500	
MFT	1,105,000	2,090,000	(985,000)	4
Swimming Pool	220,000	220,000	-	
Development	44,500	163,000	(118,500)	4
Downtown TIF	806,000	806,000	-	
SSA #1 - Riverside Plaza	-	-	-	
TOTAL	2,219,500	3,322,500	(1,103,000)	
DEBT				
Debt Service	-	-	-	
TOTAL	-	-	-	
INTERNAL SERVICE				
Vehicle Maintenance	1,163,000	1,163,000	-	
Building Services	924,000	924,000	-	
TOTAL	2,087,000	2,087,000	-	
PENSION TRUST				
Police Pension	5,163,500	1,924,100	3,239,400	
TOTAL	5,163,500	1,924,100	3,239,400	

1 - Transfer to Street Improvement Fund of $5,500,000 using fund balance.
2 - Various capital fund projects are being partially funded from fund balance.
3 - Various capital fund projects are being partially funded from fund balance and IEPA loan
4 - Various expenses are being partially funded from fund balance.

2021 - R -

VILLAGE OF ALGONQUIN

RESOLUTION

BE IT RESOLVED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF ALGONQUIN, KANE AND MCHENRY COUNTIES ILLINOIS: that the Acting Village President is authorized to execute an Agreement between the Village of Algonquin and Arrow Road Construction for the Scott St., Homestead Ct., Colonial Ct., and Sunshine Ct. Road Repair services, in the amount of $620,226.00, attached hereto and hereby made part hereof.

DATED this _____ day of _____, 2021

APPROVED:

(seal)

_____
Debby Sosine, Acting Village President

ATTEST:

_____
Maggie Auger, Village Clerk

SCOTT STREET ROADWAY REHABILITATION IMPROVEMENTS
VILLAGE OF ALGONQUIN, MCHENRY COUNTY, ILLINOIS

TABLE OF CONTENTS

RETURN WITH BID

NOTICE TO BIDDERS

County MCHENRY
Local Public Agency VILLAGE OF ALGONQUIN
Village Project Number VoA
Route VARIOUS

Sealed proposals for the improvement described below will be received at the office of the Village Clerk, 2200 Harnish Drive, Algonquin, Illinois 60102 (Address) until 11:00 AM (Time) on March 9, 2021 (Date)

Sealed proposals will be opened and read publicly at the office of the Village Clerk, 2200 Harnish Drive, Algonquin, Illinois 60102 (Address) at 11:00 AM (Time) on March 9, 2021 (Date)

DESCRIPTION OF WORK

Name Scott St, Homestead Ct, Colonial Ct and Sunshine Ct Improvements Length: 2,805 feet (0.53 miles)
Location Scott Street from Souwanas Trail to Webster Street within the Village of Algonquin, McHenry County, Illinois
Proposed Improvement Consists of resurfacing with hot-mix asphalt binder and surface courses, base stabilization, drainage appurtenances, and all necessary and collateral work to construct the improvements.

1. Plans and proposal forms will be available electronically for free at www.algonquin.org/bids. A compact disc of the information may also be obtained at the office of the Village Clerk, 2200 Harnish Drive, Algonquin, IL 60102

2. ☒ Prequalification
   If checked, the 2 low bidders must file within 24 hours after the letting an "Affidavit of Availability" (Form BC 57), in duplicate, showing all uncompleted contracts awarded to them and all low bids pending award for Federal, State, County, Municipal and private work. One original shall be filed with the Awarding Authority and one original with the IDOT District Office.

3. The Awarding Authority reserves the right to waive technicalities and to reject any or all proposals as provided in BLRS Special Provision for Bidding Requirements and Conditions for Contract Proposals.

4. The following BLR Forms shall be returned by the bidder to the Awarding Authority:
   a. BLR 12200: Local Public Agency Formal Contract Proposal
   b. BLR 12200a Schedule of Prices
   c. BLR 12230: Proposal Bid Bond (if applicable)
   d. BLR 12325: Apprenticeship or Training Program Certification (**do not use for federally funded projects**)
   ~~e. BLR 12326: Affidavit of Illinois Business Office~~

5. The quantities appearing in the bid schedule are approximate and are prepared for the comparison of bids. Payment to the Contractor will be made only for the actual quantities of work performed and accepted or materials furnished according to the contract. The scheduled quantities of work to be done and materials to be furnished may be increased, decreased or omitted as hereinafter provided.

6. Submission of a bid shall be conclusive assurance and warranty the bidder has examined the plans and understands all requirements for the performance of work. The bidder will be responsible for all errors in the proposal resulting from failure or neglect to conduct an in depth examination. The Awarding Authority will, in no case be responsible for any costs, expenses, losses or changes in anticipated profits resulting from such failure or neglect of the bidder.

7. The bidder shall take no advantage of any error or omission in the proposal and advertised contract.

8. If a special envelope is supplied by the Awarding Authority, each proposal should be submitted in that envelope furnished by the Awarding Agency and the blank spaces on the envelope shall be filled in correctly to clearly indicate its contents. When an envelope other than the special one furnished by the Awarding Authority is used, it shall be marked to clearly indicate its contents. When sent by mail, the sealed proposal shall be addressed to the Awarding Authority at the address and in care of the official in whose office the bids are to be received. All proposals shall be filed prior to the time and at the place specified in the Notice to Bidders. Proposals received after the time specified will be returned to the bidder unopened.

9. Permission will be given to a bidder to withdraw a proposal if the bidder makes the request in writing or in person before the time for opening proposals.

RETURN WITH BID

PROPOSAL

County MCHENRY
Local Public Agency VILLAGE OF ALGONQUIN
Village Project Number VoA
Route VARIOUS

1. Proposal of Arrow Road Construction Company
1445 Oakton Street, Elk Grove Village, IL 60007
for the improvement of the above section by the construction of Consists of resurfacing with hot-mix asphalt surface and binder courses, base stabilization, drainage appurtenances, and all necessary and collateral work to construct the improvements.

a total distance of 2,805 feet, of which a distance of 2,805 feet, (0.53 miles) are to be improved.

2. The plans for the proposed work are those prepared by HR Green, Inc., 420 N. Front Street, McHenry, IL 60050 and approved by the Department of Transportation on NA
3. The specifications referred to herein are those prepared by the Department of Transportation and designated as "Standard Specifications for Road and Bridge Construction" and the "Supplemental Specifications and Recurring Special Provisions" thereto, adopted and in effect on the date of invitation for bids.
4. The undersigned agrees to accept, as part of the contract, the applicable Special Provisions indicated on the "Check Sheet for Recurring Special Provisions" contained in this proposal.
5. The undersigned agrees to complete the work within _____ working days or by July 16, 2021 unless additional time is granted in accordance with the specifications.
6. A proposal guaranty in the proper amount, as specified in BLRS Special Provision for Bidding Requirements and Conditions for Contract Proposals, will be required. Bid Bonds will be allowed as a proposal guaranty. Accompanying this proposal is either a bid bond if allowed, on Department form BLR 12230 or a proposal guaranty check, complying with the specifications, made payable to:

Village Treasurer of Algonquin

The amount of the check is 5% of Bid Amount ( ).

7. In the event that one proposal guaranty check is intended to cover two or more proposals, the amount must be equal to the sum of the proposal guaranties, which would be required for each individual proposal. If the proposal guaranty check is placed in another proposal, it will be found in the proposal for: Section Number _____.
8. The successful bidder at the time of execution of the contract will be required to deposit a contract bond for the full amount of the award. When a contract bond is not required, the proposal guaranty check will be held in lieu thereof. If this proposal is accepted and the undersigned fails to execute a contract and contract bond as required, it is hereby agreed that the Bid Bond or check shall be forfeited to the Awarding Authority.
9. Each pay item should have a unit price and a total price. If no total price is shown or if there is a discrepancy between the product of the unit price multiplied by the quantity, the unit price shall govern. If a unit price is omitted, the total price will be divided by the quantity in order to establish a unit price.
10. A bid will be declared unacceptable if neither a unit price nor a total price is shown.
11. The undersigned submits herewith the schedule of prices on BLR 12200a covering the work to be performed under this contract.
12. The undersigned further agrees that if awarded the contract for the sections contained in the combinations on BLR 12200a, the work shall be in accordance with the requirements of each individual proposal for the multiple bid specified in the Schedule for Multiple Bids below.

SCHEDULE OF PRICES

County MCHENRY
Local Public Agency VILLAGE OF ALGONQUIN
Village Project Number VoA
Route VARIOUS

Schedule for Multiple Bids

Combination Letter	Sections Included in Combinations	

Schedule for Single Bid

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

Bidder's Proposal for making Entire Improvements	620,226.00

Item No.	Items	Unit	Quantity	Unit Price	Total
1	TREE ROOT PRUNING	EACH	7	65.00	455.00
2	TEMPORARY FENCE	FOOT	50.0	4.00	200.00
3	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	5	280.00	1,400.00
4	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	5	525.00	2,625.00
5	TRENCH BACKFILL	CU YD	52.7	38.00	2,002.60
6	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	2,160.0	3.50	7,560.00
7	SEEDING, CLASS 1A	ACRE	0.50	2,660.00	1,300.00
8	NITROGEN FERTILIZER NUTRIENT	POUND	50	2.00	100.00
9	POTASSIUM FERTILIZER NUTRIENT	POUND	50	2.00	100.00
10	EROSION CONTROL BLANKET	SQ YD	2,160.0	3.00	6,480.00
11	SUPPLEMENTAL WATERING	UNIT	1	100.00	100.00
12	TEMPORARY EROSION CONTROL SEEDING	POUND	50	5.00	250.00
13	PERIMETER EROSION BARRIER	FOOT	1,705.0	4.00	6,820.00
14	INLET FILTERS	EACH	15	350.00	5,250.00
15	AGGREGATE BASE COURSE, TYPE B	TON	371	15.25	5,657.75
16	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	1,590.0	4.55	7,870.50
17	BITUMINOUS MATERIALS (TACK COAT)	POUND	2,115	0.01	21.15
18	BITUMINOUS MATERIALS (PRIME COAT)	POUND	13,000	0.01	130.00
19	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	110.0	2.90	319.00
20	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	1,200	68.00	81,600.00
21	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50	TON	1,000	64.30	64,300.00
22	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 10 INCH	SQ YD	1,000.0	51.75	51,750.00
23	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	6,540.0	4.95	32,373.00
24	DETECTABLE WARNINGS	SQ FT	90.0	32.00	2,880.00
25	HOT-MIX ASPHALT SURFACE REMOVAL, 5", SPECIAL	SQ YD	5,955.0	2.80	16,674.00
26	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1,180.0	10.00	11,800.00
27	COMBINATION CURB AND GUTTER REMOVAL	FOOT	3,895.0	5.20	20,254.00
28	SIDEWALK REMOVAL	SQ FT	6,540.0	1.30	8,502.00
29	FIRE HYDRANT AND AUXILARY VALVE BOX TO BE REMOVED & REPLACED	EACH	4	4,700.00	18,800.00
30	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	5	300.00	1,500.00
31	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	1	4,200.00	4,200.00
32	REMOVING CATCH BASINS	EACH	1	300.00	300.00
33	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	3,895.0	16.75	65,241.25
34	TRAFFIC CONTROL AND PROTECTION	LSUM	1	15,000.00	15,000.00
35	CHANGEABLE MESSAGE SIGN	CAL MO	6	300.00	1,800.00
36	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	50.0	43.75	2,187.50
37	TREE, CELTIS OCCIDENTALIS WINDY CITY (WINDY CITY HACKBERRY), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	3	825.00	2,475.00
38	TREE, QUERCUS MACROCARPA (BUR OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	3	825.00	2,475.00
39	TREE, SYRINGA PEKINENSIS MORTON (CHINA SNOW PEKING LILAC), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	3	825.00	2,475.00
40	WASHOUT BASIN	L SUM	1	778.00	778.00
41	TEMPORARY PATCHING	SQ YD	115.0	30.50	3,507.50
42	REMOVE AND REINSTALL BRICK PAVER	SQ FT	36.0	22.50	810.00
43	EXPLORATION TRENCH, SPECIAL	FOOT	100.0	75.00	7,500.00
44	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	32	142.75	4,568.00
45	TEMPORARY ACCESS (ROAD)	EACH	6	150.00	900.00
46	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	20	790.00	15,800.00
47	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 9"	SQ YD	205.0	50.00	10,266.40
48	CONSTRUCTION LAYOUT	L SUM	1	6,500.00	6,500.00
49	TEMPORARY INFORMATION SIGNING	SQ FT	78.0	3.00	234.00
50	DOMESTIC WATER SERVICE BOXES TO BE REMOVED AND REPLACED	EACH	5	200.00	1,000.00
51	NEW TYPE I FRAME WITH CLOSED LID	EACH	14	330.00	4,620.00
52	SANITARY SEWER REMOVAL & REPLACEMENT, 8"	FOOT	187.0	85.00	15,895.00
53	STORM MANHOLE REHABILITATION	EACH	6	600.00	3,600.00
54	CEMENT (65 LBS/SY)	TON	195	143.00	27,885.00
55	PROCESSING SOIL-CEMENT BASE COURSE, 12 INCH	SQ YD	5,955.0	4.95	29,891.75
56	HOT-MIX ASPHALT SURFACE REMOVAL, 4", SPECIAL	SQ YD	3,618.0	2.70	9,768.60
57	PREPARATION OF BASE	SQ YD	3,618.0	1.55	5,607.90
58	AGGREGATE BASE COURSE REMOVAL AND REPLACEMENT, 12 INCH	SQ YD	190.0	34.50	6,555.00
59	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	250.0	41.35	10,337.50

RETURN WITH BID

CONTRACTOR CERTIFICATIONS

County MCHENRY
Local Public Agency VILLAGE OF ALGONQUIN
Village Project Number VoA
Route VARIOUS

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 Deliquency.** 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 MCHENRY
Local Public Agency VILLAGE OF ALGONQUIN
Village Project Number VoA
Route VARIOUS

(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 Arrow Road Construction Company

Signed By John F. Healy
President

Business Address 1445 Oakton Street
Elk Grove Village, IL 60007

Insert Names of Officers
President John F. Healy
Secretary John F. Healy, Jr.
Treasurer Michael J. Salmon

Attest: John F. Healy Jr.
Secretary

Apprenticeship or Training Program Certification

RETURN WITH BID

Route	VARIOUS
County	MCHENRY
Local Agency	VILLAGE OF ALGONQUIN
Village No.	VoA

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.

_____ _____
_____ _____
_____ _____
_____ _____
_____ _____

See Attached – Listed Below

Bidders Apprenticeship Participation

** Laborers International Union of North America
** International Brotherhood of Teamsters
** International Brotherhood of Operating Engineers

Subcontractors Apprenticeship Participation

** All Unions Listed Above
** Cement Masons International Association
** United Brotherhood of Carpenters
** International Brotherhood of Electrical Workers

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: Arrow Road Construction Company

Address: 1445 Oakton Street
Elk Grove Village, IL 60007

By: John F. Healy (Signature)

Title: John F. Healy, President

INDEX
FOR
SUPPLEMENTAL SPECIFICATIONS
AND RECURRING SPECIAL PROVISIONS

Adopted January 1, 2021

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

ERRATA Standard Specifications for Road and Bridge Construction
(Adopted 4-1-16) (Revised 1-1-21)

SUPPLEMENTAL SPECIFICATIONS

Illinois Department of Transportation

Check Sheet for Recurring Special Provisions

Local Public Agency	County	Section Number
Village of Algonquin	McHenry	

☒ **Check this box for lettings prior to 01/01/2021.**

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

Recurring Special Provisions

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Local Public Agency	County	Section Number
Village of Algonquin	McHenry	

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

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INDEX OF SPECIAL PROVISIONS

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; the "Supplemental Specifications and Recurring Special Provisions," latest edition as indicated on the Check Sheet included herein, and Standard Specifications for Water and Sewer Main Construction in Illinois, latest edition, which apply to and govern the improvements of the Scott Street, Homestead Court, Colonial Court & Sunshine Court Roadway Rehabilitation Improvements, McHenry County, Illinois. In case of conflict with any or parts of said Specifications, the said Special Provisions shall take precedence and shall govern.

LOCATION OF PROJECT

This project consists of improving Scott Street between Souwanas Trail and Webster Street, Homestead Court, Colonial Court, and Sunshine Court in the Village of Algonquin as described herein and as shown in the project plans. The total length of the improvement is 2,805 feet or 0.53 miles.

DESCRIPTION OF PROJECT

The work shall include, but not limited to, base stabilization with cement, hot-mix asphalt surface removal, hot-mix asphalt binder course, hot-mix asphalt surface course, storm sewer appurtenances, sidewalks, and all incidental and collateral work necessary to complete the project as described herein.

MAINTENANCE OF ROADWAYS

Effective: September 30, 1985
Revised: November 1, 1996

Beginning on the date that the Contractor begins work on this project, he 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 for 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.

MOBILIZATION

This Contract contains no provisions for Mobilization. Therefore, Section 671 of the Standard Specifications is deleted.

COMPLETION DATE

This contract shall be completed, including all punchlist items, by **July 16, 2021**; 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.

FAILURE TO COMPLETE THE WORK ON TIME

Effective: September 30, 1985
Revised: January 1, 2007

Should the Contractor fail to complete the work on or before the completion dates as specified in the Special Provision for "Completion Date", or within such extended time as may have been allowed by the Department, the Contractor shall be liable to the Department in the amount of $2,500, not as a penalty but as liquidated damages, for each calendar day or a portion thereof of overrun in the contract time or such extended time as may have been allowed.

In fixing the damages as set out herein, the desire is to establish a certain mode of calculation for the work since the Department's actual loss, in the event of delay, cannot be predetermined, would be difficult of ascertainment, and a matter of argument and unprofitable litigation. This said mode is an equitable rule for measurement of the Department's actual loss and fairly take into account the loss of use of the roadway if the project is delayed in completion. The Department shall not be required to provide any actual loss in order to recover these liquidated damages provided herein, as said damages are very difficult to ascertain. Furthermore, no provision of this clause shall be construed as a penalty, as such is not the intention of the parties.

A calendar day is every day shown on the calendar and starts at 12:00 midnight and ends at the following 12:00 midnight, twenty-four hours later.

REDUCTION IN THE SCOPE OF WORK

The Summary of Quantities is a listing of work to be completed. However, due to budgetary constraints the awarding authority reserves the right to 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 or the reduction in asphalt thickness up to a half inch (1/2").

RECORD DRAWINGS

The CONTRACTOR shall provide the VILLAGE with record drawings and field notes detailing the work and denoting any changes from the design as shown on the plan sheets. The VILLAGE requires that record drawings be submitted as two (2) E size (36"x 24") hard copies, and one (1) electronic version (.pdf) on a CD. All utilities shall have rim and invert information (Simple strike and re-write). The record drawing shall show building, sidewalks, and parking lot, outlines. The record drawing shall be stamped and approved by licensed surveyor or civil engineer. Spot grades are not required for the foundation, sidewalk, curbs, or other hardscapes. Constructed items required to have rim & invert information captured by survey include: Sanitary Manholes, Grease Traps, Clean Outs, Water Valve Vaults, Water Service Boxes (b-box), Storm Manholes, Catch Basins, Inlets, Overflow Structures, & Flared End Sections. All pipes shall have material, slope, and length checked (Simple strike & re-write). The cost for providing this information will be considered incidental to the project.

STATUS OF UTILITIES TO BE ADJUSTED

Utility companies and/or municipal owners located within the construction limits of this project have provided the following information in regard to their facilities and the proposed improvements. The tables below contain a description of specific conflicts to be resolved and/or facilities which will require some action on the part of the Department's contractor to proceed with work. Each table entry includes an identification of the action necessary and, if applicable, the estimated duration required for the resolution.

UTILTIES TO BE ADJUSTED

Conflicts noted below have been identified by following the suggested staging plan included in the contract. The company has been notified of all conflicts and will be required to obtain the necessary permits to complete their work; in some instances resolution will be a function of the construction staging. The responsible agency must relocate or complete new installations as noted in the action column; this work has been deemed necessary to be complete for the Department's contractor to then work in the stage under which the item has been listed.

NO CONFLICTS ANTICIPATED

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, unless noted otherwise in the plans. 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

701001, 701006, 701101, 701301, 701311, 701501, 701801 and 701901

Details

TC-10 (Traffic Control and Protection for Side Roads, Intersections, and Driveways)

Special Provisions

Maintenance of Roadways
Advanced Public Notification
Supplemental Signage
General Notes (plans)
Work Zone Traffic Control (LRS#3)
Flaggers in Work Zones (LRS#4)
Traffic Control Devices – Cones (BDE 80409)
Work Zone Traffic Control Devices (BDE 80427)

The Contractor shall contact the Village 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.

This work will be paid for at the contract LUMP SUM price for TRAFFIC CONTROL AND PROTECTION.

ADVANCED PUBLIC NOTIFICATION

Description.
This work shall consist of furnishing, installing, maintaining, and relocating changeable message signs for various stages of construction. One sign shall be placed on Souwanas Trail east of Scott Street. One sign shall be placed on Scott Street at the north project limits at the intersection with Webster Street. One sign shall be placed on Schuett Street west of Scott Street.

The Contractor shall provide notice to the public a minimum of 5 days in advance of any work that requires the closure of lanes through the use of a changeable message sign.

Basis of Payment.
This work will be paid as CHANGEABLE MESSAGE SIGN in CALENDAR DAYS.

SUPPLEMENTAL SIGNAGE

NO PARKING SIGNS
The Contractor shall be responsible for keeping vehicles off the streets as needed for the project. The Contractor shall install and maintain temporary signs in the parkway twenty-four (24) hours prior to starting work on each street. The signs shall read “NO PARKING, 7:00 AM – 7:00 PM” and state the day or days of the week work will be done. Immediately following each stage of work on each street, the

Contractor shall remove the signs and reinstall them as needed.

FRESH OIL SIGNS
The Contractor shall be responsible for posting 'FRESH OIL' signs (48" X 48" minimum) as needed for the project. The Contractor shall install and maintain temporary signs in the parkway twenty-four (24) hours prior to placing prime coat on each street. The signs shall read "FRESH OIL, TRAVEL AT YOUR OWN RISK". The Contractor shall remove the signs and reinstall them as needed.

ROAD CONSTRUCTION AHEAD SIGNS
The Contractor shall be responsible for posting 'ROAD CONSTRUCTION AHEAD' signs (48" X 48" minimum) as needed for the project. The Contractor shall install and maintain temporary signs in the parkway seventy-two (72) hours prior to beginning work in a particular area or subdivision. The Contractor shall remove the signs and reinstall them as needed.

If construction and maintenance sign installation is not completed as specified above or as requested by the Engineer or the Village, liquidated damages in the amount of $500.00 per day will be assessed.

WASHOUT BASIN

Description.
This work consists of installation, maintenance and subsequent removal and disposal of a concrete washout basin and shall be done in accordance with Sections 280 of the Standard Specifications and as shown on the plans. The washout basin shall be removed after concrete items have been installed.

A concrete washout basin shall be supplied as necessary to accommodate concrete delivery operations. No more than one (1) washout basin will be permitted without approval from the Engineer. The washout basin location(s) must be approved by the Engineer prior to installation.

Measurement and Basis of Payment.
This work will be paid for at the contract LUMP SUM price for WASHOUT BASIN, which price shall be payment in full for all of the work as specified above.

EXPLORATION TRENCH, SPECIAL

Description.
This work shall be in accordance with Section 213 of the Standard Specifications insofar as applicable and noted herein.

Revise Article 213.01 to read:
"This work shall consist of excavating a trench at locations as directed by the Engineer for the purpose of locating existing sewer lines, water mains, sanitary sewers and other utilities within or adjacent to the proposed project limits."

Revise the second paragraph of Article 213.02 to read:
"The trench shall be deep enough to expose the sewer lines, water mains, sanitary sewers or other utilities. The width of the trench shall be sufficient to allow proper investigation to determine if the existing facility needs to be adjusted.

The Contractor shall familiarize himself with the locations of all underground utilities of facilities as outlined in applicable Articles 105 of the Standard Specifications and shall save such facilities from damage."

Revise the fourth paragraph of Article 213.02 to read:

"The exploration trench shall be backfilled with trench backfill meeting the requirements of the Standard Specifications, the cost of which shall be included in the item EXPLORATION TRENCH, SPECIAL."

Method of Measurement.
This work shall be measured in place and measured per lineal FOOT. Payment shall be based on actual length of trench explored without change in unit price because of adjustment in plan quantities due to field conditions.

An estimated length of EXPLORATION TRENCH, SPECIAL has been shown in the Summary of Quantities to establish a unit price, and payment shall be based on actual length of trench explored without change in unit price because of adjustment in plan quantities. This work shall be measured in accordance with Article 213.03.

Basis of Payment.
This work will be paid for at the contract unit price per FOOT for EXPLORATION TRENCH, SPECIAL and no extra compensation will be allowed for any delays, inconvenience or damage sustained by the Contractor in performing this work. This price shall include excavation, backfill, and disposal of excess material.

DRIVEWAY PAVEMENT REMOVAL

Description.
This work shall be done in accordance with Section 440 of the Standard Specifications. This work shall be done at locations shown on the plans and where directed by the Engineer.

Revise the third paragraph of Article 440.03 to read:
"Driveway material types may include Portland Cement Concrete, Hot-Mix Asphalt, Aggregate, and in some cases existing ground. Additional compensation will NOT be allowed for varying materials types or thicknesses comprising of the existing driveway approach."

Add the following to Article 440.03:
"The Contractor shall be responsible for maintaining traffic control and protection to prevent traffic from using the driveways during construction. The Contractor shall not be allowed to close a half of a driveway entrance for more than 72 hours under any circumstance.

Reinforcing bars may be embedded in old concrete driveways. Sawing, removal, and disposal of reinforcing bars will not be paid for separately but shall be included in the cost of the item removed.

Additional excavation noted by the Engineer in the field to provide a suitable granular sub-base will be performed by the Contractor at no expense to the Contract.

The Contractor shall form a perpendicular straight joint by full depth machine sawing at the end of the portion to be removed to prevent surface spalling. These areas must be marked and measured for payment by the Engineer prior to removal. The Contractor at his/her expense shall repair any driveway pavement damaged by the Contractor during the driveway pavement removal operations."

Measurement and Basis of Payment.
This work will be paid for at the contract unit price per SQUARE YARD for DRIVEWAY PAVEMENT REMOVAL, which price shall include saw cutting and the removal and disposal of the existing driveway pavement.

PROCESSING SOIL-CEMENT BASE COURSE

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

Description. This work shall consist of pulverizing all of the existing bituminous layers and/or portions of the aggregate base material to a specified depth and maximum size; mixing cement, water and additives with the recycled material; and spreading and compacting the mixture.

Materials. Materials shall be according to the following Articles of Division 1000 – Materials.

Item	Article/Section
(a) Portland Cement (Note 1)	1001
(b) Water	1002
(c) Fine Aggregate (Note 2)	1003
(d) Coarse Aggregate (Note 2)	1004
(e) Reclaimed Asphalt Pavement (Note 3)	1031
(f) Cold Pulverized Material (Note 4)	
(g) Mix Design (Note 5)	

Note 1 Limit. The type and allowable percentage will be described in the mix design.

Note 2 The mix design will specify gradation and quality of any additional aggregate. Any additional fine aggregate shall meet Class B quality as a minimum. Any additional coarse aggregate shall meet Class C quality as a minimum.

Note 3 The Engineer may allow reclaimed asphalt pavement (RAP) from Conglomerate "D" Quality or better RAP stockpiles as specified in Article 1031.02 or from millings of the existing highway. The RAP material shall not exceed the maximum size requirement of the cold pulverized material, and when blended with the cold pulverized material, shall produce a product which meets the specifications of the mix design.

Note 4 After pulverization, the gradation of the cold pulverized material shall meet the following requirements.

COLD PULVERIZED MATERIAL GRADATIONS				
Grad No.	Sieve Size and Percent Passing			
	3 in. (75 mm)	2 in. (50 mm)	1 ½ in. (37.5 mm)	No 4 (4.75 mm)
PM 3		100	100-97	
PM 4	100	95		55

Note 5 A mix design for each distinct section shall be submitted to the Department prior to construction using actual materials (in-situ sampled by the Contractor and new materials from the Contractor's material suppliers) proposed for the project. The job mix formula shall meet the criteria in Attachment II-C (Cement) of Illinois Department of Transportation's Geotechnical Manual and shall be approved by the Engineer.

FDR WITH CEMENT MIX DESIGN REQUIREMENTS	
Test Method	Requirement
Gradation for Design Millings, AASHTO T 27	Report

Liquid Limit, AASHTO T 89	Report
Plasticity Index, AASHTO T 90	Report
Sand Equivalent, ASTM D2419, Method B	Report
Moisture Density Relationship	Report
Compressive Strength, 3 day, (psi) Compressive Strength, 7 day, (psi)	300 min 500 min
Freeze Thaw Durability, Vacuum Saturation Test, 7 day (psi)	350 min
Additional Additives(s) Coarse Aggregate Fine Aggregate RAP	Report Report Report
Cement Percentage	Report

Notes: 1. Report shall include type/gradation and producer/supplier.

Equipment. Equipment shall be according to the following Articles of Division 1100 – Equipment.

(a) Vibratory Roller (Note 1)……..1101.01(g)
(b) Mechanical Sweeper …….... 1101.03
(c) Motor Grader……..... 1101.05
(d) Self-Propelled Milling Machine……1101.06(a)
(e) Mechanical Spreader (Note 2)
(f) Self-Propelled Reclaimer (Note 3)
(g) Self-Propelled Vibratory Padfoot Roller (Note 4)
(h) Water Truck (Note 5)

Note 1. The double drum vibratory steel roller shall have a gross weight of not less than 10 tons (9 metric tons).

Note 2. Spreaders or distributors used to apply the stabilization chemical for FDR shall be cyclone, screw type or pressure manifold type. Spreaders or distributors used shall be able to demonstrate a consistent and accurate application rate while minimizing dust during construction. Imported granular material used for FDR may be tailgated with end dumps and spread to a uniform thickness with a motor grader or it may be spread with mechanical spreader or placed with a conventional paver.

Note 3. The self-propelled reclaimer shall be capable of fully pulverizing the existing pavement to the depth required mix the materials to produce a homogeneous material. The self-propelled reclaimer shall be capable of mixing in place to a minimum depth of 12 in. should be used. The cutting drum should be fitted with cutting teeth capable of trimming earth, aggregate and bituminous mixtures, and so designed that they may be accurately adjusted vertically and held in place. The machine shall weigh at least 12.5 tons (11.5 metric tons) and shall have such strength and rigidity that it will not develop a center deflection of more than 1/8 in (0.125 mm). Disc harrows, bucket teeth and other equipment that do not meet the above requirements shall not be used.

Note 4. The self-propelled vibratory pad foot roller shall have 84 in. (2133 mm) wide drums and gross weight of not less than 10 tons (9 metric tons). A front mounted blade is recommended for back-dragging. A self-propelled vibratory pad foot roller shall be required for each self-propelled reclaimer.

Note 5. Water trucks shall be set up for a controlled spray.

CONSTRUCTION REQUIREMENTS

General Conditions. This work consisting of cement application, mixing, spreading, compacting, and finishing shall be continuous and completed within 2 hours from the start of mixing. Any processed material that has not been compacted and finished shall not be left undisturbed for longer than 30 minutes.

Weather Limitations. This work shall be performed when the atmospheric temperature in the shade and away from artificial heat is 40° F (10 °C) and rising.

Pre-pulverization and Initial Shaping. Moisture content shall be within ± 2.0 percent from the optimum moisture content determined by the mix design. If the moisture content is too low, water shall be added directly by a water truck. The existing pavement shall be pre-pulverized by the self-propelled reclaimer and/or shaped by the motor grader to correct for profile, crown, and contour, according to the plans, before the addition of the cement. Water, coarse aggregate, RAP Material, or other additives required may be added during this operation. The pre-pulverized and shaped material shall be compacted with a vibratory roller in static mode to support equipment and/or traffic and to provide depth control during processing. Depth of pre-pulverization and shaping shall be 1 in. (25 mm) to 2 in. (50 mm) less than the depth of final processing.

Processing. The quantity of cement specified in the mix design shall be spread o the finished surface of the pre-pulverized material using a mechanical spreader. If a slurry is being applied, the finished surface of the pre-pulverized material shall be scarified prior to spreading of the slurry to prevent excessive runoff or ponding.

Mixing shall begin as soon as possible after the cement has been spread; however, the time from cement placement on the finished surface of the pre-pulverized material shall not exceed 60 minutes. Mixing shall continue until the entire mixture is pulverized so that the mixed material passes the gradation specified.

The final test shall be made at the conclusion of mixing operations. Prior to compaction, the mixture shall be at the required moisture content throughout. If using dry cement, water application shall only be done through the self-propelled reclaimer integrated fluid injection system during mixing.

Compaction. The recycled material shall be compacted according to the following.

(a) Growth Curve. Compaction shall be accomplished by performing a growth curve within the first one-half mile of production. If an adjustment is made to the cement or recycled depth, the Engineer reserves the right to request an additional growth curve. The growth curve, consisting of a plot of lb/cu-ft (kg/cu-m) versus number of passes with the project breakdown roller, shall be developed. Roller speed during the growth curve testing shall be the same as the normal paving operation. This curve shall be established by use of a nuclear gauge. Tests shall be taken after each pass until the highest lb/cu ft (kg/cu m) is obtained. This value shall be the target density.

A new growth curve is required if the rollers used on the growth curve are replaced with a new roller during production. The target density shall apply only to the specific gauge used. If additional gauges are to be used to determine density specification compliance, the Contractor shall establish a unique minimum allowable target density from the growth curve location for each gauge.

(b) Rollers. Immediately after processing and final shaping the recycled material shall be compacted with equipment meeting the following requirements.

MINIMUM ROLLER REQUIREMENTS FOR FDR

Breakdown Roller (one of the following)	Intermediate Roller [1]	Final Roller (one or more of the following)[1]	Density Requirement
P[1], PF[2]	P, V_D	P, V_S	95 – 102 percent of the target density obtained on the growth curve

Notes(s): 1. Equipment definitions in Table 1 of Article 406.07.
2. PF – Self-propelled vibratory padfoot roller for breakdown rolling.

(c) Rolling. The breakdown roller shall be 500 ft (150 m) or less behind all self-propelled reclaimer units. The recycled material shall be compacted by the padfoot roller, applying high amplitude and low frequency, or the pneumatic-tired roller. Breakdown rolling shall be performed until the breakdown roller walks out of the material. Walking out for the padfoot roller is defined as light being clearly evident between all of the pads at the material-padfoot drum interface and being no more than 3/16 in. (5 mm) deep. Walking out for the pneumatic-tired roller is defined as no significant wheel impressions being left on the surface.

After the completion of breakdown rolling, the motor grader shall be used to cut the recycled material no deeper than necessary to remove breakdown roller marks from the initial compaction and to achieve desired cross slope.

The bladed recycled material shall be compacted by the intermediate and final rollers. The number of passes and order of rollers may be altered to meet compaction requirements. Finish rolling shall not be done in vibratory mode. Water may be lightly sprayed by a water truck to aid in improving final density and appearance. A second water truck is required if water is also being added at the reclaimer.

Curing. Finished portions of the FDR base that are traveled on by equipment used in constructing an adjoining section shall be protected in such a manner as to prevent equipment from marring or damaging completed work.

Sufficient protection from freezing shall be given the chemically stabilized material for 7 days after its construction or as approved by the engineer.

Micro Cracking. If a cementitious stabilizing agent is used, the surface course is thin, and the compressive strength of the FDR is not limited, micro cracking shall be used to help prevent shrinkage cracking and reduce reflective cracking in the final surface course.

A target compressive strength of 300 to 500 psi is typically selected for stabilized base strength. After the initial 24 hour cure period, the FDR should be tested to determine the stiffness modulus using an approved device. Note 1 If the initial readings are below the required stiffness the FDR section should be allowed to cure for an additional 24 hours prior to additional stiffness
readings. If above the require stiffness, micro cracking of the FDR should be accomplished by a 12 ton steel drum vibratory roller. The roller should travel at a speed of approximately 2 mph and vibrating at maximum amplitude and lowest frequency, or as directed by the Engineer.

For reference:

UCS	Stiffness, K	Micro Cracking
300 to 500 psi	50+ MN/m (285.5 k lbf/in)	Yes

The section should have 100% coverage of the micro cracking process, exclusive of the outside 1 foot, so as to induce minute cracks in the FDR section. After one pass of the vibratory roller the stiffness of the

FDR section should be determined. Additional passes of the steel drum roller may be required to achieve the desired crack pattern or section modulus. After each pass the stiffness of the section should be determined and the micro cracking operations terminated when a minimum 40% reduction in the stiffness is achieved when compared to the initial readings. In the absence of measurement by a stiffness gauge, micro cracking should be terminated when the desired crack pattern is achieved. Typically 1 to 4 passes of the roller is required to achieve the required reduction in stiffness.

After the micro cracking operations, intermediate curing shall be continued. If the FDR section was previously moist cured, mist curing shall continue for an additional 2 to 4 days. As an alternative, the stabilized surface can be moist cured for an additional 2 to 4 hours and then a bituminous fog seal applied.

Opening to Traffic. Completed portions of FDR base may be opened immediately to low speed local traffic and to construction equipment, provided the curing material or moist curing operations are not impaired and provided the FDR base is sufficiently stable to withstand marring or permanent deformation. The section can be opened up to all traffic after the FDR base has received a curing compound or subsequent surface and is sufficiently stable to withstand marring or permanent deformation. If continuous moist curing is employed in lieu of a curing compound or subsequent surfacing within 7 days, the FDR base can be opened to all traffic after the 7 day moist curing period, provided the FDR base has hardened sufficiently to prevent marring or permanent deformation.

Maintenance. The finished surface shall be maintained in good condition until all work is completed and accepted. Immediate repairs of any defects that may occur shall be done at the contractor's expense. If it is necessary to replace any processed material, the replacement shall be for full depth, with vertical cuts, using an approved material. No skin patches shall be permitted.

Quality Control/Quality Assurance (QC/QA)

(a) Quality Control by the Contractor. The Contractor shall perform or have performed the inspection and tests required to assure conformance to contract requirements. Control includes the recognition of obvious defects and their immediate correction. This may require increased testing, communication of test results to the job site, modification of operations, suspension of the work, or other actions as appropriate.

The Engineer shall be immediately notified of any failing tests and subsequent remedial action. Passing tests shall be reported to the Engineer no later than the start of the next work day.

(b) Quality Assurance by the Engineer. The materials testing Engineer will conduct independent assurance tests on split samples taken by the Contractor for quality control testing. In addition, the materials testing Engineer will witness the sampling and splitting of these samples and will immediately retain witnessed split samples for quality assurance testing.

(c) Tests Methods and Frequency

1. Depth of Pulverization (Milling). The nominal depth at the centerline shall be required. Anytime depth changes are made or equipment is idle, a depth check shall be taken.

2. Pulverized Material Sizing and Gradation. A sample shall be obtained before cement addition and screened using a 3.0 in. (37.5 mm) sieve (or smaller sieve if required) to determine if meeting the maximum particle size requirement. Gradations shall be performed each day on the moist millings using the following sieves: 2.0, in. 1.5 in., 1.0 in., ¾ in., ½ in., 3/8 in., No. 4, No. 8, No. 16, and No. 30. The resulting gradation shall be compared to the mix design gradations to determine any necessary changes to cement content.

   Sampling procedures shall generally be in accordance with ASTM D 979 or AASHTO T 168.

3. Cement Application Rate. The Engineer shall be notified any time cement application rate is changed. The cement application rate shall be checked and recorded for each segment in which the percentage is changed.

4. Water Content. The Engineer shall be notified any time the water content is changed. Water content at the milling head shall be checked and recorded for each segment in which the percentage is changed. This information shall be gathered from the water metering device, which can be checked from the belt scale totalizer to verify daily quantities used. Water content changes shall be made based on mixture consistency, coating, and dispersion of the recycled materials.

5. Compacted Density. A dry density shall be determined using a nuclear moisture-density gauge generally following the procedures for ASTM D 2950, direct transmission measurement. This measurement shall be compared to the target density obtained by the growth curve.

6. Frequency. The following table provides the minimum frequency for tests; however, the Engineer may increase the testing frequency if the construction process is experiencing problems or unknown conditions are encountered.

QC/QA TESTING FREQUENCY		
Test	QC Frequency[1]	QA Frequency[1]
Depth of Pulverization	1 per 500 ft (150 m)	1 per 1000 feet (300 m)
Pulverized Material Gradation	1 per 0.5 day of production	1 per day of production
Cement Application Rate	1 per 500 ft (150 m)	1 per 1000 feet (300 m)
Water Content	1 per 500 feet (150 m)	1 per 1000 feet (300 m)
Compacted Density Compacted Strength[2]	1 per 0.25-mile (0.4 km) 1 per 0.5 day of production	1 per mile (1.6 km) not required

Note: 1. The Contractor shall perform all quality control tests within the first 500 ft (150 m) after startup or any change in the mix. The Department will also run the split samples at these locations.

2. Strength specimens prepared in the field for testing after 3 days and 7 days cure or as prescribed by the engineer. Tests are for information only, not acceptance.

Measurement and Basis of Payment.
This work will be measured and paid for at the contract unit price per SQUARE YARD for PROCESSING SOIL-CEMENT BASE COURSE, 12".

The CEMENT material and application shall be measured and paid for at the contract unit price per TON, which shall also include the mix design. The cement percentage used for quantities is 5% with an application rate of 65 lbs/sy, and may be adjusted based upon the mix design. Mix design by the Contractor shall be supplied to the Engineer for review and approval two weeks prior to construction.

In some cases, it may be necessary to add aggregate base course materials in order to establish the proposed base course elevation. If additional coarse aggregate is needed, it will be paid per TON for AGGREGATE BASE COURSE, TYPE B.

HOT-MIX ASPHALT SURFACE REMOVAL, 4", SPECIAL

Description.
This work shall be performed in accordance with the applicable portions of Article 406.18 and Section 440 of the Standard Specifications shall consist of milling adjacent to concrete gutters, for the removal of the existing asphalt pavement and portion of the aggregate base full-width to the thickness of grinding, 4" or as directed by the Engineer to accommodate hot-mix asphalt resurfacing. It is anticipated that the base

course will be exposed to accommodate the proposed resurfacing.

Construction.
Materials resulting from the milling operation shall be removed and disposed of as specified in Article 440.06.

All areas in the roadway that are generally loose aggregate shall be, shaped, water added if necessary, and compacted as shown on the plans and to the satisfaction of the Engineer. It may be necessary to grade and shape the existing aggregate base course in order to establish the proposed base course elevation. This work will be paid for separately per square yard as PREPARATION OF BASE.

Hot-Mix Asphalt Surface Removal, 4", Special shall consist of removing the asphalt surface in order to provide a relatively smooth surface in advance of resurfacing operations. It is the intent to profile the street and thereby provide a proper surface for resurfacing without raising the present crown of the road. The average depth to be removed is 4" as shown on the plans, however, no additional compensation will be granted for removal of asphalt surface for variance in thickness (some of the streets may have 2 inches to 4 inches of asphalt surface over the aggregate base) or the excavation and disposal of excess material. The method of performing this work shall be reviewed with and acceptable to the Engineer, and the profiling shall be acceptable to the Engineer before the proposed asphalt binder course can be placed. Excess aggregate material resulting from grading of the base course to accommodate the proposed hot-mix asphalt thickness shall be hauled away at Contractor's expense.

The Contractor will be required to commence hot-mix asphalt binder course paving operations within 5 calendar days after the start of HOT-MIX ASPHALT SURFACE REMOVAL, 4", SPECIAL operations; failure to do so shall result in a charge of $1,000 per each calendar day over the above specified time.

The Contractor shall exercise caution to avoid damaging curb and gutter during the milling and clean-up operations. Damage to gutter edges, due to Contractor operations, shall be corrected by the Contractor via removal and replacement of the entire damaged section and will not be measured for payment.

The materials generated shall become property of the Contractor and shall be removed from the site of work at the end of the day. Failure to do so shall result in a charge of $500 per each calendar day over the day of the removal operations.

Measurement.
Hot-mix asphalt surface removal will be measured in place and the area computed in square yards.

Basis of Payment.
This work will be paid for at the contract unit price per square yard for HOT-MIX ASPHALT SURFACE REMOVAL, 4", SPECIAL, which price shall include all labor, material and equipment necessary to complete the work as specified above.

HOT-MIX ASPHALT SURFACE REMOVAL, 5", SPECIAL

Description.
Hot-Mix Asphalt Surface Removal shall consist of the removal of the existing asphalt pavement and portions of the aggregate base over the full-width of the roadway in order to profile the roadway and establish proper crown. It is anticipated that in some sections the entire asphalt pavement will be removed in addition to a portion of the aggregate base course, exposing the base course.

Construction.
Materials resulting from the milling operation shall be removed and disposed of as specified in Article 440.06.

The average depth to be removed is 5" as shown on the plans, however, no additional compensation will be granted for removal of asphalt surface for variance in thickness (some areas may require 4 ½" to 5 ½" of asphalt surface removal) or excavation and disposal of excess material. It is the intent to remove the pavement surface as required, so as to profile the street. The method of performing this work shall be reviewed with and acceptable to the Engineer and the profiling shall be acceptable to the Engineer before the proposed asphalt binder course can be placed. Excess asphalt or aggregate material resulting from grading of the base course to accommodate the proposed hot-mix asphalt thickness shall be hauled away at contractor's expense. Any additional aggregate required to bring the Aggregate Base Course to proper grade will be CA-6 crushed, and will be paid for separately per TON.

Measurement.
Hot-Mix Asphalt Surface Removal will be measured in place and the area computed in square yards.

Basis of Payment.
This work will be paid for at the contract unit price per SQUARE YARD for HOT-MIX ASPHALT SURFACE REMOVAL, 5", SPECIAL.

AGGREGATE BASE COURSE, TYPE B

Description.
This work shall be performed in accordance with the applicable articles of Section 351 of the Standard Specifications. AGGREGATE BASE COURSE, TYPE B will be used as directed by the Engineer in conjunction with pre-pulverization and preparation of base.

Construction Requirements.
As directed by the Engineer, the aggregate will be distributed in existing areas lacking sufficient aggregate and in existing areas where it may be necessary to slightly raise the existing roadway profile. The aggregate shall be distributed and spread in conjunction with full-depth reclamation operations.

Materials.
Materials shall be in conformance with the applicable articles of Section 1004 of the Standard Specifications with the following exceptions:

> Revise Article 1004.04 (c), paragraph 5 to read: "For granular aggregate, gradation CA 6 crushed gravel, crushed stone, RAP, or recycled concrete may be used."

Method of Measurement.
This work shall be measured for payment in TONS.

An estimated tonnage for AGGREGATE BASE COURSE, TYPE B has been shown in the Summary of Quantities to establish a unit price, and payment shall be based on actual material delivered without change in unit price because of adjustment in plan quantities.

Basis of Payment.
This work will be paid for at the contract unit price per TON for AGGREGATE BASE COURSE, TYPE B.

AGGREGATE BASE COURSE REMOVAL & REPLACEMENT, 12 INCH

Description.
This work shall consist of the removal of the existing aggregate base course to a minimum depth of 12 inches (12"), disposal of surplus material, compacting the subgrade and installation of Aggregate Base Course Type B to a minimum compacted thickness of 12 inches (12").

Construction.
After the subgrade has been brought to a smooth grade and proper shape, it shall be compacted by use of vibratory rollers and/or compactors.

Replacement shall consist of installing CA-6 crushed aggregate. This work shall be done in accordance with the applicable articles of Section 351 of the Standard Specifications. This item shall also be used for subgrade removal and replacement.

Measurement and Basis of Payment.
This work will be paid for at the contract unit price per SQUARE YARD for AGGREGATE BASE COURSE REMOVAL AND REPLACEMENT, 12 INCH, which price shall include all equipment, labor and materials required to complete this work.

SANITARY SEWER REMOVAL AND REPLACEMENT

Description.
This work shall consist of removing portions of existing sanitary sewer and replacing the removed portions with new sanitary sewer pipe at the same location, as directed by the Engineer, of the size shown on the plans. The work will include excavation, removal and disposal of unsuitable materials, sanitary sewer construction, and trench backfill to the top of trench.

Materials.
The proposed sanitary sewers shall consist of the installation of SDR 26 pipe, bedding stone, initial backfill, and trench backfill as shown on the plans.

The existing sanitary sewer shall be replaced with Polyvinyl Chloride (PVC) pipe and fittings conforming to ASTM D3034, and elastomeric gasket joints per ASTM D3212 and complying with F-477. Installation shall be in accordance with applicable information from Standard Specifications, Division III Section 30 of the Standard Specifications for Water and Sewer Main Construction in Illinois.

PVC piping shall be protected from sunlight and either covered or stored indoors.

Construction.
Prior to performing utility work, contractor shall contact the Village of Algonquin's Public Works Department.

The Contractor shall saw cut the existing pavement longitudinally on both sides of the trench before excavating. The trench shall be excavated so that the flow line of the finished sewer shall be at the depth and grade shown on the approved plans. Sawcutting shall be included in the contract unit price for the SANITARY SEWER REMOVAL AND REPLACEMENT

When water is encountered in the trench, it shall be removed during pipe laying and jointing operations. Provisions shall be made to prevent floating of the pipe. Dewatering, if required, shall be considered included in the cost to the Contract.

The Contractor shall be responsible for determining the method of routing and providing all labor and material necessary to complete bypass pumping. Any plugging or bypass pumping of the existing pipe shall be included in the contract unit price for this work.

The existing sanitary sewers will be removed and replaced in kind at matching invert elevations.

If the excavation has been made deeper than necessary, the foundation shall be brought to proper grade by the addition of well-compacted bedding material where a firm foundation is not encountered at the

grade established, due to soft, spongy or other unsuitable soil. (Unless other special construction methods are called for on the plans or in the special provisions), all such unsuitable soil under the pipe and for the width of the trench shall be removed and replaced with well-compacted bedding material.

During the installation of the sanitary sewer pipe it will be necessary to connect into the existing manholes. Connections of the sanitary sewer pipes to the existing sanitary structures shall be included in the contract unit price for the pipe being replaced, including new rubber boot connections.

Services.
The tee wye at the sewer mainline will be removed, replaced and reconnected as well as sufficient length of the sanitary sewer service (2-feet minimum) to provide the proper connection and maintain the integrity of the connection. The Contractor shall install a new polyvinyl chloride wye fitting at the location of the connection on the mainline sanitary sewer. The new service pipe shall be polyvinyl chloride pipe, of the class specified, of the same diameter as the existing connection. Fittings shall be of the size necessary to accommodate the existing sewers/sewer services that will connect to the fitting and Contractor shall be responsible for determination of necessary fitting size.

Service connection between dissimilar pipe types shall be made using non-sheer mission couplings with full-width stainless steel bands. Service Pipe shall be laid at a minimum grade of 1.0% 6" – 45 degree (MAX) short radius bend will connect to the Tee Wye on the sewer main of type and size specified on the plans. No vertical service connections permitted. Pipe will be laid under 12" minimum cover CA-6 granular backfill. 4" CA-6 granular backfill required under service pipe.

The slope from the existing service pipe to remain to the mainline sewer connection shall be continuous and constant, except as otherwise authorized by the Engineer. The Contractor shall be responsible for verifying the elevation and slope of the proposed service prior to the installation of each service.

All customers shall be notified by the Contractor 48 hours prior to the interruption of the service. Private reconnections to the sanitary sewer shall be made individually and in as short a time period as possible. All services must be restored so that no service is interrupted for more than six (6) hours.

Any damage to the sanitary connection by the Contractor caused by the Contractor's failure to properly locate the sanitary connection shall be repaired by the Contractor at his own expense to the satisfaction of the Engineer.

Cleaning of Existing Structures
In addition to the requirements as described in Section 602 of the Standard Specifications, it shall be the responsibility of the contractor to clean ALL existing structures that are to be adjusted or reconstructed. The cleaning shall consist of the removal of all debris from inside the structure to the satisfaction of the Engineer. Manholes are to be cleaned immediately prior to the adjustment or reconstruction to insure that all portions of the structure requiring repair are identified and repaired upon completion of all work.

Damage to Castings
During the contract, should any casting be damaged by the Contractor or by traffic prior to the completion of the contract, the contractor shall replace the damaged casting at no cost to the Village. It shall be the responsibility of the Contractor to deliver damaged castings to the Village's maintenance yard located at 110 Meyer Drive, Algonquin, Illinois.

This work does not include new frames and lids or grates.

Testing.
Upon completion of trench backfill compaction the Contractor shall air test and mandrel test the new pipe as required by the IEPA for placing sanitary sewers.

Measurement and Basis of Payment.
This work will be paid for at the contract unit price per FOOT for SANITARY SEWER REMOVAL AND REPLACEMENT, of the size specified, regardless of depth, or type of material. The price shall include the removal of the existing pipe and patching of the existing manhole structure(s) as directed by the Engineer.

This work will not be paid for until after pipe testing results have been accepted by the Public Works Department.

CATCH BASIN, TYPE A

Description.
This work shall be done in accordance with Section 602 of the Standard Specifications, except as noted herein, and the Standard Details, and as directed by the Engineer.

Add the following to Article 602.13:
"During the installation of the storm structures it will be necessary to connect existing storm sewer pipes into the new structures. Generally, the existing storm sewer pipes have been located and sized as shown on the plans. Connections of existing storm sewer pipes to the proposed drainage structures shall be included in the contract unit price for the structure being installed."

Add the following to Article 602.07
"All new storm sewer structures shall be constructed using precast reinforced concrete sections. Final adjustments will be made using precast adjusting rings. A maximum of 18" of adjusting rings will be permitted.

Add the following to Article 602.11
"Frame and grates or lids of the type specified in the plans will be included in the various storm sewer structures pay items in the contract."

Measurement and Basis of Payment.
This work will be paid for at the contract unit price per EACH for CATCH BASIN, of the type specified, with specified Frame and Grate/Lid or Grate, which shall include all labor, material, and equipment to complete the work as specified above.

FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)

Description.
This work shall be performed in accordance with Sections 602 and 603 of the Standard Specifications and the Standard IDOT District One Detail for 'Details for Frames and Lids Adjustment with Milling' (BD-8).

Add the following to Article 602.11
"Frame and grates or lids of the type specified in the plans will be included in the various storm sewer structures pay items in the contract."

Revise Article 603.08 to read:
"The use of steel or precast rings for adjustment will not be allowed. Final adjustments will be made using HDPE or EPP rings. The adjustment shall be completed in accordance with the detail herein."

Measurement and Basis of Payment.
This work will be paid for at the contract unit price per EACH for FRAMES AND LIDS TO BE ADJUSTED (SPECIAL).

This work will not be paid for until after construction of the hot-mix asphalt surface course; at which time the Contractor and Engineer shall open each lid and visually determine whether construction debris or asphalt has entered the structure during construction activities. In the event construction debris is found within the structure, the Contractor shall clean out the structure at no additional cost to the contract.

TREE ROOT PRUNING

Description.
This work shall be performed in accordance with Section 201 of the Standard Specifications.

Add the following to Article 201.06 (a):
"Root pruning shall be performed by an arborist for trees at the locations where proposed gutter, storm sewer installation and/or proposed curb and gutter operations necessitate. A chemical agent approved by an arborist shall be applied to improve the tree's ability to recover from root loss. All varying diameters of root size shall be combined under this pay item."

Measurement and Basis of Payment.
TREE ROOT PRUNING will be measured per EACH tree, and paid for at the contract unit price per EACH for TREE ROOT PRUNING.

PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT

Description.
This work shall consist of Portland Cement Concrete driveway pavement constructed on a prepared sub-base and in accordance with requirements of Section 423 in so far as they apply and the concrete shall meet the requirements of Article 1020.04 for Class SI concrete.

Add the following to Article 423.02:
"The Contractor shall use High Early Strength Concrete in order to limit driveway closure to 72 hours."

Add the following to Article 423.04:
"Any necessary preparation of the sub-grade including excavation and disposal of materials shall be paid for as DRIVEWAY PAVEMENT REMOVAL."

Add the following to Article 423.06:

"Materials.
Four (4) inches of aggregate base course under the new driveway (CA-6 crushed) and Portland Cement Concrete Driveway Pavement shall be six inches (6") in thickness. Materials for aggregate base course shall be as specified herein for Aggregate Base Course, Type B, CA-6, crushed stone or crushed gravel. At the Contractor's option CA-16 crushed aggregate may be substituted for CA-6.
.
Construction.
At points where the proposed driveway pavement abuts a concrete gutter crossing, 3/4" preformed expansion joint filler shall be placed between the concrete driveway and the gutter. The expansion joint filler shall extend the entire depth and width of the driveway. Preformed expansion joint filler of 1/2" thickness shall be placed between the new concrete and all structures which extend through the driveway, including, but not limited to, utility manholes.

Alignment, slope, and grades of the formwork will be verified by the Engineer upon a minimum of 24 hours notice by the Contractor before pouring concrete. No concrete shall be placed without prior approval of the formwork by the Engineer.

Prior to replacement with the Portland cement concrete, the exposed base course shall be shaped and compacted to the satisfaction of the Engineer. Additional crushed aggregate (CA-6 gradation) base course may be required in the preparation of the base course as indicated above. Any additional aggregate base course required for the preparation of the base and filling of depressions created by the removal of driveway / installation of pipe culverts or storm sewers shall be considered included to this pay item."

Measurement and Basis of Payment.
This work will be paid for at the contract unit price per SQUARE YARD for PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, of the depth specified, measured in place, which price shall include Aggregate Base Course Type B, CA-6, additional cost for the use of High Early Strength Concrete, and all incidental work.

No stamps advertising the Contractor, construction companies, or other private concerns shall be placed in the concrete.

HOT-MIX ASPHALT DRIVEWAY PAVEMENT

Revise Article 406.01 to read:
"Description.
This work shall consist of the construction of Hot-Mix Asphalt Driveway Pavement on a prepared sub-grade in accordance with applicable articles of Section 406 and 482 of the Standard Specifications, Special Provisions for Hot-Mix Asphalt, and as detailed on the plans."

Revise Article 406.05, 406.06, 406.07, 406.08, 406.09, 406.10 and 406.11 to read:
"Materials.
Materials for the hot-mix asphalt driveway pavement shall consist of the following:

Six (6) inches of an aggregate base course under the new driveway or as directed by the Engineer as specified for "Aggregate Base Course, Type B" (CA-6 crushed) and Three (3) inches of hot-mix asphalt surface course as specified herein for hot-mix asphalt.

Construction.
The hot-mix asphalt driveway surface shall produce a tight surface conforming to the grade of the adjacent area. The hot-mix asphalt surface to remain shall be saw-cut in a neat, straight line.

Prior to replacement with the hot-mix asphalt surface course, the exposed base course shall be shaped, compacted, and primed including the exposed edge of the hot-mix asphalt surface remaining to the satisfaction of the Engineer. Additional crushed aggregate (CA-6 gradation) base course may be required in the preparation of the base course as indicated above. Any additional aggregate base course required for the preparation of the base and filling of depressions created by the removal of driveway / installation of pipe underdrains shall be considered included to this pay item."

Measurement and Basis of Payment.
This work shall be paid for at the contract unit price per SQUARE YARD for HOT-MIX ASPHALT DRIVEWAY PAVEMENT of the depth specified, which shall be payment in full for all of the work as described above.

REMOVE AND REINSTALL BRICK PAVER

Description.
This work shall be done in accordance with the applicable articles Section 440 of the Standard Specifications for brick sidewalk and brick driveway removal and reinstallation as shown on the plans and where directed by the Engineer.

Add the following to Article 440.03:

"Upon removal, brick pavers shall be cleaned and placed at location on a palette. Cleaning shall consist of removing all debris, mud, markings, etc. with water and a brush. Any damaged brick pavers will be replaced by the Contractor at no additional cost to the contract. The palette will then be picked up by the Village for storage.

Upon substantial completion of the improvements, the Contractor shall reinstall the brick pavers on a four inch (4") sand cushion to the same dimension and pattern prior to commencement of the work."

Measurement and Basis of Payment.
This work will be paid for at the contract unit price per SQUARE FOOT for REMOVE AND REINSTALL BRICK PAVER, which price shall include removing, cleaning, stacking, sand cushion, reinstallation, and all labor, equipment and materials necessary to complete the work.

COMBINATION CURB AND GUTTER REMOVAL

Description.
This work shall consist of the removal of existing concrete curb and gutter at locations as determined by the Engineer. This work shall be done in accordance with Section 440 of the Standard Specifications.

Construction.
Add the following to Article 440.03:

"The Contractor shall perform his work in a manner causing minimal inconvenience to the residents and motoring public. The trenches created by the removal operations in front of the driveways shall be filled with aggregate to provide access to the residents to their driveways, except for curb and gutter replacement when the driveways will be closed to the residents for 72 hours.

Reinforcing bars may be embedded in old concrete curb. Sawing, removal, and disposal of reinforcing bars will not be paid for separately but shall be included in the cost of the item removed.

Additional excavation noted by the Engineer in the field to provide a suitable granular sub-base will be performed by the Contractor at no expense to the Contract.

Removal of the existing pavement will be required in order to install a full front face form."

Measurement and Basis of Payment.
This work shall be measured and paid for at the contract unit price per FOOT for COMBINATION CURB AND GUTTER REMOVAL.

COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT

Description.
This work shall consist of the removal and replacement of existing concrete curb and gutter on Homestead Court, Colonial Court, and Sunshine Court at locations as determined by the Engineer. The purpose of this work is to replace curb and gutter that is damaged and/or requires replacement to improve

the pavement drainage. The replacement curb and gutter section shall be as directed by the Engineer and match that of the existing. This work shall be done in accordance with Section 440 and Section 606 of the Standard Specifications and the concrete shall meet the requirements of Article 1020.04 for SI concrete.

The Contractor shall perform his work in a manner causing minimal inconvenience to the residents and motoring public. The trenches created by the removal operations in front of the driveways shall be filled with aggregate to provide access to the residents to their driveways, except for curb and gutter replacement when the driveways will be closed to the residents for 48 hours.

The minimum gutter flag depth of the new curb and gutter will be ten inches (10”) regardless of the size and type of the existing curb and gutter.

Reinforcing bars may be embedded in old concrete curb. Sawing, removal, and disposal of reinforcing bars will not be paid for separately but shall be included in the cost of the item removed.

Removal of the existing curb and gutter shall be performed with a full-depth perpendicular saw cut, done in such a manner as to prevent damage to the curb and gutter to remain in place. Any saw cut edges broken off or otherwise damaged, or any curb sections to remain in place that are raised up or pushed down by the removal operation shall be removed and replaced to the satisfaction of the Engineer with no additional compensation to be made to the Contractor. The Contractor shall note that the Engineer will measure the curb and gutter as marked for replacement prior to removal of the existing curb. This measurement, as marked, will be the final payment quantity and shall be verified by the Contractor prior to removal.

Where new curb and gutter meets existing curb and gutter to remain, the gutters shall be connected with two 5/8" diameter reinforcing bars, twelve inches (12") long. Holes 5/8" in diameter shall be drilled six inches (6") into the existing concrete curb and gutter prior to driving reinforcing bars into place.

Contraction joints shall be provided at uniform intervals not to exceed twelve feet (12'). Construction joints with dowel bars shall be provided at the end of a day’s pour. Expansion joints shall be constructed at intervals not to exceed sixty feet (60') or as determined by the Engineer and shall consist of a minimum of one inch (1") thick preformed expansion joint filler conforming to the cross-section of the curb and gutter and shall be provided with two (2) No. 5 (#5) by eighteen inch (18") coated smooth dowel bars conforming to Article 1006.11(b) of the Standard Specifications. The dowel bars shall be fitted with a cap having a pinched stop that will provide a minimum of one inch (1") of expansion.

Removal of the existing pavement will be required in order to install a full front face form. Steel angle pieces will not be allowed for forming on the front or backside of the curb. A full lumber setup will be required. The area between the edge of the existing pavement and the face of the new gutter shall be cleaned of all loose material and shall be filled with Class PV/ SI concrete to a minimum of six inch (6") width, which will be included in the cost of Combination Concrete Curb and Gutter Removal and Replacement.

The Contractor shall limit driveway closures to 48 hours; the Contractor shall have the option to use accelerating admixtures or Class PP concrete to meet this requirement at no additional cost.

Restoration in kind of the disturbed parkway area shall be considered included in the contract unit price of Combination Concrete Curb and Gutter Removal and Replacement.

Measurement and Basis of Payment.
This work shall be paid for at the contract unit price per FOOT for COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT which price shall include all of the above including additional cost for the use of accelerating admixtures or Class PP concrete, six inches (6”) of Aggregate Base Course Type B (CA-7 Crushed) under the new curb where unsuitable materials are found, and

restoration in kind of the disturbed parkway.

The Contractor will be paid at the rate of 90% for COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT, upon the Engineer's receipt of testing reports. The remaining 10% of payment shall be approved for payment upon substantial grass growth consisting of a two-inch grass strand covering 90% of the area.

PORTLAND CEMENT CONCRETE SIDEWALK, 4 INCH

Description.
This work shall be done in accordance with Section 424 of the Standard Specifications and the concrete shall meet the requirements of Class SI concrete.

Add the following to Article 424.04:

"Sidewalk shall include the installation of Portland Cement Concrete sidewalk to a minimum thickness of four inches (4"), and six (6") across the driveway aprons. The Contractor shall fill the voids created by the removal of sidewalk at the location of the driveways with crushed aggregate so that the residents can use their driveways until the start of sidewalk replacement operations. If filling is required in the sidewalk subgrade, it shall consist of placing and compacting an approved granular material to the satisfaction of the Engineer as included in the cost of the sidewalk installation."

Add the following to Article 424.06:

"No stamps advertising the Contractor, construction companies, or other private concerns shall be placed in the concrete."

Add the following to Article 424.08:

"Any parkway area disturbed shall be restored in kind."

Add the following to Article 424.10

"At sidewalk ramp locations side curbs or flares may be required to meet ADA requirements. When a flare or curb is constructed it shall meet the three foot (3') minimum curb transition."

Measurement and Basis of Payment.
This work will be paid for at the contract unit price per SQUARE FOOT for PORTLAND CEMENT CONCRETE SIDEWALK, of the depth specified, which price shall include additional concrete thickness across driveway entrances, all equipment, labor and materials required to complete the work as shown on the plans and as described herein.

DETECTABLE WARNINGS

Description.
This work shall consist of the installation of pre-fabricated panel of truncated domes on concrete pads at locations as directed by the Engineer.

Materials.
The Detectable Warning Panel shall be either cast iron or ductile iron plate.

Truncated domes shall be in accordance with Article 424.09 of the Standard Specifications. The panel shall be Powder Coated Brick Red. The panel shall meet the requirements of ASTM C1028 – Slip Resistance and ASTM G155 – Accelerated Weathering.

Method of Measurement.

This work shall be measured for payment in SQUARE FOOT.

Basis of Payment.
This work shall be paid for at the contract unit price per SQUARE FOOT for DETECTABLE WARNINGS which price shall include all of items listed in the Standard Specifications.

EROSION CONTROL BLANKET

Description.
This work shall be performed in accordance with applicable portions of Section 251 of the Standard Specifications, and as directed by the Engineer.

Materials.
Netless erosion control blanket type similar to Futerra F4 Netless or equivalent shall be used on the areas identified to be restored with turf grass seed as indicated on the plans. Cover seeded surfaces with erosion control blanket. This erosion control blanket shall be installed in the areas identified to be seeded with IDOT Class 1A seed.

Metal pins shall be in accordance with the blanket manufacturer's specifications.

Submittals.
The Contractor shall supply the Owner with copies of the manufacturer's product data sheets. Additionally, a sample of the netless blanket shall be provided to the Owner upon request.

Method of Measurement.
This work shall be measured for payment in SQUARE YARDS.

Basis of Payment.
This work shall be paid for at the contract unit price per SQUARE YARD for EROSION CONTROL BLANKET which price shall include all of items listed in the Standard Specifications.

STORM MANHOLE REHABILITATION

Description.
This work shall be performed in accordance with Sections 602 and 603 of the Standard Specifications and the Standard Details, and as directed by the Engineer except that manholes, catch basins, and inlets shall all be considered as STORM MANHOLES. This work includes the casting adjustment and repair of various components of existing drainage structures including removal and replacement of mortar joints at inverts, replacement of concrete riser rings, mortar improvements to the structure bench, or other general maintenance items as directed by the Engineer.

Riser rings and castings shall be set in a full bed of mortar. A maximum of 12" of adjusting rings will be permitted. Castings shall be set accurately to the finished elevation so that no subsequent adjustment will be necessary. All adjustment rings and castings shall have a full depth collar of concrete to the top of the binder course.

Cleaning of Existing Structures
In addition to the requirements as described in Section 602 of the Standard Specifications, it shall be the responsibility of the contractor to clean ALL existing structures that are to be adjusted or reconstructed. The cleaning shall consist of the removal of all debris from inside the structure to the satisfaction of the Engineer. Catch basins and manholes are to be cleaned immediately prior to the adjustment or reconstruction to insure that all portions of the structure requiring repair are identified and repaired upon

completion of all work.

Damage to Castings
During the contract, should any casting be damaged by the Contractor or by traffic prior to the completion of the contract, the contractor shall replace the damaged casting at no cost to the Village. It shall be the responsibility of the Contractor to deliver damaged castings to the Village's maintenance yard located at 110 Meyer Drive, Algonquin, Illinois.

This work does not include new frames and lids or grates.

Measurement and Basis of Payment.
This work will be paid for at the contract unit price per EACH for STORM MANHOLE REHABILITATION, which shall include all labor, material, and equipment to complete the work as specified above.

FIRE HYDRANTS AND AUXILIARY VALVES TO BE REMOVED AND REPLACED

Description.
This work shall be done in accordance with Section 564 of the Standard Specifications except as modified herein and as shown on the details on the plans and per Village standards. This item includes the removal and replacement of existing fire hydrants and auxiliary valves. All materials must be on-site prior to water turn off so that the service interruption is minimal.

All work, including operation of valves and water main shut-downs, shall be coordinated with the Village of Algonquin. It will be the Contractor's responsibility to determine the type of valve and materials required to complete the adjustment.

The excavated areas shall be backfilled with aggregate and mechanically compacted. All required trench backfill shall be included in this pay item.

To minimize inconvenience to affected residents, 48 hours prior to shutting down the existing main, the Village and all users that will be affected will be notified in writing. The Contractor shall cooperate with the Public Works personnel to locate valves necessary to isolate the work area. The Public Works personnel shall operate all valves.

If auxiliary valves and boxes are not present at all locations, the Contractor shall install them when the hydrant is relocated. This work will not be paid for separately, but shall be included in the contract unit cost.

Measurement and Basis of Payment
This work will be paid for at the contract unit price per EACH for FIRE HYDRANTS AND AUXILIARY VALVES TO BE REMOVED AND REPLACED which price shall be payment in full for all labor, equipment, trench backfill, and materials necessary to complete the work specified herein.

DOMESTIC WATER SERVICE BOXES TO BE REMOVED AND REPLACED

Description of Work.
This work shall consist of adjusting to grade, water boxes, buffalo boxes, or valve boxes, encountered on the job, and if necessary, the replacement of defective or damaged parts of the water box.

Water boxes, buffalo boxes, or valve boxes are defined as a three-piece casting consisting of a stem or hip, a neck and a lid. Adjustment is attained by turning the neck of the casting, either clockwise or counterclockwise until the required grade is attained. Excavation of approximately 3 to 3 ½ feet of base

and sub-base material is to be anticipated to facilitate replacement of the valve box.

All excavated sub-base material shall be replaced with trench backfill and compacted in accordance with Article 550.07 of the Standard Specifications. The excavated base material shall be replaced in accordance with appropriate articles of section 602 of the Standard Specification.

The Contractor shall ensure that the valve box is cleaned of all debris and shall be keyable.

Basis of Payment
This work will be paid for at the contract unit price per EACH for DOMESTIC WATER SERVICE BOXES TO BE REMOVED AND REPLACED, which price shall be payment in full for performing the work as specified herein including trench backfill.

TEMPORARY PATCHING

Description.
This work shall consist of constructing a temporary patch, per the sole discretion of the Engineer, over storm sewer or sanitary sewer in which the pavement will be open to traffic in accordance with applicable portions of Section 442 of the Standard Specifications and the HMA Mixture Requirements Table in the plans.

Construction Requirements:
The trenches created by storm sewer or, sanitary sewer installation operations shall be immediately filled with TRENCH BACKFILL to the top of the trench. The trench will be driveable in both directions at the end of each day. The Contractor will be responsible for maintaining the temporary aggregate surface until the roadway pavement or temporary patch can be constructed. This work will be paid for separately at the contract unit price per CU YD for TRENCH BACKFILL. In all other instances TRENCH BACKFILL will be measured for payment based on invert depth to sub-grade.

The Contractor shall remove the existing pavement and trench backfill, the necessary excavation and replacement with Hot-Mix Asphalt Binder Course material as detailed in the plans. Sawcutting will not be required at the sole discretion of the Engineer, as long as a smooth transition is provided between the existing pavement to remain and the temporary patch.

The Contractor will be required to complete TEMPORARY PATCHING on the prepared aggregate surface within 5 calendar days beginning when the last lift of trench backfill has been placed. Failure to do so shall result in a charge of $1,000 per each calendar day over the above specified time.

Method of Measurement.
This work will be measured for payment, complete in place in square yards. Payment shall be based on actual area of patch constructed without change in unit price because of adjustment in plan quantities due to field conditions.

An estimated area of TEMPORARY PATCHING has been shown in the Summary of Quantities to establish a unit price, and payment shall be based on actual area of patch constructed without change in unit price because of adjustment in plan quantities.

Basis of Payment.
This work will be paid for at the contract unit price per SQUARE YARD for TEMPORARY PATCHING and no extra compensation will be allowed for any delays, inconvenience or damage sustained by the Contractor in performing this work. Price shall include but not be limited to pavement removal, necessary excavation, furnishing, placing and compacting the Hot-Mix Asphalt patching mixture to the depth indicated, the removal and disposal of any surplus material and all labor, equipment and materials

necessary to complete the work as specified herein.

PLANTINGS

This work shall be completed in accordance with Sections 253 (Planting Woody Plants) and 254 (Planting Perennial Plants) of the Standard Specifications insofar as applicable and the following provisions.

Part I. General
I. Description of Work

A. Provide all exterior planting as shown on the drawings or inferable there from and/or as specified in accordance with the requirements of the Contract Documents.
B. These specifications include standards necessary for and incidental to the execution and completion of planting, including hauling and spreading of topsoil, and finished grading as indicated on the prepared drawings and specified herein.
C. Protection of existing features. During construction, protect all existing trees, shrubs, and other specified vegetation, site features and improvements, structures, and utilities specified herein and/or on submitted drawings. Removal or destruction of existing plantings is prohibited unless specifically authorized by the owner.

II. Applicable Standards

A. *American National Standards for Tree Care Operations, ANSIA300.* American National Standards Institute. 11 West 42" Street, New York, N.Y. 10036.
B. *American Standard for Nursery Stock, ANSI Z60. I .* American Nursery and Landscape Association, 1250 Eye Street. NW, Suite 500, Washington, D.C. 20005.
C. *Hortus Third,* The Staff of the L.H. Bailey Hortorium. 1976. MacMillan Publishing Co., New York. All standards shall include the latest additions and amendments as of the date of advertisement for bids.

III. Qualifications

A. Landscape planting and related work shall be performed by a company with a minimum of five years' experience specializing in this type of work. The Landscape Architect shall approve all contractors and their sub-contractors who will be performing any landscape work included in this section of the specification.

IV. Requirements of Regulatory Agencies

A. Certificates of inspection shall accompany the invoice for each shipment of plants as may be required by law for transportation. File certificates with the Landscape Architect prior to acceptance of the material. Inspection by federal or state authorities at place of growth does not preclude rejection of the plants at the site.

V. Submittals
A. Manufacturer's Data: Submit copies of the manufacturer's and/or source data for all materials specified, including soils.
B. Nursery Sources: Submit a list of all nurseries that will supply plants, along with a list of the plants they will provide and the location of the nursery.

VI. Utility Verification
A. The contractor shall contact the local utility companies for verification of the location of all underground utility lines in the area of the work. The contractor shall be responsible for all damage resulting from neglect or failure to comply with this requirement.

B. Verify locations and finished grades of utilities including drainage and irrigation systems installed by others. In the vicinity of utilities, hand-excavate to minimize the possibility of damage to underground utilities. Protect above-ground utility stubs, footings, or fixtures from damage by landscape construction.

VII. Job Conditions

A. Prior to beginning work, and regularly for the duration of landscape operations, the Contractor shall examine and verify the conditions and readiness of the job site and shall notify the General Contractor of unsatisfactory conditions. The Contractor shall not proceed with the work until unsatisfactory conditions have been corrected or resolved.
B. Where soil preparation occurs in close proximity to other site improvements, adequate protection shall be given to all features prior to commencing work. Any items damaged during soil preparation operations shall be promptly repaired to their original condition at no addition to the Contract Price.
C. Notify Engineer at least seven (7) working days prior to installation of plant material.
D. A complete list of plants, including sizes, quantities and other requirements is shown on the drawings and in the bid form. In the event that quantity discrepancies or material omissions occur in the plant list, the planting plans shall govern.

Part 2. Materials

I. Plants
Plants shall be true to species and variety specified and nursery-grown in accordance with good horticultural practices under climatic conditions similar to those in the locality of the project for at least two years. They shall have been freshly dug (during the most recent favorable harvest season).

A. All plant names and descriptions shall be as defined in *Hortus Third.*
B. All plants shall be grown and harvested in accordance with the *American Standard for Nursery Stock.*
C. Unless approved by the landscape architect, plants shall have been grown at a latitude not more than 325 km (200 miles) north or south of the latitude of the project unless the provenance of the plant can be documented to be compatible with the latitude and cold hardiness zone of the planting location.
D. Unless specifically noted, all plants shall be of specimen quality, exceptionally heavy, symmetrical, and so trained or favored in development and appearance as to be unquestionably and outstandingly superior in form, compactness, and symmetry. They shall be sound, healthy, vigorous, well branched, and densely foliated when in leaf; free of disease and insects, eggs, or larvae; and shall have healthy, well-developed root systems. They shall be free from physical damage or other conditions that would prevent vigorous growth.
E. Trees with multiple leaders, unless specified, will be rejected. Trees with a damaged or crooked leader, bark abrasions, sunscald, disfiguring knots, insect damage, or cuts of limbs over 20 mm (314 in.) in diameter that are not completely closed will be rejected.
F. Plants shall conform to the-measurements specified, except that plants larger than those specified may be used if approved by the landscape architect. Use of larger plants shall not increase the contract price. If larger plants are approved, the root ball shall be increased in proportion to the size of the plant.
G. Caliper measurements shall be taken on the trunk 150 mm (6 in.) above the natural ground line for trees up to and including 100 mm (4 in.) in caliper, and 300 mm (1 2 in.) above the natural ground line for trees over 100 mm (4 in.) in caliper. Height and spread dimensions specified refer to the main body of the plant and not from branch tip to branch tip. Plants shall be measured when branches are in their normal position. If a range of sizes is given, no plant shall be less than the minimum size, and no less than 50 percent of the plants shall be as large as the maximum size specified. Measurements specified are minimum sizes acceptable after pruning, where pruning is required. Plants that meet measurements but do not possess a standard relationship between

height and spread, according to the *American Standards for Nursery Stock,* shall be rejected.

H. Substitutions of plant materials will not be permitted unless authorized in writing by the landscape architect. If proof is submitted in writing that a plant specified is not obtainable, consideration will be given to the nearest available size or similar variety, with a corresponding adjustment of the contract price.

I. The plant list at the end of this section, or on the drawing, is for the contractor's information only, and no guarantee is expressed or implied that quantities therein are correct or that the list is complete. The contractor shall ensure that all plant materials shown on the drawings are included in his or her bid.

J. All plants shall be labeled by plant name. Labels shall be attached securely to all plants, bundles, and containers of plant materials when delivered. Plant labels shall be durable and legible, with information given in weather-resistant ink or embossed process lettering.

K. Selection and Tagging

1. Plants shall be subject to inspection for conformity to specification requirements and approval by the landscape architect at their place of growth and upon delivery. Such approval shall not impair the right of inspection and rejection during progress of the work.
2. A written request for the inspection of plant material at their place of growth shall be submitted to the landscape architect at least ten calendar days prior to digging. This request shall state the place of growth and the quantity of plants to be inspected. The landscape architect may refuse inspection at this time if, in his or her judgment, sufficient quantities of plants are not available for inspection.
3. All field grown deciduous trees shall be marked to indicate the trees north orientation in the nursery. Place a 1 -in. diameter spot of white paint onto the north side of the tree trunk within the bottom 12 inches of the trunk.

L. Balled and Burlapped (B&B) Plant Materials

1. Trees designated B&B shall be properly dug with firm, natural balls of soil retaining as many fibrous roots as possible, in sizes and shapes as specified in the American Standard for Nursery Stock. Balls shall be firmly wrapped with nonsynthetic, rottable burlap and secured with nails and heavy, nonsynthetic, rottable twine. The root collar shall be apparent at surface of ball. Trees with loose, broken, processed, or manufactured root balls will not be accepted, except with special written approval before planting.
2. Container grown deciduous and/or evergreen shrubs will be acceptable in lieu of balled and burlapped shrubs subject to specified limitations for container grown stock. Size of container grown material must conform to size/height requirements on the plant list.

M. Container Plants

1. Plants grown in containers shall be of appropriate size for the container as specified in the most recent edition of the American Standard for Nursery Stock and be free of circling roots on the exterior and interior of the root ball.
2. Container plants shall have been grown in the container long enough to have established roots throughout the growing medium.

N. Immediately after harvesting plants, protect from drying and damage until shipped and delivered to the planting site. Rootballs shall be checked regularly and watered sufficiently to maintain root viability.

0. Transportation and Storage of Plant Material

1. Branches shall be tied with rope or twine only, and in such a manner that no damage will occur to the bark or branches.
2. During transportation of plant material, the contractor shall exercise care to prevent injury and drying out of the trees. Should the roots be dried out, large branches broken, balls of earth broken or loosened, or areas of bark torn, the landscape architect may reject the injured tree(s) and order them replaced at no additional cost to the owner. All loads of plants shall be covered at all times with tarpaulin or canvas. Loads that are not protected will be rejected.
3. All bareroot stock sent from the storage facility shall be adequately covered with wet soil, sawdust, woodchips, moss, peat, straw, hay, or other acceptable moisture-holding medium, and shall be covered with a tarpaulin or canvas. Loads that are not protected in the above manner may be rejected.

4. Plants must be protected at all times from sun or drying winds. Those that cannot be planted immediately on delivery shall be kept in the shade, well protected with soil, wet mulch, or other acceptable material, and kept well watered. Plants shall not remain unplanted any longer than three days after delivery. Plants shall not be bound with wire or rope at any time so as to damage the bark or break branches. Plants shall be lifted and handled with suitable support of the soil ball to avoid damaging it.

II. Materials for Planting

A. Fertilizer: shall be an emulsion specifically manufactured for agricultural use, which provides a protective film over plant surfaces. Anti-desiccants shall be delivered in containers of the manufacturer and shall be mixed according to the manufacturer's directions. Submit manufacturer literature for approval.
B. Herbicide: shall be applied at a rate of 3 lbs./1000 sf as available from ACI for all shrub beds.
C. Guying Material: shall be #10 gauge galvanized steel for trees under 5” caliper. For trees over 5” caliper, seven-strand cadmium plated steel with galvanized “eye” thimbles and galvanized clamps shall be used. Turnbuckles shall be 5/16”, eye and eye, with 4” takeup. Hose shall be new, 2-ply reinforced rubber hose, minimum ½” I.D.
D. Tree Wrap: shall be burlap tree wrap, 4” wide.
E. Twine: shall be soft nursery jute.

Part 3. Execution

I. Excavation in Planting Areas

A. Locations for plants and/or outlines of areas to be planted are to be staked out at the site. Locate and mark all subsurface utility lines. Approval of the stakeout by the landscape architect is required before excavation begins.
B. In areas beyond the critical root zone of existing trees to remain, where soil is to be added to the existing grade or areas where soil is to be graded, tilled or amended, remove all existing sod, weeds or other vegetative growth including the surface root mat, thatch and plant tops prior to the start of the work. In areas within the critical root zone of existing trees remove existing vegetation using selective techniques that do the least damage to the existing tree root structure while removing enough of the existing plant mass so as to not interfere with the drainage and biological functions of the new soil. The landscape architect shall approve all means and methods of work within the critical root zone of all existing trees to remain.
C. Tree and Shrub Pits
1. Tree and shrub pits are to be excavated to a depth that allows plant root balls to sit on stable native soil, with tops of root balls 1 in above adjacent finish grades. Tree holes to be at least *3* times the spread diameter of the root ball. Use shovel to rough up sides of exposed walls.
2. If the planting area under any tree is initially dug too deep, the soil added to bring it up to the correct level should be thoroughly tamped.
3. Subgrade soils shall be separated from the topsoil, removed from the area, and not used as backfill. Excavations shall not be left uncovered or unprotected overnight.
D. Perennial Beds
1. Remove enough existing native soil to accommodate 8" depth of Amended Planting Soil.
2. Existing soil may be acceptable for amendment if it meets the requirements for Sandy Loam Topsoil described above.
E. Turf Areas
1. Remove enough existing native soil to accommodate 6" depth of Topsoil with organic matter amendment.
2. Existing soil may be acceptable for amendment if it meets the requirements for Sandy Loam Topsoil described above.
F. Detrimental soil conditions: The landscape architect is to be notified, in writing, of soil conditions encountered, including poor drainage that the contractor considers detrimental to the growth of plant material. When detrimental conditions are uncovered, planting shall be discontinued until

instructions to resolve the conditions are received from the landscape architect.

G. Obstructions: If rock, underground construction work, utilities, tree roots, or other obstructions are encountered in the excavation of planting areas, alternate locations for any planting shall be determined by the landscape architect.

II. Planting Operations

1. Plants shall be set on flat-tamped or unexcavated pads at the same relationship to finished grade as they were to the ground from which they were dug, unless otherwise noted on the drawings. Plants must be set plumb and braced in position until topsoil or planting mix has been placed and tamped around the base of the root ball. Improper compacting of the soil around the root ball may result in the tree settling or leaning. Plants shall be set so that they will be at the same depth and so that the root ball does not shift or move laterally one year later.
2. Determine the elevation of the root flare and ensure that it is planted at 1 in. above finish grade. This may require that the plant be set higher than the grade in the nursery.
   a. Lift plants only from the bottom of the root balls or with belts or lifting harnesses of sufficient width not to damage the root balls. Do not lift trees by their trunk or use the trunk as a lever in positioning or moving the tree in the planting area.
   b. Remove plastic, paper, or fiber pots from containerized plant material. Pull roots out of the root mat, and cut circling roots with a sharp knife. Loosen the potting medium and shake away from the root mat. Immediately after removing the container, install the plant such that the roots do not dry out. Pack planting mix around the exposed roots while planting.
   c. Cut ropes or strings from the top of shrub root balls and trees smaller than 3 in. caliper after plant has been set. Remove burlap or cloth wrapping and any wire baskets from around top half of balls. Do not turn under and bury portions of burlap at top of ball.
   d. Do not immediately remove the ropes and burlap from trees larger than 3 in. caliper. Return to each tree three months after planting (six months for fall-planted material), and cut all ropes around the trunks and tops of the root balls of these trees.
   e. Completely remove any waterproof or water-repellant strings or wrappings from the root ball and trunk before backfilling.
   f. Set balled and burlapped trees in the hole with the north marker facing north unless otherwise approved by the landscape architect.
   g. Place Amended Planting Soil as described above into the area around the plant, tamping lightly to reduce settlement.
   h approved for amendment, place 3 of organic matter on top of existing soil and rototill into existing topsoil.
   i. Ensure that the backfill immediately around the base of the root ball is tamped with foot pressure sufficient to prevent the root ball from shifting or leaning.
   j. Thoroughly water all plants immediately after planting. Apply water by hose directly to the root ball and the adjacent soil.
   k. Remove all tags, labels, strings, etc. from all plants after approval is given from the Resident Engineer.
   l. Remove any excess soil, debris, and planting material from the job site at the end of each workday.
   m. Form watering saucers 3 in. height immediately outside the area of the root ball of each tree.

III. Wrapping

A. Immediately after planting the Engineer will inspect the trees for injury to trunks, evidence of insect infestation and improper pruning.
B. In Fall only, immediately after inspection the Contractor will wrap the trunks of all trees spirally with the specified materials.
   a. Overlap ½ the width of the tree wrap strip and cover the trunk from the base to the height of the first major branches.
C. Secure tree wrap in place with twine wound spirally downward in opposite direction of tree wrap, tied around the tree in at least three (3) places in addition to the top and bottom.
D. Contractor shall remove tree wrap the following Spring.

IV. Guying
- A. Guying of trees shall be at the option of the Landscape Contractor; however, all trees shall be plump and straight through final inspection and warranty.
- B. When guying of trees is deemed necessary to insure proper planting and positioning of the tree, it should be done immediately after lawn seeding or sodding operations and prior to acceptance. When high winds or other conditions which may affect tree survival or appearance occur, the Engineer may require immediate guying.

V. Pruning
- A. Plants shall not be heavily pruned at the time of planting. Pruning is required at planting time only to correct defects in the tree structure, including removal of injured branches, double leaders, waterspouts, suckers, and interfering branches. Healthy lower branches and interior small twigs should not be removed except as necessary to clear walks and roads. In no case should more than one-quarter of the branching structure be removed. Retain the normal or natural shape of the plant.
- B. All pruning shall be completed using clean, sharp tools. All cuts shall be clean and smooth, with the bark intact with no rough edges or tears.
- C. Except in circumstances dictated by the needs of specific pruning practices, tree paint shall not be used. The use of tree paint shall be only upon approval of the landscape architect. Tree paint, when required, shall be paint specifically formulated and manufacturing for horticultural use.
- D. Pruning of large trees shall be done from a hydraulic man-lift such that it is not necessary to climb the tree.

VI. Maintenance of Trees, Shrubs, and Perennial Plants
- A. Maintenance shall begin immediately after each plant is planted and continue until its acceptance has been confirmed by the landscape architect.
- B. Maintenance shall consist of pruning, watering, cultivating, weeding, mulching, tightening, resetting plants to proper grades or upright position, restoring of the planting saucer, and furnishing and applying such sprays or other materials as necessary to keep plantings free of insects and diseases and in vigorous condition.
- C. Planting areas and plants shall be protected at all times against trespassing and damage of all kinds for the duration of the maintenance period. If a plant becomes damaged or injured, it shall be treated or replaced as directed by the landscape architect at no additional cost.
- D. Watering: Contractor shall irrigate as required to maintain vigorous and healthy tree growth. Overwatering or flooding shall not be allowed. The contractor shall monitor, adjust, and use existing irrigation facilities, if available, and furnish any additional material, equipment, or water to ensure adequate irrigation.
- E. During periods of restricted water usage, all governmental regulations (permanent and temporary) shall be followed. The contractor may have to transport water from ponds or other sources, at no additional expense to the owner when irrigation systems are unavailable.

VII. Care of Existing Trees
- a. Selectively prune existing trees in designated areas, under Landscape Architect's direction. Remove sucker shoots, dead, rubbing, and damaged branching.
- b. Fertilize designated existing trees with 2 to 3 lbs. of Type B plant fertilizer per inch of trunk diameter for trees less than 6" diameter and 3 to 5 lbs. for trees greater than 6" diameter.
  - i. Fertilize in early spring before growth begins or in late October.
  - ii. Fertilize by broadcast spreading fertilizer over area within dripline of tree at rates specified above.
- c. Water existing trees every two (2) weeks until acceptance. Water thoroughly with a fine mist sprinkler head, soaker hose, or hose at a low flow rate over the entire drip line area as required to allow water to penetrate to a depth of 12" to 18".

VIII. Acceptance

A. The Engineer shall inspect all work for acceptance upon written request of the contractor. The request shall be received at least ten calendar days before the anticipated date of inspection.
B. Acceptance of plant material shall be for general conformance to specified size, character, and quality and shall not relieve the contractor of responsibility for full conformance to the contract documents, including correct species.
C. Upon completion and re-inspection of all repairs or renewals necessary for earth excavating in the judgment of the Engineer, the Engineer shall certify in writing that the work has been accepted.

IX. Acceptance in Part

A. Work may be accepted in parts when the landscape architect and contractor deem that practice to be in their mutual interest. Approval must be given in writing by the landscape architect to the contractor verifying that the work is to be completed in parts. Acceptance of work in parts shall not waive any other provision of this contract.

X. Period of Establishment

A. Period of establishment will be in accordance to Article 254.09 of the Standard Specifications.

SUPPLEMENTAL WATERING

Description.
This work will include watering turf, trees, shrubs, vines and perennial plants at the rates specified and as directed by the Engineer.

Schedule.
Watering must be completed in a timely manner. Damage to plant material that is a result of the Contractor's failure to water in a timely way must be repaired or replaced at the Contractor's expense.

Source of Water/Transporting Water.
The Contractor shall notify the Engineer of the source of water used and provide written certification that the water does not contain chemicals harmful to plant growth. Transporting of the water from the source to the work area shall be the daily responsibility of the Contractor.

Rate of Application.
The normal rates of application for watering are as follows. The Contractor will adjust these rates as needed depending upon weather conditions.

Sod and Perennial Plants:	3 gallons per square yard
Trees:	10 gallons per tree
Shrubs:	3 gallons per shrub
Vines:	2 gallons per vine

Method of Application.
A spray nozzle that does not damage small plants must be used when watering perennial plants or turf. Water shall be applied at the base of the plant to keep as much water as possible off plant leaves. An open hose may be used to water trees, shrubs, and vines if mulch and soil are not displaced by watering. Water shall trickle slowly into soil and completely soak the root zone. All necessary hose, piping, water truck, etc. shall be supplied by the Contractor. The Contractor must supply metering equipment as needed to assure the specified application rate of water.

Method of Measurement.
Supplemental watering will be measured in units of 1000 gallons (3,785 liters) of water applied as directed.

Basis of Payment.
This work will be paid for at the contract unit price per unit of SUPPLEMENTAL WATERING, measured as specified. Payment will include the cost of all water, equipment and labor needed to complete the work specified herein and to the satisfaction of the Engineer.

AGGREGATE SURFACE COURSE FOR TEMPORARY ACCESS
Effective: April 1, 2001
Revised: January 2, 2007

Revise Article 402.10 of the Standard Specifications to read:

"**402.10 For Temporary Access.** The contractor shall construct and maintain aggregate surface course for temporary access to private entrances, commercial entrances and roads according to Article 402.07 and as directed by the Engineer.

The aggregate surface course shall be constructed to the dimensions and grades specified below, except as modified by the plans or as directed by the Engineer.

(a) Private Entrance. The minimum width shall be 12 ft (3.6 m). The minimum compacted thickness shall be 6 in. (150 mm). The maximum grade shall be eight percent, except as required to match the existing grade.

(b) Commercial Entrance. The minimum width shall be 24 ft (7.2 m). The minimum compacted thickness shall be 9 in. (230 mm). The maximum grade shall be six percent, except as required to match the existing grade.

(c) Road. The minimum width shall be 24 ft (7.2 m). The minimum compacted thickness shall be 9 in. (230 mm). The grade and elevation shall be the same as the removed pavement, except as required to meet the grade of any new pavement constructed.

Maintaining the temporary access shall include relocating and/or regrading the aggregate surface coarse for any operation that may disturb or remove the temporary access. The same type and gradation of material used to construct the temporary access shall be used to maintain it.

When use of the temporary access is discontinued, the aggregate shall be removed and utilized in the permanent construction or disposed of according to Article 202.03."

Add the following to Article 402.12 of the Standard Specifications:

"Aggregate surface course for temporary access will be measured for payment as each for every private entrance, commercial entrance or road constructed for the purpose of temporary access. If a residential drive, commercial entrance, or road is to be constructed under multiple stages, the aggregate needed to construct the second or subsequent stages will not be measured for payment but shall be included in the cost per each of the type specified."

Revise the second paragraph of Article 402.13 of the Standard Specifications to read:

"Aggregate surface course for temporary access will be paid for at the contract unit price per each for TEMPORARY ACCESS (PRIVATE ENTRANCE), TEMPORARY ACCESS (COMMERCIAL ENTRANCE) or TEMPORARY ACCESS (ROAD).

Partial payment of the each amount bid for temporary access, of the type specified, will be paid according to the following schedule:

(a) Upon construction of the temporary access, sixty percent of the contract unit price per each, of the type constructed, will be paid.

(b) Subject to the approval of the Engineer for the adequate maintenance and removal of the temporary access, the remaining forty percent of the pay item will be paid upon the permanent removal of the temporary access."

PUBLIC CONVENIENCE AND SAFETY (DIST 1)
Effective: May 1, 2012
Revised: July 15, 2012

Add the following to the end of the fourth paragraph of Article 107.09:

> "If the holiday is on a Saturday or Sunday, and is legally observed on a Friday or Monday, the length of Holiday Period for Monday or Friday shall apply."

Add the following sentence after the Holiday Period table in the fourth paragraph of Article 107.09:

> "The Length of Holiday Period for Thanksgiving shall be from 5:00 AM the Wednesday prior to 11:59 PM the Sunday After"

Delete the fifth paragraph of Article 107.09 of the Standard Specifications:

> "On weekends, excluding holidays, roadways with Average Daily Traffic of 25,000 or greater, all lanes shall be open to traffic from 3:00 P.M. Friday to midnight Sunday except where structure construction or major rehabilitation makes it impractical."

HOT-MIX ASPHALT BINDER, LEVELING BINDER AND SURFACE COURSE
Effective: May 2013

Description and Materials. Hot Mix Asphalt pavements shall be designed, produced, stored, controlled (sample inspection, sampling, and testing), shipped, and constructed in accordance with Section 406 and other applicable sections of the Standard Specifications for Road and Bridge Construction, applicable Special Provisions, and Chapter 44 of the Bureau of Local Roads and Streets Manual and the following:

1. All asphalt mix designs shall target 3.5% Air Voids and all production shall trend about 3.5% Air Voids.
2. N50, IL-19.0 mm Binder course shall have a minimum of 40% passing the #4 sieve.
3. N50, IL-9.5 mm Surface and Level courses shall have a minimum of 40% passing the #8 sieve. The maximum RAP allowed in all surface course mixtures shall not exceed 15%.
4. Re-proportioning (within SSRBC adjustments allowed) of IDOT verified mix designs may be allowed and the contractor must submit these values for a review by the Engineer at least one week prior to the first day of production.
5. One field TSR test by the Contractor will be required to validate changes.
6. The AJMF during production shall meet the remaining IDOT volumetric requirements.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

ITEM	AC TYPE	VOIDS
Hot Mix Asphalt Surface Course, Mix "D," IL-9.5, N50	PG 58-28	3.5% @ 50 GYR
Hot Mix Asphalt Binder Course, IL-19.0, N50	PG 58-28	3.5% @ 50 GYR

Note: The unit weight used to calculate all HMA surface mixture quantities is 112 lbs/sq yd/in

7. No more than 2% Reclaimed Asphalt Shingles shall be allowed in the asphalt.

Construction.

8. In lieu of a pneumatic tired roller, the Contractor may use a vibratory roller set with low amplitude or multiple passes with the tandem roller as approved by the Engineer.
9. Auger extensions are required on all lifts, all mixes.
10. Reverse augers must be installed properly.
11. Paving of the full roadway width shall be completed at the end of each day. Longitudinal joints shall be closed daily and within one truck load of HMA to prevent cold joints. Any violation shall require saw cutting edge back 3" to expose straight edge, shall be tack coated twice, and will be straight and uniform.
12. Asphalt along the curb line shall be compacted such that the asphalt is ¼" above the curb line.

Basis of Payment. Revise the seventh paragraph of Article 406.14 of the Standard Specifications to read:

"For all mixes designed and verified under the specified criteria, the cost of furnishing and introducing anti-stripping additives in the HMA will not be paid for separately, but shall be considered as included in the contract unit price of the HMA item involved.

No additional compensation will be awarded to the Contractor because of reduced production rates associated with the addition of the anti-stripping additive."

FRICTION AGGREGATE (D-1)
Effective: January 1, 2011
Revised: November 1, 2019

Revise Article 1004.03(a) of the Standard Specifications to read:

"**1004.03 Coarse Aggregate for Hot-Mix Asphalt (HMA).** The aggregate shall be according to Article 1004.01 and the following.

(a) Description. The coarse aggregate for HMA shall be according to the following table.

Use	Mixture	Aggregates Allowed
Class A	Seal or Cover	Allowed Alone or in Combination [5/]: Gravel Crushed Gravel Carbonate Crushed Stone Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag Crushed Concrete
HMA Low ESAL	Stabilized Subbase or Shoulders	Allowed Alone or in Combination [5/]: Gravel Crushed Gravel Carbonate Crushed Stone Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag[1/] Crushed Concrete
HMA High ESAL Low ESAL	Binder IL-19.0 or IL-19.0L SMA Binder	Allowed Alone or in Combination [5/ 6/]: Crushed Gravel Carbonate Crushed Stone[2/] Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Concrete[3/]
HMA High ESAL Low ESAL	C Surface and Binder IL-9.5 or IL-9.5L SMA Ndesign 50 Surface	Allowed Alone or in Combination [5/]: Crushed Gravel Carbonate Crushed Stone[2/] Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag[4/] Crushed Concrete[3/]

<table>
<tr><th>Use</th><th>Mixture</th><th colspan="2">Aggregates Allowed</th></tr>
<tr><td rowspan="5">HMA
High ESAL</td><td rowspan="5">D Surface and Binder IL-9.5

SMA
Ndesign 50
Surface</td><td colspan="2"><u>Allowed Alone or in Combination</u> [5/]:

Crushed Gravel
Carbonate Crushed Stone (other than Limestone)[2/]
Crystalline Crushed Stone
Crushed Sandstone
Crushed Slag (ACBF)
Crushed Steel Slag[4/]
Crushed Concrete[3/]</td></tr>
<tr><td colspan="2"><u>Other Combinations Allowed:</u></td></tr>
<tr><td>Up to...</td><td>With...</td></tr>
<tr><td>25% Limestone</td><td>Dolomite</td></tr>
<tr><td>50% Limestone</td><td>Any Mixture D aggregate other than Dolomite</td></tr>
<tr><td rowspan="5">HMA
High ESAL</td><td rowspan="5">E Surface
IL-9.5

SMA
Ndesign 80
Surface</td><td colspan="2"><u>Allowed Alone or in Combination</u> [5/ 6/]:

Crystalline Crushed Stone
Crushed Sandstone
Crushed Slag (ACBF)
Crushed Steel Slag

No Limestone.</td></tr>
<tr><td colspan="2"><u>Other Combinations Allowed:</u></td></tr>
<tr><td>Up to...</td><td>With...</td></tr>
<tr><td>50% Dolomite[2/]</td><td>Any Mixture E aggregate</td></tr>
<tr><td>75% Dolomite[2/]</td><td>Crushed Sandstone, Crushed Slag (ACBF), Crushed Steel Slag, or Crystalline Crushed Stone</td></tr>
<tr><td></td><td></td><td>75% Crushed Gravel[2/] or Crushed Concrete[3/]</td><td>Crushed Sandstone, Crystalline Crushed Stone, Crushed Slag (ACBF), or Crushed Steel Slag</td></tr>
</table>

<table>
<tr><th>Use</th><th>Mixture</th><th colspan="2">Aggregates Allowed</th></tr>
<tr><td rowspan="4">HMA
High ESAL</td><td rowspan="4">F Surface
IL-9.5

SMA
Ndesign 80
Surface</td><td colspan="2"><u>Allowed Alone or in Combination</u> [5/] [6/]:

Crystalline Crushed Stone
Crushed Sandstone
Crushed Slag (ACBF)
Crushed Steel Slag
No Limestone.</td></tr>
<tr><td colspan="2"><u>Other Combinations Allowed</u>:</td></tr>
<tr><td>Up to...</td><td>With...</td></tr>
<tr><td>50% Crushed Gravel[2/], Crushed Concrete[3/], or Dolomite[2/]</td><td>Crushed Sandstone, Crushed Slag (ACBF), Crushed Steel Slag, or Crystalline Crushed Stone</td></tr>
</table>

1/ Crushed steel slag allowed in shoulder surface only.
2/ Carbonate crushed stone (limestone) and/or crushed gravel shall not be used in SMA Ndesign 80. In SMA Ndesign 50, carbonate crushed stone shall not be blended with any of the other aggregates allowed alone in Ndesign 50 SMA binder or Ndesign 50 SMA surface.
3/ Crushed concrete will not be permitted in SMA mixes.
4/ Crushed steel slag shall not be used as leveling binder.
5/ When combinations of aggregates are used, the blend percent measurements shall be by volume."
6/ Combining different types of aggregate will not be permitted in SMA Ndesign 80."

GROUND TIRE RUBBER (GTR) MODIFIED ASPHALT BINDER (D-1)
Effective: June 26, 2006
Revised: April 1, 2016

Add the following to the end of article 1032.05 of the Standard Specifications:

"(c) Ground Tire Rubber (GTR) Modified Asphalt Binder. A quantity of 10.0 to 14.0 percent GTR (Note 1) shall be blended by dry unit weight with a PG 64-28 to make a GTR 70-28 or a PG 58-28 to make a GTR 64-28. The base PG 64-28 and PG 58-28 asphalt binders shall meet the requirements of Article 1032.05(a). Compatible polymers may be added during production. The GTR modified asphalt binder shall meet the requirements of the following table.

Test	Asphalt Grade GTR 70-28	Asphalt Grade GTR 64-28
Flash Point (C.O.C.), AASHTO T 48, °F (°C), min.	450 (232)	450 (232)
Rotational Viscosity, AASHTO T 316 @ 275 °F (135 °C), Poises, Pa·s, max.	30 (3)	30 (3)
Softening Point, AASHTO T 53, °F (°C), min.	135 (57)	130 (54)
Elastic Recovery, ASTM D 6084, Procedure A (sieve waived) @ 77 °F, (25 °C), aged, ss, 100 mm elongation, 5 cm/min., cut immediately, %, min.	65	65

Note 1. GTR shall be produced from processing automobile and/or light truck tires by the ambient grinding method. GTR shall not exceed 1/16 in. (2 mm) in any dimension and shall contain no free metal particles or other materials. A mineral powder (such as talc) meeting the requirements of AASHTO M 17 may be added, up to a maximum of four percent by weight of GTR to reduce sticking and caking of the GTR particles. When tested in accordance with Illinois modified AASHTO T 27, *a* 50 g sample of the GTR shall conform to the following gradation requirements:

Sieve Size	Percent Passing
No. 16 (1.18 mm)	100
No. 30 (600 μm)	95 ± 5
No. 50 (300 μm)	> 20

Add the following to the end of Note 1. of article 1030.03 of the Standard Specifications:

"A dedicated storage tank for the Ground Tire Rubber (GTR) modified asphalt binder shall be provided. This tank must be capable of providing continuous mechanical mixing throughout by continuous agitation and recirculation of the asphalt binder to provide a uniform mixture. The tank shall be heated and capable of maintaining the temperature of the asphalt binder at 300 °F to 350 °F (149 °C to 177 °C). The asphalt binder metering systems of dryer drum plants shall be calibrated with the actual GTR modified asphalt binder material with an accuracy of ± 0.40 percent."

Revise 1030.02(c) of the Standard Specifications to read:

"(c) RAP Materials (Note 5) ……..…..1031"

Add the following note to 1030.02 of the Standard Specifications:

Note 5. When using reclaimed asphalt pavement and/or reclaimed asphalt shingles, the maximum asphalt binder replacement percentage shall be according to the most recent special provision for recycled materials.

HOT-MIX ASPHALT BINDER AND SURFACE COURSE (D-1)
Effective: November 1, 2019
Revised: November 1, 2020

Description. This work shall consist of constructing a hot-mix asphalt (HMA) binder and/or surface course on a prepared base. Work shall be according to Sections 406 and 1030 of the Standard Specifications, except as modified herein.

Materials. Revise Article 1004.03(c) to read:

" (c) Gradation. The coarse aggregate gradations shall be as listed in the following table.

Use	Size/Application	Gradation No.
Class A-1, A-2, & A-3	3/8 in. (10 mm) Seal	CA 16 or CA 20
Class A-1	1/2 in. (13 mm) Seal	CA 15
Class A-2 & A-3	Cover Coat	CA 14
HMA High ESAL	IL-19.0; Stabilized Subbase IL-19.0	CA 11 1/
	SMA 12.5 2/	CA 13 4/, CA 14, or CA 16
	SMA 9.5 2/	CA 13 3/4/ or CA 16 3/
	IL-9.5	CA 16, CM 13 4/
	IL-9.5FG	CA 16
HMA Low ESAL	IL-19.0L	CA 11 1/
	IL-9.5L	CA 16

1/ CA 16 or CA 13 may be blended with the CA 11.

2/ The coarse aggregates used shall be capable of being combined with stone sand, slag sand, or steel slag sand meeting the FA/FM 20 gradation and mineral filler to meet the approved mix design and the mix requirements noted herein.

3/ The specified coarse aggregate gradations may be blended.

4/ CA 13 shall be 100 percent passing the 1/2 in. (12.5mm) sieve."

Revise Article 1004.03(e) of the Supplemental Specifications to read:

"(e) Absorption. For SMA the coarse aggregate shall also have water absorption ≤ 2.0 percent."

HMA Nomenclature. Revise the "High ESAL" portion of the table in Article 1030.01 to read:

"High ESAL	Binder Courses	IL-19.0, IL-9.5, IL-9.5FG, IL-4.75, SMA 12.5, Stabilized Subbase IL-19.0
	Surface Courses	IL-9.5, IL-9.5FG, SMA 12.5, SMA 9.5"

Revise Article 1030.02 of the Standard Specifications and Supplemental Specifications to read:

"**1030.02 Materials.** Materials shall be according to the following.

Item	Article/Section
(a) Coarse Aggregate	1004.03
(b) Fine Aggregate	1003.03
(c) RAP Material	1031
(d) Mineral Filler	1011
(e) Hydrated Lime	1012.01
(f) Slaked Quicklime (Note 1)	
(g) Performance Graded Asphalt Binder (Note 2)	1032
(h) Fibers (Note 3)	
(i) Warm Mix Asphalt (WMA) Technologies (Note 4)	

Note 1. Slaked quicklime shall be according to ASTM C 5.

Note 2. The asphalt binder shall be an SBS PG 76-28 when the SMA is used on a full-depth asphalt pavement and SBS PG 76-22 when used as an overlay, except where modified herein. The asphalt binder shall be a SBS PG 76-22 for IL-4.75, except where modified herein. The elastic recovery shall be a minimum of 80.

Note 3. A stabilizing additive such as cellulose or mineral fiber shall be added to the SMA mixture according to Illinois Modified AASHTO M 325. The stabilizing additive shall meet the Fiber Quality Requirements listed in Illinois Modified AASHTO M 325. Prior to approval and use of fibers, the Contractor shall submit a notarized certification by the producer of these materials stating they meet these requirements. Reclaimed Asphalt Shingles (RAS) may be used in Stone Matrix Asphalt (SMA) mixtures designed with an SBA polymer modifier as a fiber additive if the mix design with RAS included meets AASHTO T305 requirements. The RAS shall be from a certified source that produces either Type I or Type 2. Material shall meet requirements noted herein and the actual dosage rate will be determined by the Engineer.

Note 4. Warm mix additives or foaming processes shall be selected from the Department's Qualified Producer List, "Technologies for the Production of Warm Mix Asphalt (WMA)"."

Mixture Design. Revise Article 1030.04(a)(1) of the Standard Specifications and the Supplemental Specifications to read:

High ESAL, MIXTURE COMPOSITION (% PASSING) 1/										
Sieve Size	IL-19.0 mm		SMA 12.5		SMA 9.5		IL-9.5mm		IL-4.75 mm	
	min	max	min	max	min	max	min	max	min	max
1 1/2 in (37.5 mm)										
1 in. (25 mm)		100								
3/4 in. (19 mm)	90	100		100						
1/2 in. (12.5 mm)	75	89	80	100		100		100		100
3/8 in. (9.5 mm)				65	90	100	90	100		100
#4 (4.75 mm)	40	60	20	30	36	50	34	69	90	100
#8 (2.36 mm)	20	42	16	24 4/	16	32 4/	34 5/	52 2/	70	90
#16 (1.18 mm)	15	30					10	32	50	65
#30 (600 μm)			12	16	12	18				
#50 (300 μm)	6	15					4	15	15	30
#100 (150 μm)	4	9					3	10	10	18
#200 (75 μm)	3	6	7.0	9.0 3/	7.5	9.5 3/	4	6	7	9 3/
#635 (20 μm)			≤ 3.0		≤ 3.0					
Ratio Dust/Asphalt Binder		1.0		1.5		1.5		1.0		1.0

1/ Based on percent of total aggregate weight.

2/ The mixture composition shall not exceed 44 percent passing the #8 (2.36 mm) sieve for surface courses with Ndesign = 90.

3/ Additional minus No. 200 (0.075 mm) material required by the mix design shall be mineral filler, unless otherwise approved by the Engineer.

4/ When establishing the Adjusted Job Mix Formula (AJMF) the percent passing the #8 (2.36 mm) sieve shall not be adjusted above the percentage stated on the table.

5/ When establishing the Adjusted Job Mix Formula (AJMF) the percent passing the #8 (2.36 mm) sieve shall not be adjusted below 34 percent.

Revise Article 1030.04(b)(1) of the Standard Specifications to read:

"(1) High ESAL Mixtures. The target value for the air voids of the HMA shall be 4.0 percent, for IL-4.75 it shall be 3.5 percent and for Stabilized Subbase it shall be 3.0 percent at the design number of gyrations. The voids in the mineral aggregate (VMA) and voids filled

with asphalt binder (VFA) of the HMA design shall be based on the nominal maximum size of the aggregate in the mix and shall conform to the following requirements.

VOLUMETRIC REQUIREMENTS High ESAL				
	Voids in the Mineral Aggregate (VMA), % minimum			Voids Filled with Asphalt Binder (VFA), %
Ndesign	IL-19.0; Stabilized Subbase IL- 19.0	IL-9.5	IL-4.75 1/	
50	13.5	15.0	18.5	65 – 78 2/
70				65 - 75
90				

1/ Maximum draindown for IL-4.75 shall be 0.3 percent.

2/ VFA for IL-4.75 shall be 72-85 percent."

Revise the table in Article 1030.04(b)(3) to read:

"VOLUMETRIC REQUIREMENTS, SMA 12.5 1/ and SMA 9.5 1/			
Ndesign	Design Air Voids Target %	Voids in the Mineral Aggregate (VMA), % min.	Voids Filled with Asphalt (VFA), %
80 4/	3.5	17.0 2/	75 - 83
		16.0 3/	

1/ Maximum draindown shall be 0.3 percent. The draindown shall be determined at the JMF asphalt binder content at the mixing temperature plus 30 °F.

2/ Applies when specific gravity of coarse aggregate is ≥ 2.760.

3/ Applies when specific gravity of coarse aggregate is < 2.760.

4/ Blending of different types of aggregate will not be permitted.
For surface course, the coarse aggregate can be crushed steel slag, crystalline crushed stone or crushed sandstone. For binder course, coarse aggregate shall be crushed stone (dolomite), crushed gravel, crystalline crushed stone, or crushed sandstone.

Add to the end of Article 1030.05 (d) (2) a. of the Standard Specifications:

"During production, the Contractor shall test SMA mixtures for draindown according to AASHTO T305 at a frequency of 1 per day of production."

Revise the last paragraph of Article 1102.01 (a) (5) of the Standard Specifications to read:

"IL-4.75 and Stone Matrix Asphalt (SMA) mixtures which contain aggregate having absorptions

greater than or equal to 2.0 percent, or which contain steal slag sand, shall have minimum surge bin storage plus haul time of 1.5 hours."

Quality Control/Quality Assurance (QC/QA). Revise the third paragraph of Article 1030.05(d)(3) to read:

"If the Contractor and Engineer agree the nuclear density test method is not appropriate for the mixture, cores shall be taken at random locations determined according to the QC/QA document "Determination of Random Density Test Site Locations". Core densities shall be determined using the Illinois Modified AASHTO T 166 or T 275 procedure."

Add the following paragraphs to the end of Article 1030.05(d)(3):

"Longitudinal joint density testing shall be performed at each random density test location. Longitudinal joint testing shall be located at a distance equal to the lift thickness or a minimum of 4 in. (100 mm), from each pavement edge (i.e. for a 5 in. (125 mm) lift the near edge of the density gauge or core barrel shall be within 5 in. (125 mm) from the edge of pavement). Longitudinal joint density testing shall be performed using either a correlated nuclear gauge or cores.

a. Confined Edge. Each confined edge density shall be represented by a one-minute nuclear density reading or a core density and shall be included in the average of density readings or core densities taken across the mat which represents the Individual Test.

b. Unconfined Edge. Each unconfined edge joint density shall be represented by an average of three one-minute density readings or a single core density at the given density test location and shall meet the density requirements specified herein. The three one-minute readings shall be spaced 10 ft (3 m) apart longitudinally along the unconfined pavement edge and centered at the random density test location.

When a longitudinal joint sealant (LJS) is applied, longitudinal joint density testing will not be required on the joint(s) sealed."

Revise the second table in Article 1030.05(d)(4) and its notes to read:

"DENSITY CONTROL LIMITS			
Mixture Composition	Parameter	Individual Test (includes confined edges)	Unconfined Edge Joint Density, minimum
IL-4.75	Ndesign = 50	93.0 – 97.4 % 1/	91.0%
IL-9.5FG	Ndesign = 50 - 90	93.0 – 97.4 %	91.0%
IL-9.5	Ndesign = 90	92.0 – 96.0 %	90.0%
IL-9.5, IL-9.5L,	Ndesign < 90	92.5 – 97.4 %	90.0%
IL-19.0	Ndesign = 90	93.0 – 96.0 %	90.0%
IL-19.0, IL-19.0L	Ndesign < 90	93.0 2/ – 97.4 %	90.0%
SMA	Ndesign = 80	93.5 – 97.4 %	91.0%

1/ Density shall be determined by cores or by correlated, approved thin lift nuclear gauge.

2/ 92.0 % when placed as first lift on an unimproved subgrade."

Equipment. Add the following to Article 1101.01 of the Standard Specifications:

"(h) Oscillatory Roller. The oscillatory roller shall be self-propelled and provide a smooth operation when starting, stopping, or reversing directions. The oscillatory roller shall be able to operate in a mode that will provide tangential impact force with or without vertical impact force by using at least one drum. The oscillatory roller shall be equipped with water tanks and sprinkling devices, or other approved methods, which shall be used to wet the drums to prevent material pickup. The drum(s) amplitude and frequency of the tangential and vertical impact force shall be approximately the same in each direction and meet the following requirements:

(1) The minimum diameter of the drum(s) shall be 42 in. (1070 mm);

(2) The minimum length of the drum(s) shall be 57 in. (1480 mm);

(3) The minimum unit static force on the drum(s) shall be 125 lb/in. (22 N/m); and

(4) The minimum force on the oscillatory drum shall be 18,000 lb (80 kN)."

Construction Requirements.

Add the following to Article 406.03 of the Standard Specifications:

"(j) Oscillatory Roller ..... 1101.01"

Revise the third paragraph of Article 406.05(a) to read:

"All depressions of 1 in. (25 mm) or more in the surface of the existing pavement shall be filled with binder. At locations where heavy disintegration and deep spalling exists, the area shall be cleaned of all loose and unsound material, tacked, and filled with binder (hand method)."

Revise Article 406.05(c) to read.

"(c) Binder (Hand Method). Binder placed other than with a finishing machine will be designated as binder (hand method) and shall be compacted with a roller to the satisfaction of the Engineer. Hand tamping will be permitted when approved by the Engineer."

Revise the special conditions for mixture IL-4.75 in Article 406.06(b)(2)e. to read:

"e. The mixture shall be overlaid within 5 days of being placed."

Revise Article 406.06(d) to read:

"(d) Lift Thickness. The minimum compacted lift thickness for HMA binder and surface courses shall be as follows.

MINIMUM COMPACTED LIFT THICKNESS	
Mixture Composition	Thickness, in. (mm)
IL-4.75	3/4 (19) - over HMA surfaces 1/ 1 (25) - over PCC surfaces 1/
IL-9.5FG	1 1/4 (32)
IL-9.5, IL-9.5L	1 1/2 (38)
SMA 9.5	1 3/4 (45)
SMA 12.5	2 (51)
IL-19.0, IL-19.0L	2 1/4 (57)

1/ The maximum compacted lift thickness for mixture IL-4.75 shall be 1 1/4 in. (32 mm)."

Revise Table 1 and Note 3/ of Table 1 in Article 406.07(a) of the Standard Specifications to read:

"TABLE 1 - MINIMUM ROLLER REQUIREMENTS FOR HMA				
	Breakdown Roller (one of the following)	Intermediate Roller	Final Roller (one or more of the following)	Density Requirement
Binder and Surface 1/	V_D, P 3/, T_B, 3W, O_T, O_B	P 3/, O_T, O_B	V_S, T_B, T_F, O_T	As specified in Articles: 1030.05(d)(3), (d)(4), and (d)(7).
IL-4.75 and SMA 4/ 5/	T_B, 3W, O_T	- -	T_F, 3W, O_T	
Bridge Decks 2/	T_B	- -	T_F	As specified in Articles 582.05 and 582.06.

3/ A vibratory roller (V_D) or oscillatory roller (O_T or O_B) may be used in lieu of the pneumatic-tired roller on mixtures containing polymer modified asphalt binder.

5/ The Contractor shall provide two steel-wheeled tandem (T_B) or three-wheel (3W) rollers for breakdown, except one of the (T_B) or (3W) rollers shall be 84 inches (2.14 m) wide and a weight of 315 pound per linear inch (PLI) (5.63 kg/mm). 3W, T_B and T_F rollers shall be a minimum of 280 lb/in. (50 N/mm). The 3W and T_B rollers shall be operated at a uniform speed not to exceed 3 mph (5 km/h), with the drive roll for T_B rollers nearest the paver and maintain an effective rolling distance of not more than 150 ft (45 m) behind the paver."

Add the following to EQUIPMENT DEFINITION in Article 406.07(a) contained in the Errata of the Supplemental Specifications:

"O_T - Oscillatory roller, tangential impact mode. Maximum speed is 3.0 mph (4.8 km/h) or 264 ft/min (80 m/min).

O_B - Oscillatory roller, tangential and vertical impact mode, operated at a speed to produce not less than 10 vertical impacts/ft (30 impacts/m)."

Delete last sentence of the second paragraph of Article 1102.01(a) (4) b. 2.

Add to the end of Article 1102.01 (a) (4) b. 2.:

"As an option, collected dust (baghouse) may be used in lieu of manufactured mineral filler according to the following:

(a.) Sufficient collected dust (baghouse) is available for production of the SMA mix for the entire project.

(b.) A mix design was prepared based on collected dust (baghouse).

Production Testing. Revise first paragraph of Article 1030.06(a) of the Standard Specifications to read:

"(a) High ESAL Mixtures. A test strip of 300 ton (275 metric tons), except for SMA mixtures it will be 400 ton (363 metric ton), will be required for each mixture on each contract at the beginning of HMA production for each construction year according to the Manual of Test Procedures for Materials "Hot Mix Asphalt Test Strip Procedures". At the request of the Producer, the Engineer may waive the test strip if previous construction during the current construction year has demonstrated the constructability of the mix using Department test results."

Method of Measurement:

Add the following after the fourth paragraph of Article 406.13 (b):

"The plan quantities of SMA mixtures shall be adjusted using the actual approved binder and surface Mix Design's G_{mb}."

Basis of Payment. Replace the second through the fifth paragraphs of Article 406.14 with the following:

"HMA binder and surface courses will be paid for at the contract unit price per ton (metric ton) for MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS; HOT-MIX ASPHALT BINDER COURSE (HAND METHOD), of the Ndesign specified; HOT-MIX ASPHALT BINDER COURSE, of the mixture composition and Ndesign specified; HOT-MIX ASPHALT SURFACE COURSE, of the mixture composition, friction aggregate, and Ndesign specified; POLYMERIZED HOT-MIX ASPHALT BINDER COURSE (HAND METHOD), of the Ndesign specified; POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, of the mixture composition and Ndesign specified; POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, of the mixture composition, friction aggregate, and Ndesign specified; POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, of the mixture composition and Ndesign specified; POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, of the mixture composition, friction aggregate, and Ndesign specified."

HAMBURG WHEEL AND TENSILE STRENGTH RATIO TESTING (D-1)
Effective: November 1, 2020

Revise Article 1030.04(d) of the Standard Specifications to read:

"(d) Verification Testing. During mixture design, prepared samples shall be submitted to the District laboratory for verification testing. The required testing, and number and size of prepared samples submitted, shall be according to the following tables.

High ESAL – Required Samples for Verification Testing	
Mixture	Hamburg Wheel Testing 1/ 2/
Binder	total of 3 - 160 mm tall bricks
Surface	total of 4 - 160 mm tall bricks

1/ The compacted gyratory bricks for Hamburg wheel testing shall be 7.5 ± 0.5 percent air voids.

2/ If the Contractor does not possess the equipment to prepare the 160 mm tall brick(s), twice as many 115 mm tall compacted gyratory bricks will be acceptable.

New and renewal mix designs shall meet the following requirements for verification testing.

(1) Hamburg Wheel Test. The maximum allowable rut depth shall be 0.5 in. (12.5 mm). The minimum number of wheel passes at the 0.5 in. (12.5 mm) rut depth criteria shall be based on the high temperature binder grade of the mix as specified in the mix requirements table of the plans.

Illinois Modified AASHTO T 324 Requirements 1/	
PG Grade	Minimum Number of Wheel Passes
PG 58-xx (or lower)	5,000
PG 64-xx	7,500
PG 70-xx	15,000
PG 76-xx (or higher)	20,000

1/ When produced at temperatures of 275 ± 5 °F (135 ± 3 °C) or below, loose warm mix asphalt shall be oven aged at 270 ± 5 °F (132 ± 3 °C) for two hours prior to gyratory compaction of Hamburg wheel specimens.

(2) Tensile Strength. Tensile strength testing shall be according to the Illinois Modified AASHTO T 283 procedure. The minimum allowable conditioned tensile strength shall be 60 psi (415 kPa) for non-polymer modified performance graded (PG) asphalt binder and 80 psi (550 kPa) for polymer modified PG asphalt binder, except polymer modified PG XX-28 or lower asphalt binders which shall have a minimum tensile strength of 70 psi (483 kPa). The maximum allowable unconditioned tensile strength shall be 200 psi (1380 kPa).

If a mix fails the Department's verification testing, the Contractor shall make necessary changes to the mix and provide passing Hamburg wheel and tensile strength test results from a private lab. The Department will verify the passing results."

Delete paragraph six, seven and eight of Article 1030.06(a).

Add the following to the end of Article 1030.06(a) of the Standard Specifications to read:

> "Mixture sampled to represent the test strip shall include approximately 60 lb (27 kg) of additional material for the Department to conduct Hamburg wheel testing. Within two working days after sampling, the Contractor shall deliver prepared samples to the District laboratory for verification testing. The required number and size of prepared samples submitted for the Hamburg wheel testing shall be according to the "High ESAL - Required Samples for Verification Testing" table in Article 1030.04(d) above.
>
> Mixture sampled during production for Hamburg wheel will be tested by the Department. The Hamburg wheel results shall meet the requirements specified in Article 1030.04(d) above.
>
> Upon notification by the Engineer of a failing Hamburg wheel test and prior to restarting production, the Contractor shall make necessary adjustments approved by the Engineer to the mixture production and submit another mixture sample for the Department to conduct Hamburg wheel testing. Prior produced material may be paved out provided all other mixture criteria is being met. Upon consecutive failing Hamburg wheel tests, no additional mixture shall be produced until the Engineer receives passing Hamburg wheel test results.

The Department may conduct additional Hamburg wheel testing on production material as determined by the Engineer."

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 Algonquin

Christoper B. Burke Engineering, Ltd.

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.

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

SPECIAL PROVISION FOR CONSTRUCTION AND MAINTENANCE SIGNS

Effective: January 1, 2004
Revised: June 1, 2007

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

701.14. Signs. Add the following paragraph to Article 701.14:

All warning signs shall have minimum dimensions of 1200 mm x 1200 mm (48" x 48") and have a black legend on a fluorescent orange reflectorized background, meeting, as a minimum, Type AP reflectivity requirements of Table 1091-2 in Article 1091.02.

State of Illinois
DEPARTMENT OF TRANSPORTATION
Bureau of Local Roads & Streets

SPECIAL PROVISION FOR EMULSIFIED ASPHALTS

Effective: January 1, 2007
Revised: February 7, 2008

All references to Sections and Articles in this Special Provision shall be construed to mean specific Sections and Articles in the Standard Specifications for Road and Bridge Construction adopted by the Department of Transportation.

Replace the table after Note 2 in Article 403.02 with the following:

Type of Construction	Bituminous Materials Recommended for Weather Conditions Indicated	
	Warm [15 °C to 30 °C]* [(60 °F to 85 °F)]*	Hot [30 °C Plus]* [(85 °F Plus)]*
Prime	MC-30, PEP	MC-30, PEP
Cover Coat and Seal Coat	RS-2, CRS-2, RC-800, RC-3000, MC-800, MC-3000, SC-3000, HFE-90, HFE-150, HFE-300, HFRS-2, PEA**	RS-2, CRS-2, RC-800, RC-3000, MC-800, MC-3000, SC-3000, PG46-28, PG52-28, HFE-90, HFE-150, HFE-300, HFRS-2, PEA**

* Temperature of the air in the shade at the time of application.
** PEA is only allowed on roads with low traffic volumes

Replace the table after Note 2 in Article 406.02 with the following:

Type of Construction	Bituminous Materials Recommended
Prime (tack) on Brick, Concrete, or Bituminous Bases (Note 3)	SS-1, SS-1h, CSS-1, CSS-1h, HFE-90, RC-70
Prime on Aggregate Bases (Note 4)	MC-30, PEP
Mixture for Cracks, Joints, and Flangeways	PG58-22, PG64-22

Note 3. When emulsified asphalts are used, they shall be diluted with an equal volume of potable water. HFE emulsions shall be diluted by the manufacturer. The diluted material shall be thoroughly agitated within 24 hours of application and show no separation of water and emulsion. The diluted material shall not be returned to an approved emulsion storage tank.

Note 4. Preparation of the bituminous PEP shall be as specified in Article 403.05.

Replace the table in Article 1032.04 with the following:

Spraying Application Temperature Ranges		
Type and Grade of Bituminous Material	Temperature Ranges	
	°F min. - max.	°C min. - max.
PEP	60 - 130	15 - 55
PEA	140 - 190	60 -88
MC-30	85 - 190	30 - 90
MC-70, RC-70, SC-70	120 - 225	50 - 105
MC-250, SC-250	165 - 270	75 - 130
MC-800, SC-800	200 - 305	95 - 150
MC-3000, SC-3000	230 - 345	110 - 175
PG46-28	275 - 385	135 - 195
PG52-28	285 - 395	140 - 200
RS-2, CRS-2	110 - 160	45 - 70
SS-1, SS-1h, CSS-1, CSS-1h	75 - 130	25 - 55
SS-1hP, CSS-1hP	75 - 130	25 - 55
HFE-90, HFE-150, HFE-300	150 - 180	65 - 80
HFP, CRSP, HFRS-2	150 - 180	65 - 80
E-2	85 - 190	30 - 90
E-3	120 - 225	50 - 105
E-4	165 - 270	75 - 130

Add subparagraph (g) to Article 1032.06:

(g) Penetrating Emulsified Asphalt (PEA). The penetrating emulsified asphalt shall meet the following requirements when tested according to AASHTO T59:

Viscosity, Saybolt Fural @ 25°C (77°F),	sec:	20 - 500
Sieve Test, retained on 850 μm (No. 20) sieve, maximum,	%:	0.10
Storage Stability Test, 1 day, maximum,	%:	1
Float Test @ 60°C (140°F), minimum,	sec:	150
Stone Coating Test, 3 minutes,	:	Stone Coated Thoroughly
Particle Charge	:	Negative
pH, minimum	:	7.3
Distillation Test:		
Distillation to 260°C (500°F) Residue, minimum	%:	65
Oil Distillate by Volume, maximum	%:	3
Test on residue from distillation:		
Penetration @ 25°C (77°F), 100 g, 5 sec, minimum	dmm:	300

Replace the last sentence and table of Article 1032.06 with the following:

The different grades are, in general, used for the following.

Grade	Use
SS-1, SS-1h, CSS-1, CSS-1h, HFE 90, SS-1hP, CSS-1hP	Tack or fog seal
PEP	Bituminous surface treatment prime
RS-2, HFE 90, HFE 150, HFE 300, CRSP, HFP, CRS-2, HFRS-2, PEA	Bituminous surface treatment
CSS-1h Latex Modified	Microsurfacing

BDE SPECIAL PROVISIONS
For the January 15 and March 5, 2021 Lettings

The following special provisions indicated by a “check mark” are applicable to this contract and will be included by the Project Coordination and Implementation Section of the BD&E. An * indicates a new or revised special provision for the letting.

	File Name	#		Special Provision Title	Effective	Revised
	80099	1	☐	Accessible Pedestrian Signals (APS)	April 1, 2003	April 1, 2020
	80274	2	☐	Aggregate Subgrade Improvement	April 1, 2012	April 1, 2016
	80192	3	☐	Automated Flagger Assistance Device	Jan. 1, 2008	
	80173	4	☐	Bituminous Materials Cost Adjustments	Nov. 2, 2006	Aug. 1, 2017
	80426	5	☐	Bituminous Surface Treatment with Fog Seal	Jan. 1, 2020	
	80241	6	☐	Bridge Demolition Debris	July 1, 2009	
	5026I	7	☐	Building Removal-Case I (Non-Friable and Friable Asbestos)	Sept. 1, 1990	April 1, 2010
	5048I	8	☐	Building Removal-Case II (Non-Friable Asbestos)	Sept. 1, 1990	April 1, 2010
	5049I	9	☐	Building Removal-Case III (Friable Asbestos)	Sept. 1, 1990	April 1, 2010
	5053I	10	☐	Building Removal-Case IV (No Asbestos)	Sept. 1, 1990	April 1, 2010
*	80425	11	☐	Cape Seal	Jan. 1, 2020	Jan. 1, 2021
	80384	12	■	Compensable Delay Costs	June 2, 2017	April 1, 2019
	80198	13	☐	Completion Date (via calendar days)	April 1, 2008	
	80199	14	☐	Completion Date (via calendar days) Plus Working Days	April 1, 2008	
	80293	15	☐	Concrete Box Culverts with Skews > 30 Degrees and Design Fills ≤ 5 Feet	April 1, 2012	July 1, 2016
	80311	16	☐	Concrete End Sections for Pipe Culverts	Jan. 1, 2013	April 1, 2016
	80261	17	■	Construction Air Quality – Diesel Retrofit	June 1, 2010	Nov. 1, 2014
	80387	18	☐	Contrast Preformed Plastic Pavement Marking	Nov. 1, 2017	
*	80434	19	☐	Corrugated Plastic Pipe (Culvert and Storm Sewer)	Jan. 1, 2021	
	80029	20	☐	Disadvantaged Business Enterprise Participation	Sept. 1, 2000	March 2, 2019
	80402	21	■	Disposal Fees	Nov. 1, 2018	
	80378	22	☐	Dowel Bar Inserter	Jan. 1, 2017	Jan. 1, 2018
	80421	23	☐	Electric Service Installation	Jan. 1, 2020	
	80415	24	■	Emulsified Asphalts	Aug. 1, 2019	
	80423	25	☐	Engineer’s Field Office and Laboratory	Jan. 1, 2020	
	80229	26	☐	Fuel Cost Adjustment	April 1, 2009	Aug. 1, 2017
	80417	27	☐	Geotechnical Fabric for Pipe Underdrains and French Drains	Nov. 1, 2019	
	80420	28	☐	Geotextile Retaining Walls	Nov. 1, 2019	
*	80433	29	☐	Green Preformed Thermoplastic Pavement Markings	Jan. 1, 2021	
	80304	30	☐	Grooving for Recessed Pavement Markings	Nov. 1, 2012	Nov. 1, 2020
	80422	31	☐	High Tension Cable Median Barrier	Jan. 1, 2020	Nov. 1, 2020
	80416	32	☐	Hot-Mix Asphalt – Binder and Surface Course	July 2, 2019	Nov. 1, 2019
	80398	33	☐	Hot-Mix Asphalt – Longitudinal Joint Sealant	Aug. 1, 2018	Nov. 1, 2019
*	80406	34	☐	Hot-Mix Asphalt – Mixture Design Verification and Production (Modified for I-FIT)	Jan. 1, 2019	Jan. 1, 2021
	80347	35	☐	Hot-Mix Asphalt – Pay for Performance Using Percent Within Limits – Jobsite Sampling	Nov. 1, 2014	July 2, 2019
	80383	36	☐	Hot-Mix Asphalt – Quality Control for Performance	April 1, 2017	July 2, 2019
	80411	37	☐	Luminaires, LED	April 1, 2019	
	80393	38	☐	Manholes, Valve Vaults, and Flat Slab Tops	Jan. 1, 2018	March 1, 2019
	80045	39	☐	Material Transfer Device	June 15, 1999	Aug. 1, 2014
	80418	40	☐	Mechanically Stabilized Earth Retaining Walls	Nov. 1, 2019	Nov. 1, 2020
*	80424	41	☐	Micro-Surfacing and Slurry Sealing	Jan. 1, 2020	Jan. 1, 2021
	80428	42	☐	Mobilization	April 1, 2020	
	80412	43	☐	Obstruction Warning Luminaires, LED	Aug. 1, 2019	
	80430	44	■	Portland Cement Concrete – Haul Time	July 1, 2020	
	80359	45	☐	Portland Cement Concrete Bridge Deck Curing	April 1, 2015	Nov. 1, 2019
	80431	46	☐	Portland Cement Concrete Pavement Patching	July 1, 2020	

	80432	47	☐	Portland Cement Concrete Pavement Placement	July 1, 2020	
	80300	48	☐	Preformed Plastic Pavement Marking Type D - Inlaid	April 1, 2012	April 1, 2016
	3426I	49	☐	Railroad Protective Liability Insurance	Dec. 1, 1986	Jan. 1, 2006
	80157	50	☐	Railroad Protective Liability Insurance (5 and 10)	Jan. 1, 2006	
*	80306	51	■	Reclaimed Asphalt Pavement (RAP) and Reclaimed Asphalt Shingles (RAS)	Nov. 1, 2012	Jan. 1, 2021
	80407	52	■	Removal and Disposal of Regulated Substances	Jan. 1, 2019	Jan. 1, 2020
	80419	53	■	Silt Fence, Inlet Filters, Ground Stabilization and Riprap Filter Fabric	Nov. 1, 2019	April 1, 2020
	80395	54	☐	Sloped Metal End Section for Pipe Culverts	Jan. 1, 2018	
	80340	55	☐	Speed Display Trailer	April 2, 2014	Jan. 1, 2017
	80127	56	☐	Steel Cost Adjustment	April 2, 2004	Aug. 1, 2017
	80408	57	☐	Steel Plate Beam Guardrail Manufacturing	Jan. 1, 2019	
	80413	58	☐	Structural Timber	Aug. 1, 2019	
	80397	59	☐	Subcontractor and DBE Payment Reporting	April 2, 2018	
	80391	60	☐	Subcontractor Mobilization Payments	Nov. 2, 2017	April 1, 2019
*	80435	61	☐	Surface Testing of Pavements – IRI	Jan. 1, 2021	
	80298	62	☐	Temporary Pavement Marking	April 1, 2012	April 1, 2017
	80409	63	■	Traffic Control Devices - Cones	Jan. 1, 2019	
	80410	64	☐	Traffic Spotters	Jan. 1, 2019	
	20338	65	☐	Training Special Provisions	Oct. 15, 1975	
	80318	66	☐	Traversable Pipe Grate for Concrete End Sections	Jan. 1, 2013	Jan. 1, 2018
	80429	67	☐	Ultra-Thin Bonded Wearing Course	April 1, 2020	
	80288	68	☐	Warm Mix Asphalt	Jan. 1, 2012	April 1, 2016
	80302	69	☐	Weekly DBE Trucking Reports	June 2, 2012	April 2, 2015
	80414	70	☐	Wood Fence Sight Screen	Aug. 1, 2019	April 1, 2020
	80427	71	■	Work Zone Traffic Control Devices	Mar. 2, 2020	
	80071	72	☐	Working Days	Jan. 1, 2002	

The following special provisions are in the 2021 Supplemental Specifications and Recurring Special Provisions.

File Name	Special Provision Title	New Location(s)	Effective	Revised
80277	Concrete Mix Design – Department Provided	Check Sheet #37	Jan. 1, 2012	April 1, 2016
80405	Elastomeric Bearings	Article 1083.01	Jan. 1, 2019	
80388	Equipment Parking and Storage	Article 701.11	Nov. 1, 2017	
80165	Moisture Cured Urethane Paint System	Article 1008.06	Nov. 1, 2006	Jan. 1, 2010
80349	Pavement Marking Blackout Tape	Articles 701.04, 701.19(f), 701.20(j) and 1095.06	Nov. 1, 2014	April 1, 2016
80371	Pavement Marking Removal	Articles 783.02-783.04, 783.06 and 1101.13	July 1, 2016	
80389	Portland Cement Concrete	Article 1020.04 Table 1 and Note 4	Nov. 1, 2017	
80403	Traffic Barrier Terminal, Type 1 Special	Articles 631.04 and 631.12	Nov. 1, 2018	

The following special provisions have been deleted from use.

File Name	Special Provision Title	Effective	Revised
80317	Surface Testing of Hot-Mix Asphalt Overlays	Jan. 1, 2013	Aug. 1, 2019

The following special provisions require additional information from the designer. The additional information needs to be submitted as a separate document. The Project Coordination and Implementation section will then include the information in the applicable special provision.

- 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

COMPENSABLE DELAY COSTS (BDE)

Effective: June 2, 2017
Revised: April 1, 2019

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

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

(1) Minor Delay. A minor delay occurs when the work in conflict with the utility in an unanticipated location is completely stopped for more than two hours, but not to exceed two weeks.

(2) Major Delay. A major delay occurs when the work in conflict with the utility in an unanticipated location is completely stopped for more than two weeks.

(3) Reduced Rate of Production Delay. A reduced rate of production delay occurs when the rate of production on the work in conflict with the utility in an unanticipated location decreases by more than 25 percent and lasts longer than seven calendar days."

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

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

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

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

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

Equipment will be the same as for a minor delay, except Contractor-owned equipment will be limited to two weeks plus the cost of move-out to either the

Contractor's yard or another job and the cost to re-mobilize, whichever is less. Rental equipment may be paid for longer than two weeks provided the Contractor presents adequate support to the Department (including lease agreement) to show retaining equipment on the job is the most economical course to follow and in the public interest.

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

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

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

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

(1) When adverse weather prevents work on the controlling item.

(2) When job conditions due to recent weather prevent work on the controlling item.

(3) When conduct or lack of conduct by the Department or its consultants, representatives, officers, agents, or employees; delay by the Department in making the site available; or delay in furnishing any items required to be furnished to the Contractor by the Department prevents work on the controlling item.

(4) When delays caused by utility or railroad adjustments prevent work on the controlling item.

(5) When strikes, lock-outs, extraordinary delays in transportation, or inability to procure critical materials prevent work on the controlling item, as long as these delays are not due to any fault of the Contractor.

(6) When any condition over which the Contractor has no control prevents work on the controlling item."

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

"(f) Basis of Payment. After resolution of a claim in favor of the Contractor, any adjustment in time required for the work will be made according to Section 108. Any adjustment in the costs to be paid will be made for direct labor, direct materials, direct equipment, direct jobsite overhead, direct offsite overhead, and other direct costs allowed by the resolution. Adjustments in costs will not be made for interest charges, loss of anticipated profit, undocumented loss of efficiency, home office overhead and unabsorbed overhead

other than as allowed by Article 109.13, lost opportunity, preparation of claim expenses and other consequential indirect costs regardless of method of calculation.

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

Add the following to Section 109 of the Standard Specifications.

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

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

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

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

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

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

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

	One Clerk
Over $50,000,000	One Project Manager, Two Project Superintendents, One Engineer, and One Clerk

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

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

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

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

80384

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

DISPOSAL FEES (BDE)

Effective: November 1, 2018

Replace Articles 109.04(b)(5) – 109.04(b)(8) of the Standard Specifications with the following:

"(5) Disposal Fees. When the extra work performed includes paying for disposal fees at a clean construction and demolition debris facility, an uncontaminated soil fill operation or a landfill, the Contractor shall receive, as administrative costs, an amount equal to five percent of the first $10,000 and one percent of any amount over $10,000 of the total approved costs of such fees.

(6) Miscellaneous. No additional allowance will be made for general superintendence, the use of small tools, or other costs for which no specific allowance is herein provided.

(7) Statements. No payment will be made for work performed on a force account basis until the Contractor has furnished the Engineer with itemized statements of the cost of such force account work. Statements shall be accompanied and supported by invoices for all materials used and transportation charges. However, if materials used on the force account work are not specifically purchased for such work but are taken from the Contractor's stock, then in lieu of the invoices, the Contractor shall furnish an affidavit certifying that such materials were taken from his/her stock, that the quantity claimed was actually used, and that the price and transportation claimed represent the actual cost to the Contractor.

Itemized statements at the cost of force account work shall be detailed as follows.

a. Name, classification, date, daily hours, total hours, rate, and extension for each laborer and foreman. Payrolls shall be submitted to substantiate actual wages paid if so requested by the Engineer.

b. Designation, dates, daily hours, total hours, rental rate, and extension for each unit of machinery and equipment.

c. Quantities of materials, prices and extensions.

d. Transportation of materials.

e. Cost of property damage, liability and workmen's compensation insurance premiums, unemployment insurance contributions, and social security tax.

(8) Work Performed by an Approved Subcontractor. When extra work is performed by an approved subcontractor, the Contractor shall receive, as administrative costs, an amount equal to five percent of the total approved costs of such work with the minimum payment being $100.

(9) All statements of the cost of force account work shall be furnished to the Engineer not later than 60 days after receipt of the Central Bureau of Construction form “Extra Work Daily Report”. If the statement is not received within the specified time frame, all demands for payment for the extra work are waived and the Department is released from any and all such demands. It is the responsibility of the Contractor to ensure that all statements are received within the specified time regardless of the manner or method of delivery.”

80402

EMULSIFIED ASPHALTS (BDE)

Effective: August 1, 2019

Revise Article 1032.06 of the Standard Specifications to read:

"**1032.06 Emulsified Asphalts.** Emulsified asphalts will be accepted according to the current Bureau of Materials Policy Memorandum, "Emulsified Asphalt Acceptance Procedure". These materials shall be homogeneous and shall show no separation of asphalt after thorough mixing, within 30 days after delivery, provided separation has not been caused by freezing. They shall coat the aggregate being used in the work to the satisfaction of the Engineer and shall be according to the following requirements.

(a) Anionic Emulsified Asphalt. Anionic emulsified asphalts RS-1, RS-2, HFRS-2, SS-1h, and SS-1 shall be according to AASHTO M 140, except as follows.

(1) The cement mixing test will be waived when the emulsion is being used as a tack coat.

(2) The Solubility in Trichloroethylene test according to AASHTO T 44 may be run in lieu of Ash Content and shall meet a minimum of 97.5 percent.

(b) Cationic Emulsified Asphalt. Cationic emulsified asphalts CRS-1, CRS-2, CSS-1h, and CSS-1 shall be according to AASHTO M 208, except as follows.

(1) The cement mixing test will be waived when the emulsion is being used as a tack coat.

(2) The Solubility in Trichloroethylene test according to AASHTO T 44 may be run in lieu of Ash Content and shall meet a minimum of 97.5 percent.

(c) High Float Emulsion. High float emulsions HFE-90, HFE-150, and HFE-300 are medium setting and shall be according to the following table.

Test	HFE-90	HFE-150	HFE-300
Viscosity, Saybolt Furol, at 122 °F (50 °C), (AASHTO T 59), SFS [1/]	50 min.	50 min.	50 min.
Sieve Test, No. 20 (850 µm), retained on sieve, (AASHTO T 59), %	0.10 max.	0.10 max.	0.10 max.
Storage Stability Test, 1 day, (AASHTO T 59), %	1 max.	1 max.	1 max.
Coating Test (All Grades), (AASHTO T 59), 3 minutes	stone coated thoroughly		
Distillation Test, (AASHTO T 59): Residue from distillation test to 500 °F (260 °C), %	65 min.	65 min.	65 min.
Oil distillate by volume, %	7 max.	7 max.	7 max.

Characteristics of residue from distillation test to 500 °F (260 °C): Penetration at 77 °F (25 °C), (AASHTO T 49), 100 g, 5 sec, dmm	90-150	150-300	300 min.
Float Test at 140 °F (60 °C), (AASHTO T 50), sec.	1200 min.	1200 min.	1200 min.

1/ The emulsion shall be pumpable.

(d) Penetrating Emulsified Prime. Penetrating Emulsified Prime (PEP) shall be according to AASHTO T 59, except as follows.

Test	Result
Viscosity, Saybolt Furol, at 77 °F (25 °C), SFS	75 max.
Sieve test, retained on No. 20 (850 µm) sieve, %	0.10 max.
Distillation to 500 °F (260 °C) residue, %	38 min.
Oil distillate by volume, %	4 max.

The PEP shall be tested according to the current Bureau of Materials Illinois Laboratory Test Procedure (ILTP), "Sand Penetration Test of Penetrating Emulsified Prime (PEP)". The time of penetration shall be equal to or less than that of MC-30. The depth of penetration shall be equal to or greater than that of MC-30.

(e) Delete this subparagraph.

(f) Polymer Modified Emulsified Asphalt. Polymer modified emulsified asphalts, e.g. SS-1hP, CSS-1hP, CRS-2P (formerly CRSP), CQS-1hP (formerly CSS-1h Latex Modified) and HFRS-2P (formerly HFP) shall be according to AASHTO M 316, except as follows.

(1) The cement mixing test will be waived when the polymer modified emulsion is being used as a tack coat.

(2) CQS-1hP (formerly CSS-1h Latex Modified) emulsion for micro-surfacing treatments shall use latex as the modifier.

(3) Upon examination of the storage stability test cylinder after standing undisturbed for 24 hours, the surface shall show minimal to no white, milky colored substance and shall be a homogenous brown color throughout.

(4) The distillation for all polymer modified emulsions shall be performed according to AASHTO T 59, except the temperature shall be 374 ± 9 °F (190 ± 5 °C) to be held for a period of 15 minutes and measured using an ASTM 16F (16C) thermometer.

(5) The specified temperature for the Elastic Recovery test for all polymer modified emulsions shall be 50.0 ± 1.0 °F (10.0 ± 0.5 °C).

(6) The Solubility in Trichloroethylene test according to AASHTO T 44 may be run in lieu of Ash Content and shall meet a minimum of 97.5 percent.

(g) Non-Tracking Emulsified Asphalt. Non-tracking emulsified asphalt NTEA (formerly SS-1vh) shall be according to the following.

Test	Requirement
Saybolt Viscosity at 77 °F (25 °C), (AASHTO T 59), SFS	20-100
Storage Stability Test, 24 hr, (AASHTO T 59), %	1 max.
Residue by Distillation, 500 ± 10 °F (260 ± 5 °C), or Residue by Evaporation, 325 ± 5 °F (163 ± 3 °C), (AASHTO T 59), %	50 min.
Sieve Test, No. 20 (850 µm), (AASHTO T 59), %	0.3 max.
Tests on Residue from Evaporation	
Penetration at 77 °F (25 °C), 100 g, 5 sec, (AASHTO T 49), dmm	40 max.
Softening Point, (AASHTO T 53), °F (°C)	135 (57) min.
Ash Content, (AASHTO T 111), % 1/	1 max.

1/ The Solubility in Trichloroethylene test according to AASHTO T 44 may be run in lieu of Ash Content and shall meet a minimum of 97.5 percent

The different grades are, in general, used for the following.

Grade	Use
SS-1, SS-1h, RS-1, RS-2, CSS-1, CRS-1, CRS-2, CSS-1h, HFE-90, SS-1hP, CSS-1hP, NTEA (formerly SS-1vh)	Tack Coat
PEP	Prime Coat
RS-2, HFE-90, HFE-150, HFE-300, CRS-2P (formerly CRSP), HFRS-2P (formerly HFP), CRS-2, HFRS-2	Bituminous Surface Treatment
CQS-1hP (formerly CSS-1h Latex Modified)	Micro-Surfacing Slurry Sealing Cape Seal”

PORTLAND CEMENT CONCRETE – HAUL TIME (BDE)

Effective: July 1, 2020

Revise Article 1020.11(a)(7) of the Standard Specifications to read:

"(7) Haul Time. Haul time shall begin when the delivery ticket is stamped. The delivery ticket shall be stamped no later than five minutes after the addition of the mixing water to the cement, or after the addition of the cement to the aggregate when the combined aggregates contain free moisture in excess of two percent by weight (mass). If more than one batch is required for charging a truck using a stationary mixer, the time of haul shall start with mixing of the first batch. Haul time shall end when the truck is emptied for incorporation of the concrete into the work. The maximum haul time shall be as follows.

Concrete Temperature at Point of Discharge, °F (°C)	Maximum Haul Time 1/ (minutes)	
	Truck Mixer or Truck Agitator	Nonagitator Truck
50 - 64 (10 - 17.5)	90	45
> 64 (> 17.5) - without retarder	60	30
> 64 (> 17.5) - with retarder	90	45

1/ To encourage start-up testing for mix adjustments at the plant, the first two trucks will be allowed an additional 15 minutes haul time whenever such testing is performed.

For a mixture which is not mixed on the jobsite, a delivery ticket shall be required for each load. The following information shall be recorded on each delivery ticket: (1) ticket number; (2) name of producer and plant location; (3) contract number; (4) name of Contractor; (5) stamped date and time batched; (6) truck number; (7) quantity batched; (8) amount of admixture(s) in the batch; (9) amount of water in the batch; and (10) Department mix design number.

For concrete mixed in jobsite stationary mixers, the above delivery ticket may be waived, but a method of verifying the haul time shall be established to the satisfaction of the Engineer."

80430

RECLAIMED ASPHALT PAVEMENT AND RECLAIMED ASPHALT SHINGLES (BDE)

Effective: November 1, 2012
Revised: January 1, 2021

Revise Section 1031 of the Standard Specifications to read:

"**SECTION 1031. RECLAIMED ASPHALT PAVEMENT AND RECLAIMED ASPHALT SHINGLES**

1031.01 Description. Reclaimed asphalt pavement and reclaimed asphalt shingles shall be according to the following.

(a) Reclaimed Asphalt Pavement (RAP). RAP is the material produced by cold milling or crushing an existing hot-mix asphalt (HMA) pavement. The Contractor shall supply written documentation that the RAP originated from routes or airfields under federal, state, or local agency jurisdiction.

(b) Reclaimed Asphalt Shingles (RAS). RAS is the material produced from the processing and grinding of preconsumer or post-consumer shingles. RAS shall be a clean and uniform material with a maximum of 0.5 percent unacceptable material by weight of RAS, as defined in the Bureau of Materials Policy Memorandum, "Reclaimed Asphalt Shingle (RAS) Sources". RAS shall come from a facility source on the Department's "Qualified Producer List of Certified Sources for Reclaimed Asphalt Shingles" where it shall be ground and processed to 100 percent passing the 3/8 in. (9.5 mm) sieve and 93 percent passing the #4 (4.75 mm) sieve based on a dry shake gradation. RAS shall be uniform in gradation and asphalt binder content and shall meet the testing requirements specified herein. In addition, RAS shall meet the following Type 1 or Type 2 requirements.

(1) Type 1. Type 1 RAS shall be processed, preconsumer asphalt shingles salvaged from the manufacture of residential asphalt roofing shingles.

(2) Type 2. Type 2 RAS shall be processed post-consumer shingles only, salvaged from residential, or four unit or less dwellings not subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP).

1031.02 Stockpiles. RAP and RAS stockpiles shall be according to the following.

(a) RAP Stockpiles. The Contractor shall construct individual, sealed RAP stockpiles meeting one of the following definitions. No additional RAP shall be added to the pile after the pile has been sealed. Stockpiles shall be sufficiently separated to prevent intermingling at the base. Stockpiles shall be identified by signs indicating the type as listed below (i.e. "Homogeneous Surface").

Prior to milling, the Contractor shall request the District provide documentation on the quality of the RAP to clarify the appropriate stockpile.

(1) Fractionated RAP (FRAP). FRAP shall consist of RAP from Class I, HMA (High and Low ESAL) mixtures. The coarse aggregate in FRAP shall be crushed aggregate and may represent more than one aggregate type and/or quality, but shall be at least C quality. FRAP shall be fractionated prior to testing by screening into a minimum of two size fractions with the separation occurring on or between the #4 (4.75 mm) and 1/2 in. (12.5 mm) sieves. Agglomerations shall be minimized such that 100 percent of the RAP shall pass the sieve size specified below for the mix into which the FRAP will be incorporated.

Mixture FRAP will be used in:	Sieve Size that 100 % of FRAP Shall Pass
IL-19.0	1 1/2 in. (37.5 mm)
SMA 12.5	1 in. (25.0 mm)
IL-9.5, IL-9.5FG, SMA 9.5	3/4 in. (19.0 mm)
IL-4.75	1/2 in. (12.5 mm)

(2) Homogeneous. Homogeneous RAP stockpiles shall consist of RAP from Class I, HMA (High and Low ESAL) mixtures and represent: 1) the same aggregate quality, but shall be at least C quality; 2) the same type of crushed aggregate (either crushed natural aggregate, ACBF slag, or steel slag); 3) similar gradation; and 4) similar asphalt binder content. If approved by the Engineer, combined single pass surface/binder millings may be considered “homogeneous” with a quality rating dictated by the lowest coarse aggregate quality present in the mixture.

(3) Conglomerate. Conglomerate RAP stockpiles shall consist of RAP from Class I, HMA (High and Low ESAL) mixtures. The coarse aggregate in this RAP shall be crushed aggregate and may represent more than one aggregate type and/or quality, but shall be at least C quality. This RAP may have an inconsistent gradation and/or asphalt binder content prior to processing. Conglomerate RAP shall be processed prior to testing by crushing to where all RAP shall pass the 5/8 in. (16 mm) or smaller screen. Conglomerate RAP stockpiles shall not contain steel slag.

(4) Non-Quality. RAP stockpiles that do not meet the requirements of the stockpile categories listed above shall be classified as “Non-Quality”.

RAP/FRAP containing contaminants, such as earth, brick, sand, concrete, sheet asphalt, bituminous surface treatment (i.e. chip seal), pavement fabric, joint sealants, etc., will be unacceptable unless the contaminants are removed to the satisfaction of the Engineer. Sheet asphalt shall be stockpiled separately.

(b) RAS Stockpiles. Type 1 and Type 2 RAS shall be stockpiled separately and shall not be intermingled. Each stockpile shall be signed indicating what type of RAS is present.

Unless otherwise specified by the Engineer, mechanically blending manufactured sand (FM 20 or FM 22) up to an equal weight of RAS with the processed RAS will be permitted

to improve workability. The sand shall be "B Quality" or better from an approved Aggregate Gradation Control System source. The sand shall be accounted for in the mix design and during HMA production.

Records identifying the shingle processing facility supplying the RAS, RAS type, and lot number shall be maintained by project contract number and kept for a minimum of three years.

1031.03 Testing. RAP/FRAP and RAS testing shall be according to the following.

(a) RAP/FRAP Testing. When used in HMA, the RAP/FRAP shall be sampled and tested either during or after stockpiling.

(1) During Stockpiling. For testing during stockpiling, washed extraction samples shall be run at the minimum frequency of one sample per 500 tons (450 metric tons) for the first 2000 tons (1800 metric tons) and one sample per 2000 tons (1800 metric tons) thereafter. A minimum of five tests shall be required for stockpiles less than 4000 tons (3600 metric tons).

(2) After Stockpiling. For testing after stockpiling, the Contractor shall submit a plan for approval to the District proposing a satisfactory method of sampling and testing the RAP/FRAP pile either in-situ or by restockpiling. The sampling plan shall meet the minimum frequency required above and detail the procedure used to obtain representative samples throughout the pile for testing.

Each sample shall be split to obtain two equal samples of test sample size. One of the two test samples from the final split shall be labeled and stored for Department use. The Contractor shall extract the other test sample according to Department procedure. The Engineer reserves the right to test any sample (split or Department-taken) to verify Contractor test results.

(b) RAS Testing. RAS or RAS blended with manufactured sand shall be sampled and tested during stockpiling according to the Bureau of Materials Policy Memorandum, "Reclaimed Asphalt Shingle (RAS) Source".

Samples shall be collected during stockpiling at the minimum frequency of one sample per 200 tons (180 metric tons) for the first 1000 tons (900 metric tons) and one sample per 250 tons (225 metric tons) thereafter. A minimum of five samples are required for stockpiles less than 1000 tons (900 metric tons). Once a ≤ 1000 ton (900 metric ton), five-sample/test stockpile has been established it shall be sealed. Additional incoming RAS or RAS blended with manufactured sand shall be stockpiled in a separate working pile as designated in the Quality Control plan and only added to the sealed stockpile when the test results of the working pile are complete and are found to meet the tolerances specified herein for the original sealed RAS stockpile.

Before testing, each sample shall be split to obtain two test samples. One of the two test samples from the final split shall be labeled and stored for Department use. The Contractor shall perform a washed extraction and test for unacceptable materials on the other test sample according to Department procedures. The Engineer reserves the right to test any sample (split or Department-taken) to verify Contractor test results.

If the sampling and testing was performed at the shingle processing facility in accordance with the QC Plan, the Contractor shall obtain and make available all of the test results from start of the initial stockpile.

1031.04 Evaluation of Tests. Evaluation of test results shall be according to the following.

(a) Evaluation of RAP/FRAP Test Results. All of the extraction results shall be compiled and averaged for asphalt binder content and gradation, and when applicable G_{mm}. Individual extraction test results, when compared to the averages, will be accepted if within the tolerances listed below.

Parameter	FRAP/Homogeneous/ Conglomerate
1 in. (25 mm)	
1/2 in. (12.5 mm)	± 8 %
No. 4 (4.75 mm)	± 6 %
No. 8 (2.36 mm)	± 5 %
No. 16 (1.18 mm)	
No. 30 (600 µm)	± 5 %
No. 200 (75 µm)	± 2.0 %
Asphalt Binder	± 0.4 % 1/
G_{mm}	± 0.03

1/ The tolerance for FRAP shall be ± 0.3 percent.

If more than 20 percent of the individual sieves and/or asphalt binder content tests are out of the above tolerances, the RAP/FRAP shall not be used in HMA unless the RAP/FRAP representing the failing tests is removed from the stockpile. All test data and acceptance ranges shall be sent to the District for evaluation.

With the approval of the Engineer, the ignition oven may be substituted for extractions according to the ITP, “Calibration of the Ignition Oven for the Purpose of Characterizing Reclaimed Asphalt Pavement (RAP)”.

(b) Evaluation of RAS and RAS Blended with Manufactured Sand Test Results. All of the test results, with the exception of percent unacceptable materials, shall be compiled and averaged for asphalt binder content and gradation. Individual test results, when compared to the averages, will be accepted if within the tolerances listed below.

Parameter	RAS
No. 8 (2.36 mm)	± 5 %
No. 16 (1.18 mm)	± 5 %
No. 30 (600 µm)	± 4 %
No. 200 (75 µm)	± 2.0 %
Asphalt Binder Content	± 1.5 %

If more than 20 percent of the individual sieves and/or asphalt binder content tests are out of the above tolerances, or if the percent unacceptable material exceeds 0.5 percent by weight of material retained on the # 4 (4.75 mm) sieve, the RAS or RAS blend shall not be used in Department projects. All test data and acceptance ranges shall be sent to the District for evaluation.

1031.05 Quality Designation of Aggregate in RAP/FRAP.

(a) RAP. The aggregate quality of the RAP for homogeneous and conglomerate stockpiles shall be set by the lowest quality of coarse aggregate in the RAP stockpile and are designated as follows.

(1) RAP from Class I, Superpave/HMA (High ESAL), or (Low ESAL) IL-9.5L surface mixtures are designated as containing Class B quality coarse aggregate.

(2) RAP from Class I binder, Superpave/HMA (High ESAL) binder, or (Low ESAL) IL-19.0L binder mixtures are designated as containing Class C quality coarse aggregate.

(b) FRAP. If the Engineer has documentation of the quality of the FRAP aggregate, the Contractor shall use the assigned quality provided by the Engineer.

If the quality is not known, the quality shall be determined as follows. Coarse and fine FRAP stockpiles containing plus #4 (4.75 mm) sieve coarse aggregate shall have a maximum tonnage of 5000 tons (4500 metric tons). The Contractor shall obtain a representative sample witnessed by the Engineer. The sample shall be a minimum of 50 lb (25 kg). The sample shall be extracted according to Illinois Modified AASHTO T 164 by a consultant laboratory prequalified by the Department for the specified testing. The consultant laboratory shall submit the test results along with the recovered aggregate to the District Office. The cost for this testing shall be paid by the Contractor. The District will forward the sample to the Central Bureau of Materials Aggregate Lab for MicroDeval Testing, according to ITP 327. A maximum loss of 15.0 percent will be applied for all HMA applications.

1031.06 Use of RAP/FRAP and/or RAS in HMA. The use of RAP/FRAP and/or RAS shall be the Contractor's option when constructing HMA in all contracts.

(a) RAP/FRAP. The use of RAP/FRAP in HMA shall be as follows.

(1) Coarse Aggregate Size. The coarse aggregate in all RAP shall be equal to or less than the nominal maximum size requirement for the HMA mixture to be produced.

(2) Steel Slag Stockpiles. Homogeneous RAP stockpiles containing steel slag will be approved for use in all HMA (High ESAL and Low ESAL) Surface and Binder Mixture applications.

(3) Use in HMA Surface Mixtures (High and Low ESAL). RAP/FRAP stockpiles for use in HMA surface mixtures (High and Low ESAL) shall be FRAP or homogeneous in which the coarse aggregate is Class B quality or better. FRAP from Conglomerate stockpiles shall be considered equivalent to limestone for frictional considerations. Known frictional contributions from plus #4 (4.75 mm) homogeneous FRAP stockpiles will be accounted for in meeting frictional requirements in the specified mixture.

(4) Use in HMA Binder Mixtures (High and Low ESAL), HMA Base Course, and HMA Base Course Widening. RAP/FRAP stockpiles for use in HMA binder mixtures (High and Low ESAL), HMA base course, and HMA base course widening shall be FRAP, homogeneous, or conglomerate, in which the coarse aggregate is Class C quality or better.

(5) Use in Shoulders and Subbase. RAP/FRAP stockpiles for use in HMA shoulders and stabilized subbase (HMA) shall be FRAP, homogeneous, or conglomerate.

(6) When the Contractor chooses the RAP option, the percentage of RAP shall not exceed the amounts indicated in Article 1031.06(c)(1) below for a given Ndesign.

(b) RAS. RAS meeting Type 1 or Type 2 requirements will be permitted in all HMA applications as specified herein.

(c) RAP/FRAP and/or RAS Usage Limits. Type 1 or Type 2 RAS may be used alone or in conjunction with RAP or FRAP in HMA mixtures up to a maximum of 5.0 percent by weight of the total mix.

(1) RAP/RAS. When RAP is used alone or RAP is used in conjunction with RAS, the percentage of virgin asphalt binder replacement (ABR) shall not exceed the amounts listed in the following table.

HMA Mixtures - RAP/RAS Maximum ABR % [1/ 2/]			
Ndesign	Binder	Surface	Polymer Modified Binder or Surface
30	30	30	10
50	25	15	10
70	15	10	10

90	10	10	10

1/ For Low ESAL HMA shoulder and stabilized subbase, the RAP/RAS ABR shall not exceed 50 percent of the mixture.

2/ When RAP/RAS ABR exceeds 20 percent, the high and low virgin asphalt binder grades shall each be reduced by one grade (i.e. 25 percent ABR would require a virgin asphalt binder grade of PG 64-22 to be reduced to a PG 58-28). If warm mix asphalt (WMA) technology is utilized and production temperatures do not exceed 275 °F (135 °C), the high and low virgin asphalt binder grades shall each be reduced by one grade when RAP/RAS ABR exceeds 25 percent (i.e. 26 percent RAP/RAS ABR would require a virgin asphalt binder grade of PG 64-22 to be reduced to a PG 58-28).

(2) FRAP/RAS. When FRAP is used alone or FRAP is used in conjunction with RAS, the percentage of virgin asphalt binder replacement shall not exceed the amounts listed in the following table.

HMA Mixtures - FRAP/RAS Maximum ABR % 1/ 2/			
Ndesign	Binder	Surface	Polymer Modified Binder or Surface
30	55	45	15
50	45	40	15
70	45	35	15
90	45	35	15
SMA	- -	- -	25
IL-4.75	- -	- -	35

1/ For Low ESAL HMA shoulder and stabilized subbase, the FRAP/RAS ABR shall not exceed 50 percent of the mixture.

2/ When FRAP/RAS ABR exceeds 20 percent for all mixes, the high and low virgin asphalt binder grades shall each be reduced by one grade (i.e. 25 percent ABR would require a virgin asphalt binder grade of PG 64-22 to be reduced to a PG 58-28). If warm mix asphalt (WMA) technology is utilized and production temperatures do not exceed 275 °F (135 °C), the high and low virgin asphalt binder grades shall each be reduced by one grade when FRAP/RAS ABR exceeds 25 percent (i.e. 26 percent ABR would require a virgin asphalt binder grade of PG 64-22 to be reduced to a PG 58-28).

1031.07 HMA Mix Designs. At the Contractor's option, HMA mixtures may be constructed utilizing RAP/FRAP and/or RAS material meeting the detailed requirements specified herein.

(a) RAP/FRAP and/or RAS. RAP/FRAP and/or RAS mix designs shall be submitted for verification. If additional RAP/FRAP and/or RAS stockpiles are tested and found that no more than 20 percent of the results, as defined under "Testing" herein, are outside of the control tolerances set for the original RAP/FRAP and/or RAS stockpile and HMA mix design, and meets all of the requirements herein, the additional RAP/FRAP and/or RAS stockpiles may be used in the original mix design at the percent previously verified.

(b) RAS. Type 1 and Type 2 RAS are not interchangeable in a mix design.

The RAP, FRAP, and RAS stone bulk specific gravities (G_{sb}) shall be according to the "Determination of Aggregate Bulk (Dry) Specific Gravity (G_{sb}) of Reclaimed Asphalt Pavement (RAP) and Reclaimed Asphalt Shingles (RAS)" procedure in the Department's Manual of Test Procedures for Materials.

1031.08 HMA Production. HMA production utilizing RAP/FRAP and/or RAS shall be as follows.

(a) RAP/FRAP. The coarse aggregate in all RAP/FRAP used shall be equal to or less than the nominal maximum size requirement for the HMA mixture being produced.

To remove or reduce agglomerated material, a scalping screen, gator, crushing unit, or comparable sizing device approved by the Engineer shall be used in the RAP feed system to remove or reduce oversized material.

If the RAP/FRAP control tolerances or QC/QA test results require corrective action, the Contractor shall cease production of the mixture containing RAP/FRAP and either switch to the virgin aggregate design or submit a new RAP/FRAP design.

(b) RAS. RAS shall be incorporated into the HMA mixture either by a separate weight depletion system or by using the RAP weigh belt. Either feed system shall be interlocked with the aggregate feed or weigh system to maintain correct proportions for all rates of production and batch sizes. The portion of RAS shall be controlled accurately to within ± 0.5 percent of the amount of RAS utilized. When using the weight depletion system, flow indicators or sensing devices shall be provided and interlocked with the plant controls such that the mixture production is halted when RAS flow is interrupted.

(c) RAP/FRAP and/or RAS. HMA plants utilizing RAP/FRAP and/or RAS shall be capable of automatically recording and printing the following information.

(1) Dryer Drum Plants.

a. Date, month, year, and time to the nearest minute for each print.

b. HMA mix number assigned by the Department.

c. Accumulated weight of dry aggregate (combined or individual) in tons (metric tons) to the nearest 0.1 ton (0.1 metric ton).

d. Accumulated dry weight of RAP/FRAP/RAS in tons (metric tons) to the nearest 0.1 ton (0.1 metric ton).

e. Accumulated mineral filler in revolutions, tons (metric tons), etc. to the nearest 0.1 unit.

f. Accumulated asphalt binder in gallons (liters), tons (metric tons), etc. to the nearest 0.1 unit.

g. Residual asphalt binder in the RAP/FRAP/RAS material as a percent of the total mix to the nearest 0.1 percent.

h. Aggregate and RAP/FRAP/RAS moisture compensators in percent as set on the control panel. (Required when accumulated or individual aggregate and RAP/FRAP/RAS are recorded in a wet condition.)

(2) Batch Plants.

a. Date, month, year, and time to the nearest minute for each print.

b. HMA mix number assigned by the Department.

c. Individual virgin aggregate hot bin batch weights to the nearest pound (kilogram).

d. Mineral filler weight to the nearest pound (kilogram).

e. RAP/FRAP/RAS weight to the nearest pound (kilogram).

f. Virgin asphalt binder weight to the nearest pound (kilogram).

g. Residual asphalt binder in the RAP/FRAP/RAS material as a percent of the total mix to the nearest 0.1 percent.

The printouts shall be maintained in a file at the plant for a minimum of one year or as directed by the Engineer and shall be made available upon request. The printing system will be inspected by the Engineer prior to production and verified at the beginning of each construction season thereafter.

1031.09 RAP in Aggregate Surface Course and Aggregate Wedge Shoulders, Type B. The use of RAP in aggregate surface course (temporary access entrances only) and aggregate wedge shoulders, Type B shall be as follows.

(a) Stockpiles and Testing. RAP stockpiles may be any of those listed in Article 1031.02, except “Non-Quality” and “FRAP”. The testing requirements of Article 1031.03 shall not apply. RAP used shall be according to the Bureau of Materials Policy Memorandum, “Reclaimed Asphalt Pavement (RAP) for Aggregate Applications”.

(b) Gradation. One hundred percent of the RAP material shall pass the 1 1/2 in. (37.5 mm) sieve. The RAP material shall be reasonably well graded from coarse to fine. RAP material that is gap-graded or single sized will not be accepted.”

80306

REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES (BDE)

Effective: January 1, 2019
Revised: January 1, 2020

Revise Section 669 of the Standard Specifications to read:

"**SECTION 669. REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES**

669.01 Description. This work shall consist of the transportation and proper disposal of regulated substances. This work shall also consist of the removal, transportation, and proper disposal of underground storage tanks (UST), their contents and associated underground piping to the point where the piping is above the ground, including determining the content types and estimated quantities.

669.02 Equipment. The Contractor shall notify the Engineer of the delivery of all excavation, storage, and transportation equipment to a work area location. The equipment shall comply with OSHA and American Petroleum Institute (API) guidelines and shall be furnished in a clean condition. Clean condition means the equipment does not contain any residual material classified as a non-special waste, non-hazardous special waste, or hazardous waste. Residual materials include, but are not limited to, petroleum products, chemical products, sludges, or any other material present in or on equipment.

Before beginning any associated soil or groundwater management activity, the Contractor shall provide the Engineer with the opportunity to visually inspect and approve the equipment. If the equipment contains any contaminated residual material, decontamination shall be performed on the equipment as appropriate to the regulated substance and degree of contamination present according to OSHA and API guidelines. All cleaning fluids used shall be treated as the contaminant unless laboratory testing proves otherwise.

669.03 Pre-Construction Submittals and Qualifications. Prior to beginning this work, or working in areas with regulated substances, the Contractor shall submit a "Regulated Substances Pre-Construction Plan (RSPCP)" to the Engineer for review and approval using form BDE 2730. The form shall be signed by an Illinois licensed Professional Engineer or Professional Geologist.

As part of the RSPCP, the Contractor(s) or firm(s) performing the work shall meet the following qualifications.

(a) Regulated Substances Monitoring. Qualification for environmental observation and field screening of regulated substances work and environmental observation of UST removal shall require either pre-qualification in Hazardous Waste by the Department or demonstration of acceptable project experience in remediation and operations for contaminated sites in accordance with applicable Federal, State, or local regulatory requirements using BDE 2730.

Qualification for each individual performing regulated substances monitoring shall require a minimum of one-year of experience in similar activities as those required for the project.

(b) Underground Storage Tank Removal. Qualification for underground storage tank (UST) removal work shall require licensing and certification with the Office of the State Fire Marshall (OSFM) and possession of all permits required to perform the work. A copy of the permit shall be provided to the Engineer prior to tank removal.

The qualified Contractor(s) or firm(s) shall also document it does not have any current or former ties with any of the properties contained within, adjoining, or potentially affecting the work.

The Engineer will require up to 21 calendar days for review of the RSPCP. The review may involve rejection or revision and resubmittal; in which case, an additional 21 days will be required for each subsequent review. Work shall not commence until the RSPCP has been approved by the Engineer. After approval, the RSPCP shall be revised as necessary to reflect changed conditions in the field and documented using BDE 2730A "Regulated Substances Pre-Construction Plan (RSPCP) Addendum" and submitted to the Engineer for approval.

CONSTRUCTION REQUIREMENTS

669.04 Regulated Substances Monitoring. Regulated substances monitoring includes environmental observation and field screening during regulated substances management activities at the contract specific work areas. As part of the regulated substances monitoring, the monitoring personnel shall perform and document the applicable duties listed on form BDE 2732 "Regulated Substances Monitoring Daily Record (RSMDR)".

(a) Environmental Observation. Prior to beginning excavation, the Contractor shall mark the limits of the contract specific work areas. Once work begins, the monitoring personnel shall be present on-site continuously during the excavation and loading of material.

(b) Field Screening. Field screening shall be performed during the excavation and loading of material from the contract specific work areas, except for material classified according to Article 669.05(b)(1) or 669.05(c) where field screening is not required.

Field screening shall be performed with either a photoionization detector (PID) (minimum 10.6eV lamp) or a flame ionization detector (FID), and other equipment as appropriate, to monitor for potential contaminants associated with regulated substances. The PID or FID shall be calibrated on-site, and background level readings taken and recorded daily, and as field and weather conditions change. Field screen readings on the PID or FID in excess of background levels indicates the potential presence of regulated substances requiring handling as a non-special waste, special waste, or hazardous waste. PID or FID readings may be used as the basis of increasing the limits of removal with the approval of the Engineer but shall in no case be used to decrease the limits.

669.05 Regulated Substances Management and Disposal. The management and disposal of soil and/or groundwater containing regulated substances shall be according to the following:

(a) Soil Analytical Results Exceed Most Stringent MAC. When the soil analytical results indicate detected levels exceed the most stringent maximum allowable concentration (MAC) for chemical constituents in soil established pursuant to Subpart F of 35 Ill. Adm. Code 1100.605, the soil shall be managed as follows:

(1) When analytical results indicate inorganic chemical constituents exceed the most stringent MAC, but still considered within area background levels by the Engineer, the excavated soil can be utilized within the right-of-way as embankment or fill, when suitable. If the soils cannot be utilized within the right-of-way, they shall be managed and disposed of at a landfill as a non-special waste.

(2) When analytical results indicate inorganic chemical constituents exceed the most stringent MAC but do not exceed the MAC for a Metropolitan Statistical Area (MSA) County identified in 35 Ill. Admin. Code 742 Appendix A. Table G, the excavated soil can be utilized within the right-of-way as embankment or fill, when suitable, or managed and disposed of at a clean construction and demolition debris (CCDD) facility or an uncontaminated soil fill operation (USFO) within an MSA County provided the pH of the soil is within the range of 6.25 - 9.0, inclusive.

(3) When analytical results indicate chemical constituents exceed the most stringent MAC but do not exceed the MAC for an MSA County excluding Chicago, or the MAC within the Chicago corporate limits, the excavated soil can be utilized within the right-of-way as embankment or fill, when suitable, or managed and disposed of off-site at a CCDD facility or an USFO within an MSA County excluding Chicago or within the Chicago corporate limits provided the pH of the soil is within the range of 6.25 - 9.0, inclusive.

(4) When analytical results indicate chemical constituents exceed the most stringent MAC but do not exceed the MAC for an MSA County excluding Chicago, the excavated soil can be utilized within the right-of-way as embankment or fill, when suitable, or managed and disposed of off-site at a CCDD facility or an USFO within an MSA County excluding Chicago provided the pH of the soil is within the range of 6.25 - 9.0, inclusive.

(5) When the Engineer determines soil cannot be managed according to Articles 669.05(a)(1) through (a)(4) above and the materials do not contain special waste or hazardous waste, as determined by the Engineer, the soil shall be managed and disposed of at a landfill as a non-special waste.

(6) When analytical results indicate soil is hazardous by characteristic or listing pursuant to 35 Ill. Admin. Code 721, contains radiological constituents, or the Engineer otherwise determines the soil cannot be managed according to Articles 669.05(a)(1)

through (a)(5) above, the soil shall be managed and disposed of off-site as a special waste or hazardous waste as applicable.

(b) Soil Analytical Results Do Not Exceed Most Stringent MAC. When the soil analytical results indicate that detected levels do not exceed the most stringent MAC, the excavated soil can be utilized within the right-of-way as embankment or fill, when suitable, or managed and disposed of off-site according to Article 202.03. However, the excavated soil cannot be taken to a CCDD facility or an USFO for any of the following reasons.

(1) The pH of the soil is less than 6.25 or greater than 9.0.

(2) The soil exhibited PID or FID readings in excess of background levels.

(c) Soil Analytical Results Exceed Most Stringent MAC but Do Not Exceed Tiered Approach to Corrective Action Objectives (TACO) Residential. When the soil analytical results indicate that detected levels exceed the most stringent MAC but do not exceed TACO Tier 1 Soil Remediation Objectives for Residential Properties pursuant to 35 Ill. Admin. Code 742 Appendix B Table A, the excavated soil can be utilized within the right-of-way as embankment or fill, when suitable, or managed and disposed of off-site according to Article 202.03. However, the excavated soil cannot be taken to a CCDD facility or an USFO.

(d) Groundwater. When groundwater analytical results indicate the detected levels are above Appendix B, Table E of 35 Ill. Admin. Code 742, the most stringent Tier 1 Groundwater Remediation Objectives for Groundwater Component of the Groundwater Ingestion Route for Class 1 groundwater, the groundwater shall be managed off-site as a special waste or hazardous waste as applicable. Special waste groundwater shall be containerized and trucked to an off-site treatment facility, or may be discharged to a sanitary sewer or combined sewer when permitted by the local sewer authority. Groundwater discharged to a sanitary sewer or combined sewer shall be pre-treated to remove particulates and measured with a calibrated flow meter to comply with applicable discharge limits. A copy of the permit shall be provided to the Engineer prior to discharging groundwater to the sanitary sewer or combined sewer.

Groundwater encountered within trenches may be managed within the trench and allowed to infiltrate back into the ground. If the groundwater cannot be managed within the trench, it may be discharged to a sanitary sewer or combined sewer when permitted by the local sewer authority, or it shall be containerized and trucked to an off-site treatment facility as a special waste or hazardous waste. The Contractor is prohibited from discharging groundwater within the trench through a storm sewer. The Contractor shall install backfill plugs within the area of groundwater contamination.

One backfill plug shall be placed down gradient to the area of groundwater contamination. Backfill plugs shall be installed at intervals not to exceed 50 ft (15 m). Backfill plugs are to be 4 ft (1.2 m) long, measured parallel to the trench, full trench width and depth. Backfill plugs shall not have any fine aggregate bedding or backfill, but shall be entirely cohesive

soil or any class of concrete. The Contractor shall provide test data that the material has a permeability of less than 10^{-7} cm/sec according to ASTM D 5084, Method A or per another test method approved by the Engineer.

The Contractor shall use due care when transferring contaminated material from the area of origin to the transporter. Should releases of contaminated material to the environment occur (i.e., spillage onto the ground, etc.), the Contractor shall clean-up spilled material and place in the appropriate storage containers as previously specified. Clean-up shall include, but not be limited to, sampling beneath the material staging area to determine complete removal of the spilled material.

The Contractor shall provide engineered barriers, when required, and shall include materials sufficient to completely line excavation surfaces, including sloped surfaces, bottoms, and sidewall faces, within the areas designated for protection.

The Contractor shall obtain all documentation including any permits and/or licenses required to transport the material containing regulated substances to the disposal facility. The Contractor shall coordinate with the Engineer on the completion of all documentation. The Contractor shall make all arrangements for collection and analysis of landfill acceptance testing. The Contractor shall coordinate waste disposal approvals with the disposal facility.

The Contractor shall provide the Engineer with all transport-related documentation within two days of transport or receipt of said document(s). For management of special or hazardous waste, the Contractor shall provide the Engineer with documentation that the Contractor is operating with a valid Illinois special waste transporter permit at least two weeks before transporting the first load of contaminated material.

Transportation and disposal of material classified according to Article 669.05(a)(5) or 669.05(a)(6) shall be completed each day so that none of the material remains on-site by the close of business, except when temporary staging has been approved.

Any waste generated as a special or hazardous waste from a non-fixed facility shall be manifested off-site using the Department's county generator number provided by the Bureau of Design and Environment. An authorized representative of the Department shall sign all manifests for the disposal of the contaminated material and confirm the Contractor's transported volume. Any waste generated as a non-special waste may be managed off-site without a manifest, a special waste transporter, or a generator number.

The Contractor shall select a landfill permitted for disposal of the contaminant within the State of Illinois. The Department will review and approve or reject the facility proposed by the Contractor to use as a landfill. The Contractor shall verify whether the selected disposal facility is compliant with those applicable standards as mandated by their permit and whether the disposal facility is presently, has previously been, or has never been, on the United States Environmental Protection Agency (U.S. EPA) National Priorities List or the Resource Conservation and Recovery Act (RCRA) List of Violating Facilities. The use of a Contractor selected landfill shall in no manner delay the construction schedule or alter the Contractor's responsibilities as set forth.

669.06 Non-Special Waste Certification. An authorized representative of the Department shall sign and date all non-special waste certifications. The Contractor shall be responsible for providing the Engineer with the required information that will allow the Engineer to certify the waste is not a special waste.

(a) Definition. A waste is considered a non-special waste as long as it is not:

(1) a potentially infectious medical waste;

(2) a hazardous waste as defined in 35 Ill. Admin. Code 721;

(3) an industrial process waste or pollution control waste that contains liquids, as determined using the paint filter test set forth in subdivision (3)(A) of subsection (m) of 35 Ill. Admin. Code 811.107;

(4) a regulated asbestos-containing waste material, as defined under the National Emission Standards for Hazardous Air Pollutants in 40 CFR Part 61.141;

(5) a material containing polychlorinated biphenyls (PCB's) regulated pursuant to 40 CFR Part 761;

(6) a material subject to the waste analysis and recordkeeping requirements of 35 Ill. Admin. Code 728.107 under land disposal restrictions of 35 Ill. Admin. Code 728;

(7) a waste material generated by processing recyclable metals by shredding and required to be managed as a special waste under Section 22.29 of the Environmental Protection Act; or

(8) an empty portable device or container in which a special or hazardous waste has been stored, transported, treated, disposed of, or otherwise handled.

(b) Certification Information. All information used to determine the waste is not a special waste shall be attached to the certification. The information shall include but not be limited to:

(1) the means by which the generator has determined the waste is not a hazardous waste;

(2) the means by which the generator has determined the waste is not a liquid;

(3) if the waste undergoes testing, the analytic results obtained from testing, signed and dated by the person responsible for completing the analysis;

(4) if the waste does not undergo testing, an explanation as to why no testing is needed;

(5) a description of the process generating the waste; and

(6) relevant material safety data sheets.

669.07 Temporary Staging. Soil classified according to Articles 669.05(a)(2), (b)(1), or (c) may be temporarily staged at the Contractor's option. Soil classified according to Articles 669.05(a)(1), (a)(3), (a)(4), (a)(5), (a)(6), or (b)(2) shall be managed and disposed of without temporary staging to the greatest extent practicable. If circumstances beyond the Contractor's control require temporary staging of these latter materials, the Contractor shall request approval from the Engineer in writing.

Temporary staging shall be accomplished within the right-of-way and the Contractor's means and methods shall be described in the approved or amended RSPCP. Staging areas shall not be located within 200 feet (61 m) of a public or private water supply well; nor within 100 feet (30 m) of sensitive environmental receptor areas, including wetlands, rivers, streams, lakes, or designated habitat zones.

The method of staging shall consist of containerization or stockpiling as applicable for the type, classification, and physical state (i.e., liquid, solid, semisolid) of the material. Materials of different classifications shall be staged separately with no mixing or co-mingling.

When containers are used, the containers and their contents shall remain intact and inaccessible to unauthorized persons until the manner of disposal is determined. The Contractor shall be responsible for all activities associated with the storage containers including, but not limited to, the procurement, transport, and labeling of the containers. The Contractor shall not use a storage container if visual inspection of the container reveals the presence of free liquids or other substances that could cause the waste to be reclassified as a hazardous or special waste.

When stockpiles are used, they shall be covered with a minimum 20-mil plastic sheeting or tarps secured using weights or tie-downs. Perimeter berms or diversionary trenches shall be provided to contain and collect for disposal any water that drains from the soil. Stockpiles shall be managed to prevent or reduce potential dust generation.

When staging non-special waste, special waste, or hazardous waste, the following additional requirements shall apply:

(a) Non-Special Waste. When stockpiling soil classified according to Article 669.05(a)(1) or 669.05(a)(5), an impermeable surface barrier between the materials and the ground surface shall be installed. The impermeable barrier shall consist of a minimum 20-mil plastic liner material and the surface of the stockpile area shall be clean and free of debris prior to placement of the liner. Measures shall also be taken to limit or discourage access to the staging area.

(b) Special Waste and Hazardous Waste. Soil classified according to Article 669.05(a)(6) shall not be stockpiled but shall be containerized immediately upon generation in containers, tanks or containment buildings as defined by RCRA, Toxic Substances Control

Act (TSCA), and other applicable State or local regulations and requirements, including 35 Ill. Admin. Code Part 722, Standards Applicable to Generators of Hazardous Waste.

The staging area(s) shall be enclosed (by a fence or other structure) to restrict direct access to the area, and all required regulatory identification signs applicable to a staging area containing special waste or hazardous waste shall be deployed.

Storage containers shall be placed on an all-weather gravel-packed, asphalt, or concrete surface. Containers shall be in good condition and free of leaks, large dents, or severe rusting, which may compromise containment integrity. Containers must be constructed of, or lined with, materials that will not react or be otherwise incompatible with the hazardous or special waste contents. Containers used to store liquids shall not be filled more than 80 percent of the rated capacity. Incompatible wastes shall not be placed in the same container or comingled.

All containers shall be legibly labeled and marked using pre-printed labels and permanent marker in accordance with applicable regulations, clearly showing the date of waste generation, location and/or area of waste generation, and type of waste. The Contractor shall place these identifying markings on an exterior side surface of the container.

Storage containers shall be kept closed, and storage pads covered, except when access is needed by authorized personnel.

Special waste and hazardous waste shall be transported and disposed within 90 days from the date of generation.

669.08 Underground Storage Tank Removal. For the purposes of this section, an underground storage tank (UST) includes the underground storage tank, piping, electrical controls, pump island, vent pipes and appurtenances.

Prior to removing an UST, the Engineer shall determine whether the Department is considered an "owner" or "operator" of the UST as defined by the UST regulations (41 Ill. Adm. Code Part 176). Ownership of the UST refers to the Department's owning title to the UST during storage, use or dispensing of regulated substances. The Department may be considered an "operator" of the UST if it has control of, or has responsibility for, the daily operation of the UST. The Department may however voluntarily undertake actions to remove an UST from the ground without being deemed an "operator" of the UST.

In the event the Department is deemed not to be the "owner" or "operator" of the UST, the OSFM removal permit shall reflect who was the past "owner" or "operator" of the UST. If the "owner" or "operator" cannot be determined from past UST registration documents from OSFM, then the OSFM removal permit will state the "owner" or "operator" of the UST is the Department. The Department’s Office of Chief Counsel (OCC) will review all UST removal permits prior to submitting any removal permit to the OSFM. If the Department is not the “owner” or “operator” of the UST then it will not register the UST or pay any registration fee.

The Contractor shall be responsible for obtaining permits required for removing the UST, notification to the OSFM, using an OSFM certified tank contractor, removal and disposal of the UST and its contents, and preparation and submittal of the OSFM Site Assessment Report in accordance with 41 Ill. Admin. Code Part 176.330.

The Contractor shall contact the Engineer and the OSFM's office at least 72 hours prior to removal to confirm the OSFM inspector's presence during the UST removal. Removal, transport, and disposal of the UST shall be according to the applicable portions of the latest revision of the "American Petroleum Institute (API) Recommended Practice 1604".

The Contractor shall collect and analyze tank content (sludge) for disposal purposes. The Contractor shall remove as much of the regulated substance from the UST system as necessary to prevent further release into the environment. All contents within the tank shall be removed, transported and disposed of, or recycled. The tank shall be removed and rendered empty according to IEPA definition.

The Contractor shall collect soil samples from the bottom and sidewalls of the excavated area in accordance with 35 Ill. Admin. Code Part 734.210(h) after the required backfill has been removed during the initial response action, to determine the level of contamination remaining in the ground, regardless if a release is confirmed or not by the OSFM on-site inspector.

In the event the UST is designated a leaking underground storage tank (LUST) by the OSFM's inspector, or confirmation by analytical results, the Contractor shall notify the Engineer and the District Environmental Studies Unit (DESU). Upon confirmation of a release of contaminants and notifications to the Engineer and DESU, the Contractor shall report the release to the Illinois Emergency Management Agency (IEMA) (e.g., by telephone or electronic mail) and provide them with whatever information is available ("owner" or "operator" shall be stated as the past registered "owner" or "operator", or the IDOT District in which the tank is located and the DESU Manager).

The Contractor shall perform the following initial response actions if a release is indicated by the OSFM inspector:

(a) Take immediate action to prevent any further release of the regulated substance to the environment, which may include removing, at the Engineer's discretion, and disposing of up to 4 ft (1.2 m) of the contaminated material, as measured from the outside dimension of the tank;

(b) Identify and mitigate fire, explosion and vapor hazards;

(c) Visually inspect any above ground releases or exposed below ground releases and prevent further migration of the released substance into surrounding soils and groundwater; and

(d) Continue to monitor and mitigate any additional fire and safety hazards posed by vapors and free product that have migrated from the tank excavation zone and entered into subsurface structures (such as sewers or basements).

The tank excavation shall be backfilled according to applicable portions of Sections 205, 208, and 550 with a material that will compact and develop stability. All uncontaminated concrete and soil removed during tank extraction may be used to backfill the excavation, at the discretion of the Engineer.

After backfilling the excavation, the site shall be graded and cleaned.

669.09 Regulated Substances Final Construction Report. Not later than 90 days after completing this work, the Contractor shall submit a "Regulated Substances Final Construction Report (RSFCR)" to the Engineer using form BDE 2733 and required attachments. The form shall be signed by an Illinois licensed Professional Engineer or Professional Geologist.

669.10 Method of Measurement. Non-special waste, special waste, and hazardous waste soil will be measured for payment according to Article 202.07(b) when performing earth excavation, Article 502.12(b) when excavating for structures, or by computing the volume of the trench using the maximum trench width permitted and the actual depth of the trench.

Groundwater containerized and transported off-site for management, storage, and disposal will be measured for payment in gallons (liters).

Backfill plugs will be measured in cubic yards (cubic meters) in place, except the quantity for which payment will be made shall not exceed the volume of the trench, as computed by using the maximum width of trench permitted by the Specifications and the actual depth of the trench, with a deduction for the volume of the pipe.

Engineered Barriers will be measured for payment in square yards (square meters).

669.11 Basis of Payment. The work of preparing, submitting and administering a Regulated Substances Pre-Construction Plan will be paid for at the contract lump sum price for REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN.

Regulated substances monitoring, including completion of form BDE 2732 for each day of work, will be paid for at the contract unit price per calendar day, or fraction thereof to the nearest 0.5 calendar day, for REGULATED SUBSTANCES MONITORING.

The installation of engineered barriers will be paid for at the contract unit price per square yard (square meter) for ENGINEERED BARRIER.

The work of UST removal, soil excavation, soil and content sampling, the management of excavated soil and UST content, and UST disposal, will be paid for at the contract unit price per each for UNDERGROUND STORAGE TANK REMOVAL.

The transportation and disposal of soil and other materials from an excavation determined to be contaminated will be paid for at the contract unit price per cubic yard (cubic meter) for

NON-SPECIAL WASTE DISPOSAL, SPECIAL WASTE DISPOSAL, or HAZARDOUS WASTE DISPOSAL.

The transportation and disposal of groundwater from an excavation determined to be contaminated will be paid for at the contract unit price per gallon (liter) for SPECIAL WASTE GROUNDWATER DISPOSAL or HAZARDOUS WASTE GROUNDWATER DISPOSAL. When groundwater is discharged to a sanitary or combined sewer by permit, the cost will be paid for according to Article 109.05.

Backfill plugs will be paid for at the contract unit price per cubic yard (cubic meter) for BACKFILL PLUGS.

Payment for temporary staging of soil classified according to Articles 669.05(a)(1), (a)(3), (a)(4), (a)(5), (a)(6), or (b)(2) will be paid for according to Article 109.04. The Department will not be responsible for any additional costs incurred, if mismanagement of the staging area, storage containers, or their contents by the Contractor results in excess cost expenditure for disposal or other material management requirements.

Payment for accumulated stormwater removal and disposal will be according to Article 109.04. Payment will only be allowed if appropriate stormwater and erosion control methods were used.

Payment for decontamination, labor, material, and equipment for monitoring areas beyond the specified areas, with the Engineer's prior written approval, will be according to Article 109.04.

When the waste material for disposal requires sampling for landfill disposal acceptance, the samples shall be analyzed for TCLP VOCs, SVOCs, RCRA metals, pH, ignitability, and paint filter test. The analysis will be paid for at the contract unit price per each for SOIL DISPOSAL ANALYSIS using EPA Methods 1311 (extraction), 8260B for VOCs, 8270C for SVOCs, 6010B and 7470A for RCRA metals, 9045C for pH, 1030 for ignitability, and 9095A for paint filter.

The work of preparing, submitting and administering a Regulated Substances Final Construction Report will be paid for at the contract lump sum price REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT."

80407

SILT FENCE, INLET FILTERS, GROUND STABILIZATION AND RIPRAP FILTER FABRIC (BDE)

Effective: November 1, 2019
Revised: April 1, 2020

Revise Article 280.02(m) and add Article 280.02(n) so the Standard Specifications read:

"(m) Above Grade Inlet Filter (Fitted)..... 1081.15(j)
(n) Above Grade Inlet Filter (Non-Fitted).....1081.15(k)"

Revise the last sentence of the first paragraph in Article 280.04(c) of the Standard Specifications to read:

"The protection shall be constructed with hay or straw bales, silt filter fence, above grade inlet filters (fitted and non-fitted), or inlet filters.

Revise the first sentence of the second paragraph in Article 280.04(c) of the Standard Specifications to read:

"When above grade inlet filters (fitted and non-fitted) are specified, they shall be of sufficient size to completely span and enclose the inlet structure."

Revise Article 1080.02 of the Standard Specifications to read:

"**1080.02 Geotextile Fabric.** The fabric for silt filter fence shall consist of woven fabric meeting the requirements of AASHTO M 288 for unsupported silt fence.

The fabric for ground stabilization shall consist of woven yarns or nonwoven filaments of polyolefins or polyesters. Woven fabrics shall be Class 2 and nonwoven fabrics shall be Class 1 according to AASHTO M 288.

The physical properties for silt fence and ground stabilization fabrics shall be according to the following.

PHYSICAL PROPERTIES			
	Silt Fence Woven [1/]	Ground Stabilization Woven [2/]	Ground Stabilization Nonwoven [2/]
Grab Strength, lb (N) [3/] ASTM D 4632	123 (550) MD 101 (450) XD	247 (1100) min. [4/]	202 (900) min. [4/]
Elongation/Grab Strain, % ASTM D 4632 [4/]	49 max.	49 max.	50 min.
Trapezoidal Tear Strength, lb (N) ASTM D 4533 [4/]	--	90 (400) min.	79 (350) min.

Puncture Strength, lb (N) ASTM D 6241 [4/]	--	494 (2200) min.	433 (1925) min.
Apparent Opening Size, Sieve No. (mm) ASTM D 4751 [5/]	30 (0.60) max.	40 (0.43) max.	40 (0.43) max.
Permittivity, sec^{-1} ASTM D 4491	0.05 min.		
Ultraviolet Stability, % retained strength after 500 hours of exposure ASTM D 4355	70 min.	50 min.	50 min.

1/ NTPEP results or manufacturer's certification to meet test requirements.

2/ NTPEP results to meet test requirements. Manufacturer shall have public release status and current reports on laboratory results in Test Data of NTPEP's DataMine.

3/ MD = Machine direction. XD = Cross-machine direction.

4/ Values represent the minimum average roll value (MARV) in the weaker principle direction, MD or XD.

5/ Values represent the maximum average roll value."

Revise Article 1080.03 of the Standard Specifications to read:

"**1080.03 Filter Fabric.** The filter fabric shall consist of woven yarns or nonwoven filaments of polyolefins or polyesters. Woven fabrics shall be Class 3 for riprap gradations RR 4 and RR 5, and Class 2 for RR 6 and RR 7 according to AASHTO M 288. Woven slit film geotextiles (i.e. geotextiles made from yarns of a flat, tape-like character) shall not be permitted. Nonwoven fabrics shall be Class 2 for riprap gradations RR 4 and RR 5, and Class 1 for RR 6 and RR 7 according to AASHTO M 288. After forming, the fabric shall be processed so that the yarns or filaments retain their relative positions with respect to each other. The fabric shall be new and undamaged.

The filter fabric shall be manufactured in widths of not less than 6 ft (2 m). Sheets of fabric may be sewn together with thread of a material meeting the chemical requirements given for the yarns or filaments to form fabric widths as required. The sheets of filter fabric shall be sewn together at the point of manufacture or another approved location.

The filter fabric shall be according to the following.

PHYSICAL PROPERTIES [1/]				
	Gradation Nos. RR 4 & RR 5		Gradation Nos. RR 6 & RR 7	
	Woven	Nonwoven	Woven	Nonwoven
Grab Strength, lb (N) ASTM D 4632 [2/]	180 (800) min.	157 (700) min.	247 (1100) min.	202 (900) min.
Elongation/Grab Strain, % ASTM D 4632 [2/]	49 max.	50 min.	49 max.	50 min.
Trapezoidal Tear Strength, lb (N) ASTM D 4533 [2/]	67 (300) min.	56 (250) min.	90 (400) min.	79 (350) min.
Puncture Strength, lb (N) ASTM D 6241 [2/]	370 (1650) min.	309 (1375) min.	494 (2200) min.	433 (1925) min.
Ultraviolet Stability, % retained strength after 500 hours of exposure - ASTM D 4355	50 min.			

1/ NTPEP results to meet test requirements. Manufacturer shall have public release status and current reports on laboratory results in Test Data of NTPEP's DataMine.

2/ Values represent the minimum average roll value (MARV) in the weaker principle direction [machine direction (MD) or cross-machine direction (XD)].

As determined by the Engineer, the filter fabric shall meet the requirements noted in the following after an onsite investigation of the soil to be protected.

Soil by Weight (Mass) Passing the No. 200 sieve (75 µm), %	Apparent Opening Size, Sieve No. (mm) - ASTM D 4751 [1/]	Permittivity, sec^{-1} ASTM D 4491
49 max.	60 (0.25) max.	0.2 min.
50 min.	70 (0.22) max.	0.1 min.

1/ Values represent the maximum average roll value."

Revise Article 1081.15(h)(3)a of the Standard Specifications to read:

"a. Inner Filter Fabric Bag. The inner filter fabric bag shall be constructed of woven yarns or nonwoven filaments made of polyolefins or polyesters with a minimum silt and debris capacity of 2.0 cu ft (0.06 cu m). Woven fabric shall be Class 3 and nonwoven fabric shall be Class 2 according to AASHTO M 288. The fabric bag shall be according to the following.

PHYSICAL PROPERTIES		
	Woven	Nonwoven
Grab Strength, lb (N) ASTM D 4632 1/	180 (800) min.	157 (700) min.
Elongation/Grab Strain, % ASTM D 4632 1/	49 max.	50 min.
Trapezoidal Tear Strength, lb (N) ASTM D 4533 1/	67 (300) min.	56 (250) min.
Puncture Strength, lb (N) ASTM D 6241 1/	370 (1650) min.	309 (1375) min.
Apparent Opening Size, Sieve No. (mm) ASTM D 4751 2/	60 (0.25) max.	
Permittivity, sec^{-1} ASTM D 4491	2.0 min.	
Ultraviolet Stability, % retained strength after 500 hours of exposure – ASTM D 4355	70 min.	

1/ Values represent the minimum average roll value (MARV) in the weaker principle direction [machine direction (MD) or cross-machine direction (XD)].

2/ Values represent the maximum average roll value."

Revise Article 1081.15(i)(1) of the Standard Specifications to read:

"(i) Urethane Foam/Geotextile. Urethane foam/geotextile shall be triangular shaped having a minimum height of 10 in. (250 mm) in the center with equal sides and a minimum 20 in. (500 mm) base. The triangular shaped inner material shall be a low density urethane foam. The outer geotextile fabric cover shall consist of woven yarns or nonwoven filaments made of polyolefins or polyesters placed around the inner material and shall extend beyond both sides of the triangle a minimum of 18 in. (450 mm). Woven filter fabric shall be Class 3 and nonwoven filter fabric shall be Class 2 according to AASHTO M 288.

(1) The geotextile shall meet the following properties.

PHYSICAL PROPERTIES		
	Woven	Nonwoven
Grab Strength, lb (N) ASTM D 4632 1/	180 (800) min.	157 (700) min.
Elongation/Grab Strain, % ASTM D 4632 1/	49 max.	50 min.
Trapezoidal Tear Strength, lb (N) ASTM D 4533 1/	67 (300) min.	56 (250) min.
Puncture Strength, lb (N) ASTM D 6241 1/	370 (1650) min.	309 (1375) min.

Apparent Opening Size, Sieve No. (mm) ASTM D 4751 2/	30 (0.60) max.
Permittivity, sec^{-1} ASTM D 4491	2.0 min.
Ultraviolet Stability, % retained strength after 500 hours of exposure – ASTM D 4355	70 min.

1/ Values represent the minimum average roll value (MARV) in the weaker principle direction [machine direction (MD) or cross-machine direction (XD)].

2/ Values represent the maximum average roll value."

Add the following to Article 1081.15(i) of the Standard Specifications.

"(3) Certification. The manufacturer shall furnish a certificate with each shipment of urethane foam/geotextile assemblies stating the amount of product furnished and that the material complies with these requirements."

Revise the title and first sentence of Article 1081.15(j) of the Standards Specifications to read:

"(j) Above Grade Inlet Filters (Fitted). Above grade inlet filters (fitted) shall consist of a rigid polyethylene frame covered with a fitted geotextile filter fabric."

Revise Article 1081.15(j)(2) of the Standard Specifications to read:

(2) Fitted Geotextile Filter Fabric. The fitted geotextile filter fabric shall consist of woven yarns or nonwoven filaments made of polyolefins or polyesters. Woven filter fabric shall be Class 3 and nonwoven filter fabric shall be Class 2 according to AASHTO M 288. The filter shall be fabricated to provide a direct fit to the frame. The top of the filter shall integrate a coarse screen with a minimum apparent opening size of 1/2 in. (13 mm) to allow large volumes of water to pass through in the event of heavy flows. The filter shall have integrated anti-buoyancy pockets capable of holding a minimum of 3.0 cu ft (0.08 cu m) of stabilization material. Each filter shall have a label with the following information sewn to or otherwise permanently adhered to the outside: manufacturer's name, product name, and lot, model, or serial number. The fitted geotextile filter fabric shall be according to the table in Article 1081.15(h)(3)a above."

Add Article 1081.15(k) to the Standard Specifications to read:

"(k) Above Grade Inlet Filters (Non-Fitted). Above grade inlet filters (non-fitted) shall consist of a geotextile fabric surrounding a metal frame. The frame shall consist of either a) a circular cage formed of welded wire mesh, or b) a collapsible aluminum frame, as described below.

(1) Frame Construction.

a) Welded Wire Mesh Frame. The frame shall consist of 6 in. x 6 in. (150 mm x 150 mm) welded wire mesh formed of #10 gauge (3.42 mm) steel conforming to ASTM A 185. The mesh shall be 30 in. (750 mm) tall and formed into a 42 in. (1.05 m) minimum diameter cylinder.

b) Collapsible Aluminum Frame. The collapsible aluminum frame shall consist of grade 6036 aluminum. The frame shall have anchor lugs that attach it to the inlet grate, which shall resist movement from water and debris. The collapsible joints of the frame shall have a locking device to secure the vertical members in place, which shall prevent the frame from collapsing while under load from water and debris.

(2) Geotextile Fabric. The geotextile fabric shall consist of woven yarns or nonwoven filaments made of polyolefins or polyesters. The woven filter fabric shall be a Class 3 and the nonwoven filter fabric shall be a Class 2 according to AASHTO M 288. The geotextile fabric shall be according to the table in Article 1081.15(h)(3)a above.

(3) Geotechnical Fabric Attachment to the Frame.

a) Welded Wire Mesh Frame. The woven or nonwoven geotextile fabric shall be wrapped 3 in. (75 mm) over the top member of a 6 in. x 6 in. (150 mm x 150 mm) welded wire mesh frame and secured with fastening rings constructed of wire conforming to ASTM A 641, A 809, A 370, and A 938 at 6 in. (150 mm) on center. The fastening rings shall penetrate both layers of geotextile and securely close around the steel mesh. The geotextile shall be secured to the sides of the welded wire mesh with fastening rings at a spacing of 1 per sq ft (11 per sq m) and securely close around a steel member.

b) Collapsible Aluminum Frame. The woven or nonwoven fabric shall be secured to the aluminum frame along the top and bottom of the frame perimeter with strips of aluminum secured to the perimeter member, such that the anchoring system provides a uniformly distributed stress throughout the geotechnical fabric.

(4) Certification. The manufacturer shall furnish a certificate with each shipment of above grade inlet filter assemblies stating the amount of product furnished and that the material complies with these requirements."

TRAFFIC CONTROL DEVICES - CONES (BDE)

Effective: January 1, 2019

Revise Article 701.15(a) of the Standard Specifications to read:

"(a) Cones. Cones are used to channelize traffic. Cones used to channelize traffic at night shall be reflectorized; however, cones shall not be used in nighttime lane closure tapers or nighttime lane shifts."

Revise Article 1106.02(b) of the Standard Specifications to read:

"(b) Cones. Cones shall be predominantly orange. Cones used at night that are 28 to 36 in. (700 to 900 mm) in height shall have two white circumferential stripes. If non-reflective spaces are left between the stripes, the spaces shall be no more than 2 in. (50mm) in width. Cones used at night that are taller than 36 in. (900 mm) shall have a minimum of two white and two fluorescent orange alternating, circumferential stripes with the top stripe being fluorescent orange. If non-reflective spaces are left between the stripes, the spaces shall be no more than 3 in. (75 mm) in width.

The minimum weights for the various cone heights shall be 4 lb for 18 in. (2 kg for 450 mm), 7 lb for 28 in. (3 kg for 700 mm), and 10 lb for 36 in. (5 kg for 900 mm) with a minimum of 60 percent of the total weight in the base. Cones taller than 36 in. shall be weighted per the manufacturer's specifications such that they are not moved by wind or passing traffic."

80409

WORK ZONE TRAFFIC CONTROL DEVICES (BDE)

Effective: March 2, 2020

Add the following to Article 701.03 of the Standard Specifications:

"(q) Temporary Sign Supports .....1106.02"

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

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

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

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

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

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

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

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

Category 3 includes devices that are expected to cause significant velocity changes or other potentially harmful reactions to impacting vehicles. These include crash cushions (impact

attenuators), truck mounted attenuators, and other devices not meeting the definitions of Category 1 or 2. Category 3 devices manufactured after December 31, 2019 shall be MASH-16 compliant. Category 3 devices manufactured on or before December 31, 2019, and compliant with NCHRP 350 or MASH 2009, may be used on contracts let before December 31, 2029. Category 3 devices shall be crash tested for Test Level 3 or the test level specified.

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

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

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

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

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

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

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

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

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McHenry County Prevailing Wage Rates posted on 12/1/2020

						Overtime								
Trade Title	**Rg**	**Type**	**C**	**Base**	**Foreman**	**M-F**	**Sa**	**Su**	**Hol**	**H/W**	**Pension**	**Vac**	**Trng**	**Other Ins**
ASBESTOS ABT-GEN	All	ALL		44.40	45.40	1.5	1.5	2.0	2.0	14.26	16.05	0.00	0.90	
ASBESTOS ABT-MEC	All	BLD		38.44	41.51	1.5	1.5	2.0	2.0	14.07	12.51	0.00	0.77	
BOILERMAKER	All	BLD		51.56	56.20	2.0	2.0	2.0	2.0	6.97	21.58	0.00	1.20	
BRICK MASON	All	BLD		47.56	52.32	1.5	1.5	2.0	2.0	11.20	20.51	0.00	0.97	
CARPENTER	All	ALL		49.76	51.76	1.5	1.5	2.0	2.0	11.79	23.35	0.00	0.73	
CEMENT MASON	All	ALL		48.20	50.20	2.0	1.5	2.0	2.0	10.90	23.86	0.00	0.50	
CERAMIC TILE FINISHER	All	BLD		41.80	41.80	1.5	1.5	2.0	2.0	11.25	13.41	0.00	0.88	
COMMUNICATION TECHNICIAN	All	BLD		42.41	44.81	1.5	1.5	2.0	2.0	13.79	15.42	0.00	0.85	
ELECTRIC PWR EQMT OP	All	ALL		44.61	60.87	1.5	1.5	2.0	2.0	6.50	12.49	0.00	1.01	1.34
ELECTRIC PWR GRNDMAN	All	ALL		34.27	60.87	1.5	1.5	2.0	2.0	6.50	9.60	0.00	0.77	1.03
ELECTRIC PWR LINEMAN	All	ALL		53.63	60.87	1.5	1.5	2.0	2.0	6.50	15.02	0.00	1.21	1.61
ELECTRIC PWR TRK DRV	All	ALL		35.52	60.87	1.5	1.5	2.0	2.0	6.50	9.95	0.00	0.80	1.07
ELECTRICIAN	All	ALL		51.15	55.55	1.5	1.5	2.0	2.0	15.66	16.98	0.00	1.02	
ELEVATOR CONSTRUCTOR	All	BLD		58.47	65.78	2.0	2.0	2.0	2.0	15.73	18.41	4.68	0.63	
FENCE ERECTOR	E	ALL		44.42	46.42	1.5	1.5	2.0	2.0	13.68	15.40	0.00	0.65	
FENCE ERECTOR	S	ALL		47.99	51.83	2.0	2.0	2.0	2.0	13.06	24.15	0.00	1.03	
GLAZIER	All	BLD		46.35	47.85	1.5	2.0	2.0	2.0	14.79	22.67	0.00	1.26	
HEAT/FROST INSULATOR	All	BLD		51.25	54.33	1.5	1.5	2.0	2.0	14.07	14.26	0.00	0.77	
IRON WORKER	E	ALL		52.51	54.51	2.0	2.0	2.0	2.0	15.15	24.34	0.00	0.44	
IRON WORKER	S	ALL		47.99	51.83	2.0	2.0	2.0	2.0	13.06	24.15	0.00	1.03	
IRON WORKER	W	ALL		40.85	45.75	2.0	2.0	2.0	2.0	12.66	28.22	0.00	1.55	
LABORER	All	ALL		44.40	45.15	1.5	1.5	2.0	2.0	14.26	16.05	0.00	0.90	
LATHER	All	ALL		49.76	51.76	1.5	1.5	2.0	2.0	11.79	23.35	0.00	0.73	
MACHINIST	All	BLD		49.68	52.18	1.5	1.5	2.0	2.0	7.93	8.95	1.85	1.47	
MARBLE FINISHER	All	ALL		35.73	49.05	1.5	1.5	2.0	2.0	11.20	18.71	0.00	0.87	
MARBLE MASON	All	BLD		46.71	51.38	1.5	1.5	2.0	2.0	11.20	19.98	0.00	0.95	
MATERIAL TESTER I	All	ALL		34.40		1.5	1.5	2.0	2.0	14.26	16.05	0.00	0.90	
MATERIALS TESTER II	All	ALL		39.40		1.5	1.5	2.0	2.0	14.26	16.05	0.00	0.90	
MILLWRIGHT	All	ALL		49.76	51.76	1.5	1.5	2.0	2.0	11.79	23.35	0.00	0.73	
OPERATING ENGINEER	All	BLD	1	52.10	56.10	2.0	2.0	2.0	2.0	20.90	17.85	2.00	2.15	
OPERATING ENGINEER	All	BLD	2	50.80	56.10	2.0	2.0	2.0	2.0	20.90	17.85	2.00	2.15	

OPERATING ENGINEER	All	BLD	3	48.25	56.10	2.0	2.0	2.0	2.0	20.90	17.85	2.00	2.15	
OPERATING ENGINEER	All	BLD	4	46.50	56.10	2.0	2.0	2.0	2.0	20.90	17.85	2.00	2.15	
OPERATING ENGINEER	All	BLD	5	55.85	56.10	2.0	2.0	2.0	2.0	20.90	17.85	2.00	2.15	
OPERATING ENGINEER	All	BLD	6	53.10	56.10	2.0	2.0	2.0	2.0	20.90	17.85	2.00	2.15	
OPERATING ENGINEER	All	BLD	7	55.10	56.10	2.0	2.0	2.0	2.0	20.90	17.85	2.00	2.15	
OPERATING ENGINEER	All	FLT		40.00	40.00	1.5	1.5	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	HWY	1	50.30	54.30	1.5	1.5	2.0	2.0	20.90	17.85	2.00	2.15	
OPERATING ENGINEER	All	HWY	2	49.75	54.30	1.5	1.5	2.0	2.0	20.90	17.85	2.00	2.15	
OPERATING ENGINEER	All	HWY	3	47.70	54.30	1.5	1.5	2.0	2.0	20.90	17.85	2.00	2.15	
OPERATING ENGINEER	All	HWY	4	46.30	54.30	1.5	1.5	2.0	2.0	20.90	17.85	2.00	2.15	
OPERATING ENGINEER	All	HWY	5	45.10	54.30	1.5	1.5	2.0	2.0	20.90	17.85	2.00	2.15	
OPERATING ENGINEER	All	HWY	6	53.30	54.30	1.5	1.5	2.0	2.0	20.90	17.85	2.00	2.15	
OPERATING ENGINEER	All	HWY	7	51.30	54.30	1.5	1.5	2.0	2.0	20.90	17.85	2.00	2.15	
ORNAMENTAL IRON WORKER	E	ALL		51.63	54.13	2.0	2.0	2.0	2.0	14.23	22.25	0.00	1.25	
ORNAMENTAL IRON WORKER	S	ALL		47.99	51.83	2.0	2.0	2.0	2.0	13.06	24.15	0.00	1.03	
PAINTER	All	ALL		48.30	50.30	1.5	1.5	1.5	2.0	18.23	3.65	0.00	1.45	
PAINTER - SIGNS	All	BLD		39.84	44.74	1.5	1.5	2.0	2.0	2.73	3.39	0.00	0.00	
PILEDRIVER	All	ALL		49.76	51.76	1.5	1.5	2.0	2.0	11.79	23.35	0.00	0.73	
PIPEFITTER	All	BLD		50.75	53.75	1.5	1.5	2.0	2.0	10.85	20.85	0.00	2.92	
PLASTERER	All	BLD		45.00	47.70	1.5	1.5	2.0	2.0	15.75	18.14	0.00	1.25	
PLUMBER	All	BLD		52.00	55.10	1.5	1.5	2.0	2.0	16.22	15.60	0.00	1.40	
ROOFER	All	BLD		45.75	49.75	1.5	1.5	2.0	2.0	11.23	13.61	0.00	0.91	
SHEETMETAL WORKER	All	BLD		49.07	51.52	1.5	1.5	2.0	2.0	10.85	17.51	0.00	1.14	2.32
SIGN HANGER	All	BLD		26.07	27.57	1.5	1.5	2.0	2.0	3.80	3.55	0.00	0.00	
SPRINKLER FITTER	All	BLD		50.95	53.45	1.5	1.5	2.0	2.0	13.50	16.80	0.00	0.75	
STEEL ERECTOR	E	ALL		52.51	54.51	2.0	2.0	2.0	2.0	15.15	24.34	0.00	0.44	
STEEL ERECTOR	S	ALL		47.99	51.83	2.0	2.0	2.0	2.0	13.06	24.15	0.00	1.03	
STONE MASON	All	BLD		47.56	52.32	1.5	1.5	2.0	2.0	11.20	20.51	0.00	0.97	
TERRAZZO FINISHER	All	BLD		43.54	43.54	1.5	1.5	2.0	2.0	11.25	15.61	0.00	0.90	
TERRAZZO MASON	All	BLD		47.38	50.88	1.5	1.5	2.0	2.0	11.25	17.07	0.00	0.94	
TILE MASON	All	BLD		48.75	52.75	1.5	1.5	2.0	2.0	11.25	16.90	0.00	0.95	
TRAFFIC SAFETY WORKER	All	HWY		36.75	38.35	1.5	1.5	2.0	2.0	7.95	8.20	0.00	0.75	
TRUCK DRIVER	All	ALL	1	40.29	40.84	1.5	1.5	2.0	2.0	11.00	10.25	0.00	0.15	
TRUCK DRIVER	All	ALL	2	40.44	40.84	1.5	1.5	2.0	2.0	11.00	10.25	0.00	0.15	
TRUCK DRIVER	All	ALL	3	40.64	40.84	1.5	1.5	2.0	2.0	11.00	10.25	0.00	0.15	
TRUCK DRIVER	All	ALL	4	40.84	40.84	1.5	1.5	2.0	2.0	11.00	10.25	0.00	0.15	

TUCKPOINTER	All	BLD		47.25	48.25	1.5	1.5	2.0	2.0	8.59	19.48	0.00	0.94	

Legend
Rg Region
Type Trade Type - All,Highway,Building,Floating,Oil & Chip,Rivers
C Class
Base Base Wage Rate
OT M-F 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.
OT Sa Overtime pay required for every hour worked on Saturdays
OT Su Overtime pay required for every hour worked on Sundays
OT Hol Overtime pay required for every hour worked on Holidays
H/W Health/Welfare benefit
Vac Vacation
Trng Training
Other Ins Employer hourly cost for any other type(s) of insurance provided for benefit of worker.

Explanations MCHENRY COUNTY

FENCE ERECTOR (EAST) - That part of the county East and Northeast of a line following Route 31 North to Route 14, northwest to Route 47 north to the Wisconsin State Line.

IRONWORKERS (EAST) - That part of the county East of Rts. 47 and 14.

IRONWORKERS (SOUTH) - That part of the county South of Route 14 and East of Route 47.

IRONWORKERS (WEST) - That part of the county West of Route 47.

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

Construction, installation, maintenance and removal of telecommunication facilities (voice, sound, data and video), telephone, security systems, fire alarm systems that are a component of a multiplex system and share a common cable, and data inside wire, interconnect, terminal equipment, central offices, PABX and equipment, micro waves, V-SAT, bypass, CATV, WAN (wide area network), LAN (local area networks), and ISDN (integrated system digital network), pulling of wire in raceways, but not the installation of raceways.

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 ENGINEERS - FLOATING

Diver. Diver Wet Tender, Diver Tender, ROV Pilot, ROV Tender

TRAFFIC SAFETY - Effective November 30, 2018, the description of the traffic safety worker trade in this County is as follows: Work associated with barricades, horses and drums used to reduce lane usage on highway work, the installation and removal of temporary, non-temporary or permanent lane, pavement or roadway 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 Turnatrailers when pulling other than self-loading equipment or similar equipment under 16 cubic yards; Mixer Trucks under 7 yeards; Ready-mix Plant Hopper Operator, and Winch Trucks, 2 Axles.

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

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

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".

Illinois Environmental Protection Agency

Bureau of Land • 1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276

Source Site Certification by Owner or Operator for Use of Uncontaminated Soil as Fill in a CCDD or Uncontaminated Soil Fill Operation LPC-662 Revised in accordance with 35 Ill. Adm. Code 1100, as amended by PCB R2012-009 (eff. Aug. 27, 2012)

This certification form is to be used by source site owners and operators to certify, pursuant to 35 Ill. Adm. Code 1100.205(a)(1)(A), that soil (i) was removed from a site that is not potentially impacted property and is presumed to be uncontaminated soil and (ii) is within a pH range of 6.25 to 9.0. If you have questions about this form, please telephone the Bureau of Land Permit Section at 217/524-3300.

This form may be completed online, saved locally, printed and signed, and submitted to prospective clean construction or demolition debris fill operations or uncontaminated soil fill operations.

I. Source Location Information

(Describe the location of the source of the uncontaminated soil)

Project Name: Scott Street & Souwanas Trail Road Improvements Office Phone Number, if available: _____

Physical Site Location (Street, Road): Scott Street (Souwanas to Webster) Souwanas Trail (Oceola to Sandbloom)

City: Algonquin State: IL Zip Code: 60102

County: McHenry Township: Algonquin

Lat/Long of approximate center of site in decimal degrees (DD.ddddd) to five decimal places (e.g., 40.67890, -90.12345):

Latitude: 42.153726 (Decimal Degrees) Longitude: -88.287606 (-Decimal Degrees)

Identify how the lat/long data were determined:

☒ GPS ☐ Map Interpolation ☐ Photo Interpolation ☐ Survey ☐ Other

IEPA Site Number(s), if assigned: BOL: _____ BOW: _____ BOA: _____

II. Owner/Operator Information for Source Site

Site Owner		Site Operator	
Name:	Village of Algonquin, Public Works	Name:	Village of Algonquin, Public Works
Street Address:	110 Meyer Drive	Street Address:	110 Meyer Drive
PO Box:		PO Box:	
City:	Algonquin State: IL	City:	Algonquin State: IL
Zip Code:	60102 Phone: 847-658-2754	Zip Code:	60102 Phone: 847-658-2754
Contact:	Shawn Hurtig	Contact:	Shawn Hurtig
Email, if available:	shawnhurtig@algonquin.org	Email, if available:	shawnhurtig@algonquin.org

Project Name: Scott Street & Souwanas Trail Road Improvements

Latitude: 42.153726 (Decimal Degrees) Longitude: -88.287606 (-Decimal Degrees)

Source Site Certification

III. Descriptions of Current and Past Uses of Source Site

Describe the current and past uses of the site and nearby properties.* Attach additional information as needed. The description must take into account, at a minimum, the following for the source site and for nearby property: (1) use of the properties for commercial or industrial purposes; (2) the use, storage or disposal of chemical or petroleum products in individual containers greater than 5 gallons or collectively more than 50 gallons; (3) the current or past presence of any storage tanks (above ground or underground); (4) any waste storage, treatment or disposal at the properties; (5) any reported releases or any environmental cleanup or removal of contaminants; (6) any environmental liens or governmental notification of environmental violations; (7) any contamination in a well that exceeds the Board's groundwater quality standards; (8) the use, storage, or disposal of transformers or capacitors manufactured before 1979; and (9) any fill dirt brought to the properties from an unknown source or site.

Number of pages attached: 1

Collector streets through residential properties. Note, Souwanas Trail is the County Line between McHenry (north) and Kane (south).

*The description must be sufficient to demonstrate that the source site is not potentially impacted property, thereby allowing the source site owner or operator to provide this certification.

IV. Soil pH Testing Results

Describe the results of soil pH testing showing that the soil pH is within the range of 6.25 to 9.0 and attach any supporting documentation.

Number of pages attached: 2

Soil tested at boring locations B-1 and B-9 (Souwanas Trail & Oceola), and pavement core locations C-1 through C-1 (Scott Street). Soil test results range from pH= 7.24 to 8.48, and all are within the acceptable range.

V. Source Site Owner or Operator's Certification Statement and Signature

In accordance with the Illinois Environmental Protection Act [415 ILCS 5/22.51 or 22.51a] and 35 Ill. Adm. Code 1100.205(a), I _____ (owner or operator of source site) certify that this site is not a potentially impacted property and the soil is presumed to be uncontaminated soil. I also certify that the soil pH is within the range of 6.25 to 9.0. I further certify that the soil has not been removed from the site as part of a cleanup or removal of contaminants. Additionally, I certify that I am either the site owner or operator or a duly authorized representative of the site owner or site operator and am authorized to sign this form. Furthermore, I certify that all information submitted, including but not limited to, all attachments and other information, is to the best of my knowledge and belief, true, accurate and complete.

Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))

_____ Source Site Owner or Operator's Printed Name

_____ Source Site Owner or Operator's Title

_____ Source Site Owner or Operator's Signature

_____ Date

MIDLAND STANDARD ENGINEERING TESTING, INC.
558 PLATE DRIVE, UNIT 6, EAST DUNDEE, IL 60118 (847) 844-1895 F(847) 844-3875

pH of Soil
ASTM D 4972/ AASHTO T289

Project # 16600
Project Name: Scott & Souwanas V0A 16-07-07B
Location Algonquin, Illinois

Date Received: 11/21/16
Date Tested: 11/22/16
Tested by: JDS

Sample# B-1 SS-2 3.5-5'
pH 7.89
[x] Distilled Water
[ ] CaCl

Sample# B-2 SS-2 3.5-5'
pH 8.15
[x] Distilled Water
[ ] CaCl

Sample# B-3 SS-2 3.5-5'
pH 7.24
[x] Distilled Water
[ ] CaCl

Sample# B-4 SS-3 6-7.5'
pH 8.19
[x] Distilled Water
[ ] CaCl

Sample# B-5 SS-2 3.5-5'
pH 8.21
[x] Distilled Water
[ ] CaCl

Sample# B-5 SS-4 8.5-10'
pH 8.09
[x] Distilled Water
[ ] CaCl

Sample# B-6 SS-2 3.5-5'
pH 8.05
[x] Distilled Water
[ ] CaCl

Sample# B-7 SS-2 3.5-5"
pH 8.15
[x] Distilled Water
[ ] CaCl

Sample# B-8 SS-2 3.5-5'
pH 8.48
[x] Distilled Water
[ ] CaCl

Sample# C-1
pH 7.98
[x] Distilled Water
[ ] CaCl

Sample# C-2
pH 7.88
[x] Distilled Water
[ ] CaCl

Sample# C-3
pH 7.86
[x] Distilled Water
[ ] CaCl

MIDLAND STANDARD ENGINEERING TESTING, INC.
558 PLATE DRIVE, UNIT 6, EAST DUNDEE, IL 60118 (847) 844-1895 F(847) 844-3875

pH of Soil
ASTM D 4972/ AASHTO T289

Project # 16600
Project Name: Scott & Souwanas V0A 16-07-07B
Location Algonquin, Illinois

Date Received: 11/21/16
Date Tested: 11/22/16
Tested by: JDS

Sample# C-4

pH 8.25

[x] Distilled Water
[ ] CaCl

Sample# C-5

pH 8.29

[x] Distilled Water
[ ] CaCl

Sample# SB-1 SS-2 7.5-10'

pH 7.59

[x] Distilled Water
[ ] CaCl

Sample# SB-2 SS-3 6-7.5'

pH 8.41

[x] Distilled Water
[ ] CaCl


Boring Location Diagram
Scott and Souwanas VOA16-07-07B
Algonquin, Illinois
MSET File No. 16600
Legend
Soil Boring
Ridge St
Webster Ct
Sunset Ln
Scott St
Hickory Ln
Webster St
Willow St
S Hubbard St
Lincoln St
Summit St
James Ct
Longwood Dr
Woodview Ln
Schuett St
Mohican Dr
Osceola Dr
Sunrise Ln
Alice Ln
Washtenaw St
Sunshine Ct
Colonial Ct
Rattray Dr
Fox River Dr
N Vista Dr
W Vista Dr
Carriage Dr
Linda Dr
Helen Dr
Chelsea Dr
Iroquois Rd
Wilbrandt St
S Main St
Alan Dr
S Vista Dr
C-1
C-2
C-3
C-4
C-5
B-1
B-2
B-3
B-4
B-5
B-6
B-7
B-8
B-9
Fox River Trail
Manhatas Trail
Manito Trail
Natoma Trail
Winaki Trail
Onaway Trail
Pokagon Dr
Arbor Ln
Riverwood Dr
Greenridge Ave
Meghan Ave
Sandbloom Rd
Winding Canyon Way
Compton D
31
Google earth
2000 ft
N

PAVEMENT CORE MEASUREMENT LOG
Scott Street Souwanas Trail VOA16-07-07B

MSET# 16600
11/30/16

Core No. C-1							
Location	Scott Street						
Material	**Depth (in.)**			**Thickness (in.)**	**Remarks/Condition**	**coeff**	**sn**
Bituminous Surface	0	to	1- 1/2	1- 1/2	Fair	0.30	0.45
Bituminous Binder	1- 1/2	to	4	2- 1/2	Minor Voids	0.20	0.50
Granular Base	4	to	16	12	Brown SAND & GRAVEL	0.08	0.96
Subgrade	16	+			Grey Sandy Clay LOAM. A-6 Mc=12%		**1.91**
					IBV=1.73		
Core No. C-2							
Location	Scott Street						
Material	**Depth (in)**			**Thickness (in.)**	**Remarks/ Condition**	**coeff**	**sn**
Bituminous Surface	0	to	2	2	Fair, Pavement Fabric at Bottom	0.30	0.60
Bituminous Binder	2	to	4	2	Fair	0.20	0.40
Granular Base	4	to	12	8	Brown SAND & GRAVEL	0.08	0.64
Subgrade	12	+			Grey Clay LOAM, A-6 Mc=16%		**1.64**
					IBV=2.89		
Core No. C-3							
Location	Scott Street						
Material	**Depth (in.)**			**Thickness (in.)**	**Remarks/Condition**	**coeff**	**sn**
Bituminous Surface	0	to	2	2	Minor Voids, Fabric at Bottom	0.30	0.60
Bituminous Binder	2	to	4	2	Some Voids	0.20	0.40
Granular Base	4	to	13	9	Brown SAND & GRAVEL	0.08	0.72
Subgrade	13	+			Brown m-f SAND, Mc= 10%		**1.72**
					IBV=1.79		
Core No. C-4							
Location	Scott Street						
Material	**Depth (in.)**			**Thickness (in.)**	**Remarks/Condition**	**coeff**	**sn**
Bituminous Surface	0	to	2	2	Fair, Pavement Fabric at Bottom	0.30	0.60
Bituminous Binder	2	to	4- 1/4	2- 1/4	Minor Voids	0.20	0.45
Granular Base	4- 1/4	to	11	6- 3/4	Brown SAND & GRAVEL	0.08	0.54
Subgrade	11	+			Brown m-f SAND, Mc= 8%		**1.59**
					IBV=4.15		
Core No. C-5							
Location	Scott Street						
Material	**Depth (in.)**			**Thickness (in.)**	**Remarks/Condition**	**coeff**	**sn**
Bituminous Surface	0	to	1- 1/2	1- 1/2	Some Voids, Fabric at Bottom	0.30	0.45
Bituminous Binder	1- 1/2	to	3- 3/4	2- 1/4	Minor Voids	0.20	0.45
Granular Base	3- 3/4	to	11	7- 1/4	Brown SAND & GRAVEL	0.08	0.58
Subgrade	11	+			Brown m-f SAND, Mc= 10%		**1.48**
					IBV=2.10		

Village of Algonquin

The Gem of the Fox River Valley

March 31, 2021

Village President and Board of Trustees:

The List of Bills dated 4/6/21, payroll expenses, and insurance premiums totaling $2,153,899.26 are recommended for approval. For your information, this list of bills includes the following, which are not typical in the day-to-day operations of the Village.

Amalgamated Bank	$ 76,598.31	IEPA L17-5553 Principal & Interest
CDW Government, Inc.	8,242.59	FY21 Replacement Desktops
CDW Government, Inc.	88,624.88	Virtual Server
Climate Service	16,536.00	Air Purifiers
Core & Main LP	12,028.00	Meter Change Out Program
DK Contractors, Inc.	13,697.00	Makers Park Bike Path
Engineering Enterprises	4,029.50	PRV Replacement Program – Year 2
Engineering Enterprises	5,659.00	Risk & Resilience Study
Kronos, Inc.	7,539.32	FY 21 Kronos Workforce Annual Maint.
Morrow Brothers	75,760.00	2020 Ford Squads (2)
Trine Construction	86,602.85	IEPA – Downtown Streetscape Stage 3
Trotter & Associates	13,169.00	Downtown Streetscape Stage 3
Trotter & Associates	60,385.80	IEPA – WWTP Improvement Phase 6B
Williams Brothers Construction	581,260.16	IEPA – WWTP Improvement Phase 6B

Please note:

The 3/31/2021 payroll expenses totaled $563,880.07.

April 2021 insurance premiums to IPBC totaled $160,497.42.

This List of Bills excludes payments that are processed automatically and recorded by journal entry. These payments include postage permit costs and bank/collection fees. Information on these expenses are available upon request.

Tim Schloneger
Village Manager

TS/mjn

Village of Algonquin

List of Bills 4/6/2021

Vendor / Invoice Description	Amount	Account Description	Account	Invoice	Purchase Order
3M					
SIGN MATERIAL DOWNTOWN SIGNS	4,067.87	GENERAL SERVICES PW - EXPENSE SIGN PROGRAM	01500300-43366-	9410680020	50210162
	Vendor Total: $4,067.87				
A1 TROPHY & AWARD SERVICES INC					
MILITARY PLAQUE ENGRAVING-LANDRE\	19.50	POLICE - EXPENSE PUB SAFETY TRAVEL/TRAINING/DUES	01200200-47740-	16137	10210363
	Vendor Total: $19.50				
AMALGAMATED BANK OF CHICAGO					
IEPA L17-5553 PRINCIPAL	45,966.37	W & S BOND & INTEREST-EXPENSE IEPA LOAN PRINCIPAL EXPENSE	07080400-46700-W1750	IEPA L17-5553	
IEPA L17-5553 INTEREST	30,631.94	W & S BOND & INTEREST-EXPENSE IEPA LOAN INTEREST EXPENSE	07080400-46701-W1750	IEPA L17-5553	
	Vendor Total: $76,598.31				
AMERICAN SOLUTIONS FOR BUSINESS					
#10 WINDOW ENVELOPES	164.37	GS ADMIN - EXPENSE GEN GOV PRINTING & ADVERTISING	01100100-42243-	INV05211533	10210371
#10 WINDOW ENVELOPES	82.19	SEWER OPER - EXPENSE W&S BUSI PRINTING & ADVERTISING	07800400-42243-	INV05211533	10210371
#10 WINDOW ENVELOPES	82.19	WATER OPER - EXPENSE W&S BUSI PRINTING & ADVERTISING	07700400-42243-	INV05211533	10210371
	Vendor Total: $328.75				
AMS STORE AND SHRED LLC					
ARCHIVE PURGE	25.00	POLICE - EXPENSE PUB SAFETY PROFESSIONAL SERVICES	01200200-42234-	0210426	20210143
ARCHIVE PURGE	25.00	POLICE - EXPENSE PUB SAFETY PROFESSIONAL SERVICES	01200200-42234-	0210632	20210143
ARCHIVE PURGE	25.00	POLICE - EXPENSE PUB SAFETY PROFESSIONAL SERVICES	01200200-42234-	0210845	20210143
ARCHIVE PURGE	25.00	POLICE - EXPENSE PUB SAFETY PROFESSIONAL SERVICES	01200200-42234-	0211011	20210143
	Vendor Total: $100.00				
APPLIED ECOLOGICAL SERVICES					
CRYSTAL CREEK RESTORATION	170.00	STREET IMPROV- EXPENSE PUBWRKS INFRASTRUCTURE MAINT IMPRO	04900300-43370-	005937	40210437
RANDALL ROAD WETLAND COMPLEX	270.00	STREET IMPROV- EXPENSE PUBWRKS ENGINEERING/DESIGN SERVICES	04900300-42232-S1932	005939	40210455
		STREET IMPROV- EXPENSE PUBWRKS			

Vendor / Invoice Description	Amount	Account Description	Account	Invoice	Purchase Order
RATT CREEK REACH 5 RESTORATION	1,890.00	ENGINEERING/DESIGN SERVICES	04900300-42232-S1742	005940	40210440
	Vendor Total: $2,330.00				
ARAMARK UNIFORM SERVICES					
MAT SERVICES - PD	25.00	BUILDING MAINT. BALANCE SHEET OUTSOURCED INVENTORY	28-14240-	610000095110	28210002
MAT SERVICES - PD	25.00	BUILDING MAINT. BALANCE SHEET OUTSOURCED INVENTORY	28-14240-	610000098699	28210002
MAT SERVICES - PD	25.00	BUILDING MAINT. BALANCE SHEET OUTSOURCED INVENTORY	28-14240-	610000102984	28210002
MAT SERVICES - GMC	25.01	BUILDING MAINT. BALANCE SHEET OUTSOURCED INVENTORY	28-14240-	610000095112	28210002
MAT SERVICES - GMC	25.01	BUILDING MAINT. BALANCE SHEET OUTSOURCED INVENTORY	28-14240-	610000098702	28210002
MAT SERVICES - GMC	25.01	BUILDING MAINT. BALANCE SHEET OUTSOURCED INVENTORY	28-14240-	610000102986	28210002
MAT SERVICES - WWTF	33.56	BUILDING MAINT. BALANCE SHEET OUTSOURCED INVENTORY	28-14240-	610000095095	28210002
MAT SERVICES - WWTF	33.56	BUILDING MAINT. BALANCE SHEET OUTSOURCED INVENTORY	28-14240-	610000102981	28210002
MAT SERVICES - PW	57.00	BUILDING MAINT. BALANCE SHEET OUTSOURCED INVENTORY	28-14240-	610000095111	28210002
MAT SERVICES - PW	57.00	BUILDING MAINT. BALANCE SHEET OUTSOURCED INVENTORY	28-14240-	610000098701	28210002
MAT SERVICES - PW	57.00	BUILDING MAINT. BALANCE SHEET OUTSOURCED INVENTORY	28-14240-	610000102985	28210002
SHOP TOWELS	28.20	VEHCL MAINT-REVENUE & EXPENSES UNIFORMS & SAFETY ITEMS	29900000-47760-	610000095097	29210005
SHOP TOWELS	28.20	VEHCL MAINT-REVENUE & EXPENSES UNIFORMS & SAFETY ITEMS	29900000-47760-	610000098683	29210005
SHOP TOWELS	28.20	VEHCL MAINT-REVENUE & EXPENSES UNIFORMS & SAFETY ITEMS	29900000-47760-	610000102982	29210005
UNIFORM SERVICES - BLDG & MAIN	4.52	BLDG MAINT- REVENUE & EXPENSES UNIFORMS & SAFETY ITEMS	28900000-47760-	610000098697	29210035
UNIFORM SERVICES - BLDG & MAIN	56.47	VEHCL MAINT-REVENUE & EXPENSES UNIFORMS & SAFETY ITEMS	29900000-47760-	610000098697	29210035
UNIFORM SERVICES - BLDG & MAIN	4.52	BLDG MAINT- REVENUE & EXPENSES UNIFORMS & SAFETY ITEMS	28900000-47760-	610000102983	29210035
UNIFORM SERVICES - BLDG & MAIN	56.47	VEHCL MAINT-REVENUE & EXPENSES UNIFORMS & SAFETY ITEMS	29900000-47760-	610000102983	29210035
UNIFORM SERVICES - BLDG & MAIN	9.72	BLDG MAINT- REVENUE & EXPENSES UNIFORMS & SAFETY ITEMS	28900000-47760-	610000095109	29210035
UNIFORM SERVICES - BLDG & MAIN	121.29	VEHCL MAINT-REVENUE & EXPENSES UNIFORMS & SAFETY ITEMS	29900000-47760-	610000095109	29210035

Vendor / Invoice Description	Amount	Account Description	Account	Invoice	Purchase Order
	Vendor Total: $725.74				
ATLAS BOBCAT LLC					
6SB10 ARM KIT	753.00	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	Q44945	29210169
	Vendor Total: $753.00				
BEAR AUTO GROUP					
RETURNED OIL TUBE	-40.25	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	CM33620	29210166
JET KIT	16.34	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	33720	29210166
TUBE ASSEMBLY	42.68	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	33654	29210166
VALVE SEAL	50.10	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	33764	29210166
OIL TUBE	51.13	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	33760	29210166
HOSES	60.15	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	33685	29210166
SENSOR	61.42	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	33719	29210166
BRACKET	78.25	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	33785	29210166
PUMP/SEALANT/GASKETS/BOLT	210.61	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	33752	29210166
COVER	258.44	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	33709	29210166
	Vendor Total: $788.87				
BONNELL INDUSTRIES INC					
ELECTRA SHIFT ASSEMBLY	545.59	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	0198538-IN	29210140
SENSOR WITH CABLE	1,819.59	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	0198539-IN	29210140
	Vendor Total: $2,365.18				
BRANIFF COMMUNICATIONS INC					
WARNING SIREN #5 REPAIR	353.00	BUILDING MAINT. BALANCE SHEET OUTSOURCED INVENTORY	28-14240-	0033276	28210102
	Vendor Total: $353.00				
CALCO LTD					
LAB SUPPLIES	157.00	SEWER OPER - EXPENSE W&S BUSI LAB SUPPLIES	07800400-43345-	AU57141	70210006
	Vendor Total: $157.00				

Vendor Invoice Description	Amount	Account Description	Account	Invoice	Purchase Order
CALL ONE INC					
		BLDG MAINT- REVENUE & EXPENSES			
3/15/2021 STATEMENT	112.17	TELEPHONE	28900000-42210-	388629	10210367
3/15/2021 STATEMENT	729.01	ALARM LINES	28900000-42215-	388629	10210367
		CDD - EXPENSE GEN GOV			
3/15/2021 STATEMENT	293.07	TELEPHONE	01300100-42210-	388629	10210367
		GENERAL SERVICES PW - EXPENSE			
3/15/2021 STATEMENT	316.84	TELEPHONE	01500300-42210-	388629	10210367
3/15/2021 STATEMENT	729.01	ALARM LINES	01500300-42215-	388629	10210367
		GS ADMIN - EXPENSE GEN GOV			
3/15/2021 STATEMENT	528.20	TELEPHONE	01100100-42210-	388629	10210367
		POLICE - EXPENSE PUB SAFETY			
3/15/2021 STATEMENT	692.58	TELEPHONE	01200200-42210-	388629	10210367
3/15/2021 STATEMENT	741.80	ALARM LINES	01200200-42215-	388629	10210367
		PWA - EXPENSE PUB WORKS			
3/15/2021 STATEMENT	125.00	TELEPHONE	01400300-42210-	388629	10210367
3/15/2021 STATEMENT	729.01	ALARM LINES	01400300-42215-	388629	10210367
		SEWER OPER - EXPENSE W&S BUSI			
3/15/2021 STATEMENT	121.46	TELEPHONE	07800400-42210-	388629	10210367
3/15/2021 STATEMENT	729.01	ALARM LINES	07800400-42215-	388629	10210367
		SWIMMING POOL -EXPENSE GEN GOV			
3/15/2021 STATEMENT	35.26	TELEPHONE	05900100-42210-	388629	10210367
		VEHCL MAINT-REVENUE & EXPENSES			
3/15/2021 STATEMENT	116.44	TELEPHONE	29900000-42210-	388629	10210367
3/15/2021 STATEMENT	729.01	ALARM LINES	29900000-42215-	388629	10210367
		WATER OPER - EXPENSE W&S BUSI			
3/15/2021 STATEMENT	164.15	TELEPHONE	07700400-42210-	388629	10210367
3/15/2021 STATEMENT	729.01	ALARM LINES	07700400-42215-	388629	10210367
	Vendor Total: $7,621.03				
CATHERINE GALLAGHER					
		WATER & SEWER BALANCE SHEET			
UB 3010880 1405 SURREY	27.60	AR - WATER BILLING	07-12110-	107780	
	Vendor Total: $27.60				
CDW LLC					
		BLDG MAINT- REVENUE & EXPENSES			
FY21 REPLACEMENT DESKTOPS	626.94	IT EQUIPMENT & SUPPLIES	28900000-43333-	9314178	10210364
		CDD - EXPENSE GEN GOV			
FY21 REPLACEMENT DESKTOPS	537.37	IT EQUIPMENT & SUPPLIES	01300100-43333-	9314178	10210364
		GEN NONDEPT - EXPENSE GEN GOV			
FY21 REPLACEMENT DESKTOPS	152.12	IT EQUIP. & SUPPLIES - GEN GOV	01900100-43333-	9314178	10210364
		GENERAL SERVICES PW - EXPENSE			
FY21 REPLACEMENT DESKTOPS	776.21	IT EQUIPMENT & SUPPLIES	01500300-43333-	9314178	10210364
		GS ADMIN - EXPENSE GEN GOV			

Vendor Invoice Description	Amount	Account Description	Account	Invoice	Purchase Order
FY21 REPLACEMENT DESKTOPS	2,000.22	IT EQUIPMENT & SUPPLIES	01100100-43333-	9314178	10210364
FY21 REPLACEMENT DESKTOPS	1,850.96	POLICE - EXPENSE PUB SAFETY IT EQUIPMENT & SUPPLIES	01200200-43333-	9314178	10210364
FY21 REPLACEMENT DESKTOPS	1,552.42	PWA - EXPENSE PUB WORKS IT EQUIPMENT & SUPPLIES	01400300-43333-	9314178	10210364
FY21 REPLACEMENT DESKTOPS	179.12	SEWER OPER - EXPENSE W&S BUSI IT EQUIPMENT & SUPPLIES	07800400-43333-	9314178	10210364
FY21 REPLACEMENT DESKTOPS	358.25	SWIMMING POOL -EXPENSE GEN GOV IT EQUIPMENT & SUPPLIES	05900100-43333-	9314178	10210364
FY21 REPLACEMENT DESKTOPS	208.98	VEHCL MAINT-REVENUE & EXPENSES IT EQUIPMENT & SUPPLIES	29900000-43333-	9314178	10210364
VIRTUAL SERVER FY21	10,454.18	GEN NONDEPT - EXPENSE GEN GOV CAPITAL PURCHASE	01900100-45590-	8908161	10210349
VIRTUAL SERVER FY21	1,306.77	SEWER OPER - EXPENSE W&S BUSI CAPITAL PURCHASE	07800400-45590-	8908161	10210349
VIRTUAL SERVER FY21	1,306.77	WATER OPER - EXPENSE W&S BUSI CAPITAL PURCHASE	07700400-45590-	8908161	10210349
VIRTUAL SERVER FY21	25,524.81	GEN NONDEPT - EXPENSE GEN GOV CAPITAL PURCHASE	01900100-45590-	8973239	10210349
VIRTUAL SERVER FY21	3,190.61	SEWER OPER - EXPENSE W&S BUSI CAPITAL PURCHASE	07800400-45590-	8973239	10210349
VIRTUAL SERVER FY21	3,190.60	WATER OPER - EXPENSE W&S BUSI CAPITAL PURCHASE	07700400-45590-	8973239	10210349
VIRTUAL SERVER FY21	34,920.91	GEN NONDEPT - EXPENSE GEN GOV CAPITAL PURCHASE	01900100-45590-	9179939	10210349
VIRTUAL SERVER FY21	4,365.12	SEWER OPER - EXPENSE W&S BUSI CAPITAL PURCHASE	07800400-45590-	9179939	10210349
VIRTUAL SERVER FY21	4,365.11	WATER OPER - EXPENSE W&S BUSI CAPITAL PURCHASE	07700400-45590-	9179939	10210349
	Vendor Total: $96,867.47				
CHICAGO PARTS & SOUND LLC					
BATTERY SCRAP REFUND	-40.00	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	1CR0033111	29210131
BATTERY CORE REFUND	-22.00	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	1CR0032832	29210131
BATTERY	263.70	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	1-0192134	29210131
A/C TUBE DISC	74.57	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	1-0190668	29210131
LED HEADLIGHT	179.50	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	2-0000757	29210131
BATTERY SCRAP REFUND	-82.00	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	1CR0033290	29210131

Vendor / Invoice Description	Amount	Account Description	Account	Invoice	Purchase Order
BATTERY	353.46	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	1-0193018	29210131
	Vendor Total: $727.23				
CHRISTOPHER B BURKE ENG LTD					
DOWNTOWN STREETSCAPE RIVERWALK	1,972.35	STREET IMPROV- EXPENSE PUBWRKS ENGINEERING/DESIGN SERVICES	04900300-42232-S2022	164440	40210444
HARNISH DRIVE SECTION 1	2,748.75	STREET IMPROV- EXPENSE PUBWRKS ENGINEERING/DESIGN SERVICES	04900300-42232-S1832	164426	40210441
RANDALL ROAD WETLAND COMPLEX	10,514.93	STREET IMPROV- EXPENSE PUBWRKS ENGINEERING/DESIGN SERVICES	04900300-42232-S1932	164436	40210443
BROADSMORE & STONEGATE IMPROVEM	13,576.75	STREET IMPROV- EXPENSE PUBWRKS ENGINEERING/DESIGN SERVICES	04900300-42232-S1911	164427	40210442
RT 62 BRIDGE DECK OVERLAY	750.00	STREET IMPROV- EXPENSE PUBWRKS ENGINEERING/DESIGN SERVICES	04900300-42232-S2101	164437	40210450
SLEEPY HOLLOW CONSTRUCTION	500.00	STREET IMPROV- EXPENSE PUBWRKS ENGINEERING/DESIGN SERVICES	04900300-42232-S1983	164437	40210450
IN HOUSE ENGINEERING	6,300.00	STREET IMPROV- EXPENSE PUBWRKS ENGINEERING/DESIGN SERVICES	04900300-42232-	164437	40210450
IN HOUSE ENGINEERING	13,196.00	W & S IMPR. - EXPENSE W&S BUSI ENGINEERING/DESIGN SERVICES	12900400-42232-	164437	40210450
TERRACE HILL STREET IMPROVEMENT	22,582.50	STREET IMPROV- EXPENSE PUBWRKS ENGINEERING/DESIGN SERVICES	04900300-42232-S1633	164439	40210445
RATT CREEK REACH 5 UTILITY STUDY	37,551.31	W & S IMPR. - EXPENSE W&S BUSI ENGINEERING/DESIGN SERVICES	12900400-42232-	164428	40210449
	Vendor Total: $109,692.59				
CITY LIMITS SYSTEMS INC					
DUAL LANCE/TRIGGER GUN	393.14	BUILDING MAINT. BALANCE SHEET INVENTORY	28-14220-	11104	28210100
	Vendor Total: $393.14				
CLARK BAIRD SMITH LLP					
LEGAL SERVICES - FEBRUARY 2021	563.75	POLICE - EXPENSE PUB SAFETY LEGAL SERVICES	01200200-42230-	13744	10210365
	Vendor Total: $563.75				
CLIMATE SERVICE INC					
AIR PURIFIERS	16,536.00	VILLAGE CONST - EXPENSE PW MAINT - OUTSOURCED BUILDING	24900300-44445-	00072145	10210381
	Vendor Total: $16,536.00				
COMCAST CABLE COMMUNICATION					
3/7/21-4/6/21 PUBLIC WORKS	16.84	PWA - EXPENSE PUB WORKS EQUIPMENT RENTAL	01400300-42270-	8771 10 012 0277023	10210033
3/22/21-4/21/21 HVH	108.35	GS ADMIN - EXPENSE GEN GOV TELEPHONE	01100100-42210-	8771 10 002 0416275	10210031

Vendor Invoice Description	Amount	Account Description	Account	Invoice	Purchase Order
3/14/21-4/13/21 POOL	108.35	SWIMMING POOL -EXPENSE GEN GOV TELEPHONE	05900100-42210-	8771 10 002 0452635	10210037
3/12/21-4/11/21 WTP #3	148.35	WATER OPER - EXPENSE W&S BUSI TELEPHONE	07700400-42210-	8771 10 002 0443121	10210036
3/11/21-4/10/21 WTP #1	148.35	WATER OPER - EXPENSE W&S BUSI TELEPHONE	07700400-42210-	8771 10 002 0436950	10210032
03/01/21-3/31/21 STATEMENT	171.27	BLDG MAINT- REVENUE & EXPENSES TELEPHONE	28900000-42210-	118021340	10210366
03/01/21-3/31/21 STATEMENT	703.10	CDD - EXPENSE GEN GOV TELEPHONE	01300100-42210-	118021340	10210366
03/01/21-3/31/21 STATEMENT	658.29	GENERAL SERVICES PW - EXPENSE TELEPHONE	01500300-42210-	118021340	10210366
03/01/21-3/31/21 STATEMENT	803.36	GS ADMIN - EXPENSE GEN GOV TELEPHONE	01100100-42210-	118021340	10210366
03/01/21-3/31/21 STATEMENT	1,405.53	POLICE - EXPENSE PUB SAFETY TELEPHONE	01200200-42210-	118021340	10210366
03/01/21-3/31/21 STATEMENT	214.41	PWA - EXPENSE PUB WORKS TELEPHONE	01400300-42210-	118021340	10210366
03/01/21-3/31/21 STATEMENT	995.63	SEWER OPER - EXPENSE W&S BUSI TELEPHONE	07800400-42210-	118021340	10210366
03/01/21-3/31/21 STATEMENT	185.72	VEHCL MAINT-REVENUE & EXPENSES TELEPHONE	29900000-42210-	118021340	10210366
03/01/21-3/31/21 STATEMENT	343.37	WATER OPER - EXPENSE W&S BUSI TELEPHONE	07700400-42210-	118021340	10210366
4/1/21-4/30/21 POLICE DEPARTMENT	4.20	POLICE - EXPENSE PUB SAFETY EQUIPMENT RENTAL	01200200-42270-	8771 10 002 0011217	10210035
Vendor Total:	**$6,015.12**				
COMMONWEALTH EDISON					
2/12/21-3/15/21 HUNTINGTON BOOSTER	489.49	WATER OPER - EXPENSE W&S BUSI ELECTRIC	07700400-42212-	0101073045	70210025
2/11/21-3/12/21 WOODS CREEK LS	843.04	SEWER OPER - EXPENSE W&S BUSI ELECTRIC	07800400-42212-	0107108145	70210079
2/15/21-3/16/21 901 SANDBLOOM ROAD	611.95	WATER OPER - EXPENSE W&S BUSI ELECTRIC	07700400-42212-	0112085088	70210026
2/12/21-3/15/21 WILBRANDT REAR TOWEI	27.52	POLICE - EXPENSE PUB SAFETY ELECTRIC	01200200-42212-	0249109037	10210007
2/12/21-3/15/21 5625 EDGEWOOD DR	14.48	GENERAL SERVICES PW - EXPENSE ELECTRIC	01500300-42212-	0254089033	50210014
2/12/21-3/15/21 STONEGATE PRV	86.77	WATER OPER - EXPENSE W&S BUSI ELECTRIC	07700400-42212-	0282127066	70210243
2/12/21-3/15/21 HANSON TOWER	165.68	WATER OPER - EXPENSE W&S BUSI ELECTRIC	07700400-42212-	1697161042	70210027
		GENERAL SERVICES PW - EXPENSE			

Vendor Invoice Description	Amount	Account Description	Account	Invoice	Purchase Order
2/12/21-3/15/21 MCCD TRAILHEAD	36.84	ELECTRIC	01500300-42212-	2073075100	50210089
2/12/21-3/15/21 SPRINGHILL/COUNTY LINE	60.63	WATER OPER - EXPENSE W&S BUSI ELECTRIC	07700400-42212-	2079003028	70210028
2/12/21-3/15/21 JACOBS TOWER	216.49	WATER OPER - EXPENSE W&S BUSI ELECTRIC	07700400-42212-	2355094078	70210029
2/12/21-3/15/21 LOWE DRIVE LS	70.16	SEWER OPER - EXPENSE W&S BUSI ELECTRIC	07800400-42212-	3027111096	70210030
2/12/21-3/15/21 CHARGING STATIONS	253.66	GENERAL SERVICES PW - EXPENSE ELECTRIC	01500300-42212-	3139139140	50210015
2/12/21-3/15/21 N RIVER ROAD LS	78.28	SEWER OPER - EXPENSE W&S BUSI ELECTRIC	07800400-42212-	3153024057	70210031
2/12/21-3/15/21 RT 31 & RT 62 STREET LIG	129.63	GENERAL SERVICES PW - EXPENSE ELECTRIC	01500300-42212-	3886048007	50210031
2/12/21-3/15/21 STREET LIGHTS	1,144.87	GENERAL SERVICES PW - EXPENSE ELECTRIC	01500300-42212-	4473011035	50210017
2/12/21-3/15/21 BRITTANY HILLS LS	50.61	SEWER OPER - EXPENSE W&S BUSI ELECTRIC	07800400-42212-	4483077090	70210024
2/12/21-3/15/21 COPPER OAKS TOWER	245.86	WATER OPER - EXPENSE W&S BUSI ELECTRIC	07700400-42212-	4777074007	70210032
2/8/21-3/9/21 WELL #13	1,464.94	WATER OPER - EXPENSE W&S BUSI ELECTRIC	07700400-42212-	5151039132	70210035
2/12/21-3/15/21 HILLSIDE BOOSTER	300.26	WATER OPER - EXPENSE W&S BUSI ELECTRIC	07700400-42212-	5743093053	70210324
Vendor Total:	**$6,291.16**				
COMPASS MINERALS AMERICA INC					
21-00000-00-GM SALT MFT	6,644.52	MFT - EXPENSE PUBLIC WORKS MATERIALS	03900300-43309-	782655	40210456
21-00000-00-GM SALT MFT	8,635.24	MFT - EXPENSE PUBLIC WORKS MATERIALS	03900300-43309-	781945	40210456
21-00000-00-GM SALT MFT	10,531.46	MFT - EXPENSE PUBLIC WORKS MATERIALS	03900300-43309-	780288	40210456
21-00000-00-GM SALT MFT	13,609.72	MFT - EXPENSE PUBLIC WORKS MATERIALS	03900300-43309-	781170	40210456
Vendor Total:	**$39,420.94**				
COMPLETE CLEANING CO INC					
CLEANING SERVICES - HVH	490.00	BUILDING MAINT. BALANCE SHEET OUTSOURCED INVENTORY	28-14240-	C17223	28210017
CLEANING SERVICES - WWTF	652.00	BUILDING MAINT. BALANCE SHEET OUTSOURCED INVENTORY	28-14240-	C17220	28210017
CLEANING SERVICES - PW	1,168.00	BUILDING MAINT. BALANCE SHEET OUTSOURCED INVENTORY	28-14240-	C17221	28210017
CLEANING SERVICES - GMC	2,247.00	BUILDING MAINT. BALANCE SHEET OUTSOURCED INVENTORY	28-14240-	C17222	28210017

Vendor / Invoice Description	Amount	Account Description	Account	Invoice	Purchase Order
	Vendor Total: $4,557.00				
CORE & MAIN LP					
METER CHANGEOUT PROGRAM	6,014.00	SEWER OPER - EXPENSE W&S BUSI METERS & METER SUPPLIES	07800400-43348-	N870205	70210019
METER CHANGEOUT PROGRAM	6,014.00	WATER OPER - EXPENSE W&S BUSI METERS & METER SUPPLIES	07700400-43348-	N870205	70210019
	Vendor Total: $12,028.00				
CREATIVE FORM & CONCEPTS					
DISCONNECTION NOTICES	559.97	WATER OPER - EXPENSE W&S BUSI PRINTING & ADVERTISING	07700400-42243-	118580	10210374
	Vendor Total: $559.97				
CRYSTAL VALLEY BATTERIES INC					
COMMERICAL BATTERY	365.60	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	1903701042973	29210126
BATTERY	86.85	BUILDING MAINT. BALANCE SHEET INVENTORY	28-14220-	1903701042941	28210040
BATTERY	540.60	BUILDING MAINT. BALANCE SHEET INVENTORY	28-14220-	1903701042958	28210040
	Vendor Total: $993.05				
DENNIS GIDLEY					
UB 3045915 620 MAJESTIC	16.70	WATER & SEWER BALANCE SHEET AR - WATER BILLING	07-12110-	107786	
	Vendor Total: $16.70				
DK CONTRACTORS INC					
MAKERS PARK SHARED USE PATH	13,697.00	STREET IMPROV- EXPENSE PUBWRKS CAPITAL IMPROVEMENTS	04900300-45593-S2063	220026.002 FINAL	40210458
	Vendor Total: $13,697.00				
DONALD PEKAREK					
UB 1052160 1031 PERRY	9.00	WATER & SEWER BALANCE SHEET AR - WATER BILLING	07-12110-	107788	
	Vendor Total: $9.00				
DREISILKER ELECTRIC MOTORS INC					
HVAC PARTS	127.50	BUILDING MAINT. BALANCE SHEET INVENTORY	28-14220-	I178873	28210090
HVAC PARTS	1,109.21	BUILDING MAINT. BALANCE SHEET INVENTORY	28-14220-	I178870	28210090
	Vendor Total: $1,236.71				
DYNEGY ENERGY SERVICES					
2/15/21-3/15/21 ALGONQUIN SHORES LS	911.92	SEWER OPER - EXPENSE W&S BUSI ELECTRIC	07800400-42212-	0033167056	70210098

Vendor / Invoice Description	Amount	Account Description	Account	Invoice	Purchase Order
2/12/21-3/14/21 BRAEWOOD LS	1,211.24	SEWER OPER - EXPENSE W&S BUSI ELECTRIC	07800400-42212-	0813024065	70210099
2/12/21-3/14/21 CARY BOOSTER	763.33	WATER OPER - EXPENSE W&S BUSI ELECTRIC	07700400-42212-	1263068132	70210280
2/12/21-3/14/21 COUNTRYSIDE BOOSTER	243.34	WATER OPER - EXPENSE W&S BUSI ELECTRIC	07700400-42212-	3909078023	70210100
2/11/21-3/11/21 GRAND RESERVE LS	752.85	SEWER OPER - EXPENSE W&S BUSI ELECTRIC	07800400-42212-	1784099011	70210101
2/15/21-3/15/21 POOL	109.28	SWIMMING POOL -EXPENSE GEN GOV ELECTRIC	05900100-42212-	4484041003	10210102
2/12/21-3/14/21 WELL #9	847.20	WATER OPER - EXPENSE W&S BUSI ELECTRIC	07700400-42212-	1753062020	70210102
2/8/21-3/8/21 WELL #15	407.78	WATER OPER - EXPENSE W&S BUSI ELECTRIC	07700400-42212-	4111038007	70210103
2/12/21-3/14/21 ZANGE BOOSTER	452.66	WATER OPER - EXPENSE W&S BUSI ELECTRIC	07700400-42212-	2425109004	70210104
Vendor Total:	**$5,699.60**				
ENGINEERING ENTERPRISES, INC					
PRV REPLACEMENT PROGRAM YEAR 2	4,029.50	W & S IMPR. - EXPENSE W&S BUSI ENGINEERING/DESIGN SERVICES	12900400-42232-W2012	71028	40210453
RISK & RESILIENCE STUDY	5,659.00	W & S IMPR. - EXPENSE W&S BUSI ENGINEERING/DESIGN SERVICES	12900400-42232-	71029	40210454
Vendor Total:	**$9,688.50**				
ENVIRONMENTAL RESOURCE ASSOCIATES					
LAB SUPPLIES - CHEMICALS	943.81	SEWER OPER - EXPENSE W&S BUSI LAB SUPPLIES	07800400-43345-	930291	70210350
Vendor Total:	**$943.81**				
EXXON MOBIL					
GAS FOR SQUADS	34.15	POLICE - EXPENSE PUB SAFETY FUEL	01200200-43340-	7187859226125291103	10210263
Vendor Total:	**$34.15**				
FEDEX					
CONSTRUCTION PROJECT SHIPPING	24.96	PWA - EXPENSE PUB WORKS POSTAGE	01400300-43317-	7-294-15338	10210009
GSA SHIPPING - IEPA LOAN	29.09	GS ADMIN - EXPENSE GEN GOV POSTAGE	01100100-43317-	7-309-56118	10210008
Vendor Total:	**$54.05**				
FISHER AUTO PARTS INC					
RETURNED ANTENNA MAST	-420.62	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	325-557503	29210097
RETURNED BRAKE ROTOR & CLAMP	-155.21	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	325-563702	29210097

Vendor Invoice Description	Amount	Account Description	Account	Invoice	Purchase Order
RETURNED EXHAUST FLUID	-124.80	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	325-561007	29210097
RELAY SWITCH	11.49	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	325-564010	29210097
OIL FITLER	11.60	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	325-563276	29210097
LIGHT BULB	12.34	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	325-564358	29210097
FUEL WATER SEPARATOR FILTER	13.15	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	325-562922	29210097
WINTER WIPER BLADES	13.40	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	325-564641	29210097
OIL FILTER	14.20	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	325-565029	29210097
OIL FILTER	17.43	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	325-563551	29210097
SERPENTINE BELT	18.14	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	325-564800	29210097
DELAY RELAY SWITCH	19.52	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	325-563964	29210097
WIPER BLADES	20.46	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	325-564331	29210097
OIL FILTER	27.65	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	325-563680	29210097
COOLANT HOSE	32.09	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	325-563868	29210097
STABILIZER BAR LINK KIT	34.13	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	325-563297	29210097
OIL FILTERS	43.39	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	325-564640	29210097
WINDSHIELD WASHER SOLVENT	53.64	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	325-563475	29210097
OIL FILTERS/AIR FILTER	57.15	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	325-562915	29210097
ENGINE DEGREASER	61.08	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	325-563760	29210097
OIL FILTER/WINTER WIPER BLADES	64.05	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	325-565079	29210097
DIESEL EXHAUST FLUID	79.90	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	325-563809	29210097
DIESEL EXHAUST FLUID	124.80	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	325-560995	29210097
OIL FILTERS/BRAKE PADS & ROTOR	153.52	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	325-564122	29210097

Vendor / Invoice Description	Amount	Account Description	Account	Invoice	Purchase Order
OIL FILTERS/BRAKE PADS & ROTOR	176.56	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	325-565186	29210097
BRAKE PADS & ROTOR	192.63	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	325-563096	29210097
ANTENNA MAST	377.39	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	325-557504	29210097
	Vendor Total: $929.08				
FOSTER COACH SALES INC					
ROTARY LATCH	153.34	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	21434	29210020
	Vendor Total: $153.34				
FOX VALLEY INTERNAL MEDICINE					
UB 2099583 1465 COMMERCE	10.00	WATER & SEWER BALANCE SHEET AR - WATER BILLING	07-12110-	107777	
	Vendor Total: $10.00				
G & O THERMAL SUPPLY COMPANY					
SEAL KIT	449.60	BUILDING MAINT. BALANCE SHEET INVENTORY	28-14220-	2102646-00	28210099
	Vendor Total: $449.60				
GERALD A CAVANAUGH					
EXTERMINATOR - FEBRUARY 2021	185.00	BUILDING MAINT. BALANCE SHEET OUTSOURCED INVENTORY	28-14240-	4518	28210009
	Vendor Total: $185.00				
GLOBAL EQUIPMENT COMPANY					
ANTI ICING PUMP	1,160.94	GENERAL SERVICES PW - EXPENSE SMALL TOOLS & SUPPLIES	01500300-43320-	117327515	50210155
	Vendor Total: $1,160.94				
GOVTEMPSUSA LLC					
2/22/21-3/7/21 BLANCHARD	3,451.00	CDD - EXPENSE GEN GOV PROFESSIONAL SERVICES	01300100-42234-	3692207	30210030
2/22/21-3/7/21 DARROW	8,134.00	CDD - EXPENSE GEN GOV PROFESSIONAL SERVICES	01300100-42234-	3692207	10210347
3/8/21-3/21/21 BLANCHARD	1,522.50	CDD - EXPENSE GEN GOV PROFESSIONAL SERVICES	01300100-42234-	3700523	30210030
3/8/21-3/21/21 DARROW	7,840.00	CDD - EXPENSE GEN GOV PROFESSIONAL SERVICES	01300100-42234-	3700523	10210347
	Vendor Total: $20,947.50				
GRAINGER					
BATTERIES	25.67	BLDG MAINT- REVENUE & EXPENSES SMALL TOOLS & SUPPLIES	28900000-43320-	9837728584	50210161
		GENERAL SERVICES PW - EXPENSE			

Vendor Invoice Description	Amount	Account Description	Account	Invoice	Purchase Order
BATTERIES	25.68	SMALL TOOLS & SUPPLIES	01500300-43320-	9837728584	50210161
BATTERIES	25.67	SEWER OPER - EXPENSE W&S BUSI SMALL TOOLS & SUPPLIES	07800400-43320-	9837728584	50210161
BATTERIES	25.67	VEHCL MAINT-REVENUE & EXPENSES SMALL TOOLS & SUPPLIES	29900000-43320-	9837728584	50210161
BATTERIES	25.67	WATER OPER - EXPENSE W&S BUSI SMALL TOOLS & SUPPLIES	07700400-43320-	9837728584	50210161
4-WAY CONNECTOR	13.57	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	9831111373	29210043
FIRE EXTINGUISHER	116.82	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	9837055525	29210043
BULB	21.50	BUILDING MAINT. BALANCE SHEET INVENTORY	28-14220-	9830461886	28210016
FILTER	32.80	BUILDING MAINT. BALANCE SHEET INVENTORY	28-14220-	9835070690	28210016
BALLAST	92.70	BUILDING MAINT. BALANCE SHEET INVENTORY	28-14220-	9834407471	28210016
VACUUM BREAKER REPAIR KIT	174.83	BUILDING MAINT. BALANCE SHEET INVENTORY	28-14220-	9826897770	28210016
WASP & HORNET KILLER	215.52	BUILDING MAINT. BALANCE SHEET INVENTORY	28-14220-	9841610075	28210016
V-BELT/LIGHT BULBS/FILTER ELEMENT	258.67	BUILDING MAINT. BALANCE SHEET INVENTORY	28-14220-	9845690867	28210016
	Vendor Total: $1,054.77				
H & H ELECTRIC CO					
21-00000-00-GM STREET LIGHT	734.62	MFT - EXPENSE PUBLIC WORKS MAINT - STREET LIGHTS	03900300-44429-	36469	40210446
21-00000-00-GM STREET LIGHT	3,643.09	MFT - EXPENSE PUBLIC WORKS MAINT - STREET LIGHTS	03900300-44429-	36468	40210451
21-00000-00-GM STREET LIGHT	7,012.50	MFT - EXPENSE PUBLIC WORKS MAINT - STREET LIGHTS	03900300-44429-	36488	40210457
	Vendor Total: $11,390.21				
HALOGEN SUPPLY CO					
POOL SUPPLIES	2,370.40	BUILDING MAINT. BALANCE SHEET INVENTORY	28-14220-	00560003	28210098
	Vendor Total: $2,370.40				
HANDMADE ON MAIN					
W/S PROGRAM - EGG PAINTING	16.00	RECREATION - EXPENSE GEN GOV RECREATION PROGRAMS	01101100-47701-	182354	10210369
	Vendor Total: $16.00				
HD SUPPLY FACILITIES MAINTENANCE LTD					
		WATER OPER - EXPENSE W&S BUSI			

Vendor / Invoice Description	Amount	Account Description	Account	Invoice	Purchase Order
TUBING	70.95	MAINT - TREATMENT FACILITY	07700400-44412-	520847	70210353
LAB SUPPLIES	4,093.42	WATER OPER - EXPENSE W&S BUSI LAB SUPPLIES	07700400-43345-	523727	70210352
	Vendor Total: $4,164.37				
HERITAGE CRYSTAL CLEAN					
WASTE DISPOSAL	163.04	VEHCL MAINT-REVENUE & EXPENSES PROFESSIONAL SERVICES	29900000-42234-	16708971	29210017
	Vendor Total: $163.04				
IL STATE POLICE BUREAU OF IDENTIFICATION					
SEECOM BACKGROUND - LOPER	28.25	GEN FUND REVENUE - GEN GOV LICENSES	01000100-32085-	01741 FEB 2021	20210036
	Vendor Total: $28.25				
ISAWWA					
WATER DIST. CLASS - KORNFEIND	330.00	WATER OPER - EXPENSE W&S BUSI TRAVEL/TRAINING/DUES	07700400-47740-	200058059	70210345
	Vendor Total: $330.00				
IT SUPPLIES INC					
SIGN LAMINATE	200.00	GENERAL SERVICES PW - EXPENSE SIGN PROGRAM	01500300-43366-	ITS000000520939	50210157
SIGN PRINTER INK	205.00	GENERAL SERVICES PW - EXPENSE SIGN PROGRAM	01500300-43366-	ITS000000521980	50210164
SIGN PRINTER INK	270.00	GENERAL SERVICES PW - EXPENSE SIGN PROGRAM	01500300-43366-	ITS000000522212	50210164
	Vendor Total: $675.00				
JARVIS A SMITH					
UB 3188756 2625 LOREN	121.15	WATER & SEWER BALANCE SHEET AR - WATER BILLING	07-12110-	107789	
	Vendor Total: $121.15				
JOSEPH BARTOLAI					
G BARTOLAI/NISRA/SPRING CLASS	30.00	RECREATION - EXPENSE GEN GOV PROFESSIONAL SERVICES	01101100-42234-	NISRA REIMBURSEMENT	
	Vendor Total: $30.00				
JOSEPH D FOREMAN & CO					
REPAIR CLAMP	648.00	WATER OPER - EXPENSE W&S BUSI MAINT - DISTRIBUTION SYSTEM	07700400-44415-	328793	70210356
	Vendor Total: $648.00				
KEVIN DOWNING					
UB 3147268 3650 WHITE DEER	90.10	WATER & SEWER BALANCE SHEET AR - WATER BILLING	07-12110-	107784	
	Vendor Total: $90.10				

Vendor Invoice Description	Amount	Account Description	Account	Invoice	Purchase Order
KRONOS INC					
FY21 KRONOS WFC ANNUAL MAINT	6,031.46	GEN NONDEPT - EXPENSE GEN GOV IT EQUIP. & SUPPLIES - GEN GOV	01900100-43333-	11599275	10210377
FY21 KRONOS WFC ANNUAL MAINT	753.93	SEWER OPER - EXPENSE W&S BUSI IT EQUIPMENT & SUPPLIES	07800400-43333-	11599275	10210377
FY21 KRONOS WFC ANNUAL MAINT	753.93	WATER OPER - EXPENSE W&S BUSI IT EQUIPMENT & SUPPLIES	07700400-43333-	11599275	10210377
Vendor Total:	**$7,539.32**				
LAURA DINICOLA					
UB 3156438 14 GILLINGHAM	62.40	WATER & SEWER BALANCE SHEET AR - WATER BILLING	07-12110-	107785	
Vendor Total:	**$62.40**				
LAUTERBACH & AMEN LLP					
PAYROLL SERVICES - FEBRUARY 2021	3,356.50	GS ADMIN - EXPENSE GEN GOV PROFESSIONAL SERVICES	01100100-42234-	53699	10210023
PAYROLL SERVICES - FEBRUARY 2021	719.25	SEWER OPER - EXPENSE W&S BUSI PROFESSIONAL SERVICES	07800400-42234-	53699	10210023
PAYROLL SERVICES - FEBRUARY 2021	719.25	WATER OPER - EXPENSE W&S BUSI PROFESSIONAL SERVICES	07700400-42234-	53699	10210023
Vendor Total:	**$4,795.00**				
LAWSON PRODUCTS INC					
SIGN HARDWARE	500.92	GENERAL SERVICES PW - EXPENSE SIGN PROGRAM	01500300-43366-	9308269656	50210153
ORANGE WIPES/DRILL BITS/FITTINGS/O-I	508.61	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	9308271139	29210006
DRILL BITS/CABLE TIES/CLAMP/WASHER	551.02	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	9308308225	29210006
HOOKS/BINDING CHAIN	583.51	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	9308271140	29210006
Vendor Total:	**$2,144.06**				
LEACH ENTERPRISES INC					
AIR GOVERNOR	17.98	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	972341	29210049
BRAKE CORE KIT/SHOE KIT	63.86	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	972925	29210049
BRAKE CORE KIT/SHOE KIT	111.26	INVENTORY	29-14220-	972925	29210049
Vendor Total:	**$193.10**				
LENNAR HOMES					
UB 1159014 2141 MAGENTA	21.33	WATER & SEWER BALANCE SHEET AR - WATER BILLING	07-12110-	107779	
UB 1159028 2101 MAGENTA	13.35	WATER & SEWER BALANCE SHEET AR - WATER BILLING	07-12110-	107787	

Vendor Invoice Description	Amount	Account Description	Account	Invoice	Purchase Order
	Vendor Total: $34.68				
M & A PRECISION AUTO INC					
SAFETY LANE #617	36.00	VEHICLE MAINT. BALANCE SHEET OUTSOURCED INVENTORY	29-14240-	17402	29210145
SAFETY LANE #533	54.00	VEHICLE MAINT. BALANCE SHEET OUTSOURCED INVENTORY	29-14240-	17402	29210145
SAFETY LANE #624	54.00	VEHICLE MAINT. BALANCE SHEET OUTSOURCED INVENTORY	29-14240-	17402	29210145
SAFETY LANE #804	35.00	VEHICLE MAINT. BALANCE SHEET OUTSOURCED INVENTORY	29-14240-	17520	29210145
SAFETY LANE #823	35.00	VEHICLE MAINT. BALANCE SHEET OUTSOURCED INVENTORY	29-14240-	17520	29210145
SAFETY LANE #527	54.00	VEHICLE MAINT. BALANCE SHEET OUTSOURCED INVENTORY	29-14240-	17520	29210145
SAFETY LANE #524	36.00	VEHICLE MAINT. BALANCE SHEET OUTSOURCED INVENTORY	29-14240-	17520	29210145
SAFETY LANE #528	36.00	VEHICLE MAINT. BALANCE SHEET OUTSOURCED INVENTORY	29-14240-	17520	29210145
SAFETY LANE #521	36.00	VEHICLE MAINT. BALANCE SHEET OUTSOURCED INVENTORY	29-14240-	17520	29210145
SAFETY LANE #824	35.00	VEHICLE MAINT. BALANCE SHEET OUTSOURCED INVENTORY	29-14240-	17520	29210145
SAFETY LANE #513	36.00	VEHICLE MAINT. BALANCE SHEET OUTSOURCED INVENTORY	29-14240-	17520	29210145
SAFETY LANE #518	35.00	VEHICLE MAINT. BALANCE SHEET OUTSOURCED INVENTORY	29-14240-	17520	29210145
SAFETY LANE #566	35.00	VEHICLE MAINT. BALANCE SHEET OUTSOURCED INVENTORY	29-14240-	17520	29210145
SAFETY LANE #569	35.00	VEHICLE MAINT. BALANCE SHEET OUTSOURCED INVENTORY	29-14240-	17520	29210145
SAFETY LANE #522	36.00	VEHICLE MAINT. BALANCE SHEET OUTSOURCED INVENTORY	29-14240-	17520	29210145
SAFETY LANE #502	35.00	VEHICLE MAINT. BALANCE SHEET OUTSOURCED INVENTORY	29-14240-	17520	29210145
	Vendor Total: $623.00				
MANDEL METALS INC					
SIGN BLANKS FOR DOWNTOWN	1,574.40	GENERAL SERVICES PW - EXPENSE SIGN PROGRAM	01500300-43366-	33655	50210163
	Vendor Total: $1,574.40				
MANSFIELD OIL COMPANY					
FUEL	3,492.84	VEHICLE MAINT. BALANCE SHEET FUEL INVENTORY	29-14200-	22237221	29210009
		VEHICLE MAINT. BALANCE SHEET			

Vendor / Invoice Description	Amount	Account Description	Account	Invoice	Purchase Order
FUEL	4,145.20	FUEL INVENTORY	29-14200-	22260022	29210009
FUEL	4,726.57	VEHICLE MAINT. BALANCE SHEET FUEL INVENTORY	29-14200-	22237220	29210009
FUEL	5,003.86	VEHICLE MAINT. BALANCE SHEET FUEL INVENTORY	29-14200-	22259963	29210009
	Vendor Total: $17,368.47				
MARSH USA INC					
AUGER VILLAGE CLERK BOND	100.00	GEN NONDEPT - EXPENSE GEN GOV INSURANCE	01900100-42236-	376334702257	10210378
	Vendor Total: $100.00				
MARTELLE WATER TREATMENT					
SODIUM HYPOCHLORITE	4,244.00	WATER OPER - EXPENSE W&S BUSI CHEMICALS	07700400-43342-	21312	70210013
SODIUM HYPOCHLORITE	4,744.00	WATER OPER - EXPENSE W&S BUSI CHEMICALS	07700400-43342-	21254	70210013
CITRIC ACID	6,468.30	WATER OPER - EXPENSE W&S BUSI CHEMICALS	07700400-43342-	21263	70210013
	Vendor Total: $15,456.30				
MCHENRY CNTY DIVISION OF TRANSPORTATIOI					
S CURVE LIGHTING	133.05	GENERAL SERVICES PW - EXPENSE ELECTRIC	01500300-42212-	CI00028755	50210159
	Vendor Total: $133.05				
MCHENRY COUNTY EDC					
2021 INVESTMENT PLEDGE	1,500.00	HOTEL TAX - EXPENSE GEN GOV REGIONAL / MARKETING	16260100-42252-	21062	10210361
	Vendor Total: $1,500.00				
MENARDS CARPENTERSVILLE					
TRASH PICKERS	51.96	GENERAL SERVICES PW - EXPENSE SMALL TOOLS & SUPPLIES	01500300-43320-	71795	50210168
TOOLS, EQUIPMENT & SUPPLIES	256.04	SEWER OPER - EXPENSE W&S BUSI SMALL TOOLS & SUPPLIES	07800400-43320-	71110	70210349
	Vendor Total: $308.00				
METRO STRATEGIES INC					
PR FIRM - FEBRUARY 2021	3,000.00	STREET IMPROV- EXPENSE PUBWRKS ENGINEERING/DESIGN SERVICES	04900300-42232-	ALPW-20	40210004
	Vendor Total: $3,000.00				
MICHAEL DARROW					
LIVING EXPENSE APRIL 2021	500.00	CDD - EXPENSE GEN GOV PROFESSIONAL SERVICES	01300100-42234-	APRIL EXPENSE	10210348
	Vendor Total: $500.00				
MID-TOWN PETROLEUM ACQUISITION LLC					

Vendor Invoice Description	Amount	Account Description	Account	Invoice	Purchase Order
OIL	135.10	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	1330356-IN	29210171
COOLANT	584.38	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	1333463-IN	29210174
	Vendor Total: $719.48				
MIDAMERICAN ENERGY SERVICES LLC					
2/12/21-3/15/21 WWTF	20,226.05	SEWER OPER - EXPENSE W&S BUSI ELECTRIC	07800400-42212-	455591	70210080
2/12/21-3/15/21 WTP #1	4,326.18	WATER OPER - EXPENSE W&S BUSI ELECTRIC	07700400-42212-	455594	70210096
2/17/21-3/18/21 WTP #2	4,475.25	WATER OPER - EXPENSE W&S BUSI ELECTRIC	07700400-42212-	455592	70210081
2/8/21-3/9/21 WTP #3	2,708.75	WATER OPER - EXPENSE W&S BUSI ELECTRIC	07700400-42212-	455531	70210082
2/12/21-3/15/21 WELL #7 & #11	3,421.60	WATER OPER - EXPENSE W&S BUSI ELECTRIC	07700400-42212-	455593	70210097
	Vendor Total: $35,157.83				
MIDWEST CHLORINATING INC					
VALVE	6,000.00	WATER OPER - EXPENSE W&S BUSI MAINT - DISTRIBUTION SYSTEM	07700400-44415-	034-21pc	70210346
	Vendor Total: $6,000.00				
MORROW BROTHERS FORD INC					
2020 FORD SQUAD	37,880.00	POLICE - EXPENSE PUB SAFETY CAPITAL PURCHASE	01200200-45590-	T4825	10210372
2020 FORD SQUAD	37,880.00	POLICE - EXPENSE PUB SAFETY CAPITAL PURCHASE	01200200-45590-	T4824	10210372
	Vendor Total: $75,760.00				
NAPA AUTO SUPPLY ALGONQUIN					
RETURNED SOLENOID/BLOWER MOTOR	-128.52	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	109260	29210133
CORE DEPOSIT REFUND	-9.00	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	110183	29210133
CONNECTOR	5.99	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	108975	29210133
OIL	8.54	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	110548	29210133
OZIUM GEL	9.58	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	109239	29210133
BRAKE CLEANER	29.88	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	110096	29210133
BRACKET	51.24	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	108618	29210133

Vendor Invoice Description	Amount	Account Description	Account	Invoice	Purchase Order
BATTERY	55.49	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	110157	29210133
BRAKE CLEANER	89.64	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	110152	29210133
CONTROL ARM AND BALL	171.94	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	110582	29210133
	Vendor Total: $284.78				
NICOR GAS					
2/5/21-3/8/21 WTP #2	523.45	WATER OPER - EXPENSE W&S BUSI NATURAL GAS	07700400-42211-	00-63-34-1000 6	70210036
2/9/21-3/10/21 WTP #3	884.42	WATER OPER - EXPENSE W&S BUSI NATURAL GAS	07700400-42211-	04-29-91-4436 2	70210037
2/4/21-3/5/21 WTP #1	720.12	WATER OPER - EXPENSE W&S BUSI NATURAL GAS	07700400-42211-	44-94-77-1000 8	70210038
2/4/21-3/5/21 POOL HOUSE	122.02	SWIMMING POOL -EXPENSE GEN GOV NATURAL GAS	05900100-42211-	77-21-74-1000 8	10210010
2/5/21-3/8/21 WWTF	338.66	SEWER OPER - EXPENSE W&S BUSI NATURAL GAS	07800400-42211-	83-83-64-3667 1	70210039
2/4/21-3/5/21 BATH HOUSE	38.82	SWIMMING POOL -EXPENSE GEN GOV NATURAL GAS	05900100-42211-	87-21-74-1000 7	10210011
2/5/21-3/8/21 DIGESTER BUILDING	683.45	SEWER OPER - EXPENSE W&S BUSI NATURAL GAS	07800400-42211-	93-54-83-1000 7	70210302
2/5/21-3/8/21 DIGESTER BUILDING	1,329.04	NATURAL GAS	07800400-42211-	93-54-83-1000 7	70210302
	Vendor Total: $4,639.98				
NORTHWEST TRUCKS INC					
RETURNED CLUTCH ASSEMBLY	-148.07	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	X101027965	29210021
RETURNED VALVE REPAIR KIT	-31.45	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	X101025737	29210021
SWITCH ROCKER	28.70	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	X101025719	29210021
CLUTCH ASSEMBLY	148.07	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	X101027633	29210021
A/C COMPRESSER	286.52	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	X101027915	29210021
	Vendor Total: $283.77				
OFFICE DEPOT					
DISINFECTING SUPPLIES	585.49	POLICE - EXPENSE PUB SAFETY OFFICE SUPPLIES	01200200-43308-	162910849001	20210141
TELEPHONE CORD	14.58	CDD - EXPENSE GEN GOV OFFICE SUPPLIES	01300100-43308-	159441258001	30210009
RETURNED TAPE/PAPER/MARKERS	-141.51	PWA - EXPENSE PUB WORKS OFFICE SUPPLIES	01400300-43308-	150188232001	40210002

Vendor / Invoice Description	Amount	Account Description	Account	Invoice	Purchase Order
COLORED FOLDERS	5.34	PWA - EXPENSE PUB WORKS OFFICE SUPPLIES	01400300-43308-	147099266002	40210002
PAPER	69.98	PWA - EXPENSE PUB WORKS OFFICE SUPPLIES	01400300-43308-	162189674001	40210002
2021 CALENDAR	103.98	PWA - EXPENSE PUB WORKS OFFICE SUPPLIES	01400300-43308-	152146323001	40210002
	Vendor Total: $637.86				
PATTEN INDUSTRIES INC					
FLASHER	52.04	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	P60C0235005	29210037
	Vendor Total: $52.04				
POMPS TIRE SERVICE INC					
TIRES	193.72	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	640088699	29210128
TIRES	749.00	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	640088732	29210128
	Vendor Total: $942.72				
R A ADAMS ENTERPRISES					
GATE PULLEY	70.06	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	S037244	29210011
WESTERN RAM ANGLE	254.57	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	S037546	29210011
WESTERN CUTTING EDGE	1,044.00	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	S035808	29210011
	Vendor Total: $1,368.63				
RALPH HELM INC					
SCRENCH	25.47	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	121943	29210008
BAR AND CHAIN	58.49	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	122078	29210008
	Vendor Total: $83.96				
RAY O'HERRON CO INC					
UNIFORM - WATSON	173.98	POLICE - EXPENSE PUB SAFETY UNIFORMS & SAFETY ITEMS	01200200-47760-	2092622-IN	20210007
	Vendor Total: $173.98				
RED WING SHOE STORE					
BOOTS - MOZOLA	189.47	GENERAL SERVICES PW - EXPENSE UNIFORMS & SAFETY ITEMS	01500300-47760-	20210318010153	50210160
B0OOTS - MILLER	100.00	SEWER OPER - EXPENSE W&S BUSI UNIFORMS & SAFETY ITEMS	07800400-47760-	955-1-50043	70210359
		WATER OPER - EXPENSE W&S BUSI			

Vendor / Invoice Description	Amount	Account Description	Account	Invoice	Purchase Order
B0OOTS - MILLER	100.00	UNIFORMS & SAFETY ITEMS	07700400-47760-	955-1-50043	70210359
	Vendor Total: $389.47				
ROBERT SANDSTROM					
UB 3188607 2634 POND VIEW	22.35	WATER & SEWER BALANCE SHEET AR - WATER BILLING	07-12110-	107778	
	Vendor Total: $22.35				
ROCK 'N' KIDS INC					
W/S PROGRAM SESSION 1	120.00	RECREATION - EXPENSE GEN GOV RECREATION PROGRAMS	01101100-47701-	ALGWII21	10210368
	Vendor Total: $120.00				
RTD SEALS CORP					
MECHANICAL SEALS	4,813.55	SEWER OPER - EXPENSE W&S BUSI MAINT - LIFT STATION	07800400-44414-	INV000168657	70210351
	Vendor Total: $4,813.55				
RUSH TRUCK CENTER					
LINK STEERING DRAG	125.00	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	3022845453	29210170
EXHAUST PIPE/CLAMPS	662.88	VEHICLE MAINT. BALANCE SHEET INVENTORY	29-14220-	3022796938	29210170
	Vendor Total: $787.88				
SHAWN CARLSON					
UB 3065531 1981 TUNBRIDGE	62.40	WATER & SEWER BALANCE SHEET AR - WATER BILLING	07-12110-	107783	
	Vendor Total: $62.40				
SNAP ON TOOLS					
TOOLS	6.25	VEHCL MAINT-REVENUE & EXPENSES SMALL TOOLS & SUPPLIES	29900000-43320-	03042136736	29210168
TOOLS	90.80	WATER OPER - EXPENSE W&S BUSI SMALL TOOLS & SUPPLIES	07700400-43320-	03042136736	29210168
	Vendor Total: $97.05				
SPRING ALIGN OF PALATINE INC					
UNIT 9142 REAR LEAF SPRINGS	2,448.98	VEHICLE MAINT. BALANCE SHEET OUTSOURCED INVENTORY	29-14240-	117626	29210173
	Vendor Total: $2,448.98				
STANDARD EQUIPMENT COMPANY					
TOOL FOR VACTOR	499.42	SEWER OPER - EXPENSE W&S BUSI SMALL TOOLS & SUPPLIES	07800400-43320-	P27489	70210358
TOOL FOR VACTOR	499.43	WATER OPER - EXPENSE W&S BUSI SMALL TOOLS & SUPPLIES	07700400-43320-	P27489	70210358
	Vendor Total: $998.85				

Vendor / Invoice Description	Amount	Account Description	Account	Invoice	Purchase Order
STEVE KOKINADIS					
UB 3045270 841 BRISTOL	23.35	WATER & SEWER BALANCE SHEET AR - WATER BILLING	07-12110-	107781	
	Vendor Total: $23.35				
SUNG DO KANG					
UB 3055363 3530 LAKEVIEW	63.40	WATER & SEWER BALANCE SHEET AR - WATER BILLING	07-12110-	107782	
	Vendor Total: $63.40				
TITAN SUPPLY					
GLASS CLEANER	75.40	BUILDING MAINT. BALANCE SHEET INVENTORY	28-14220-	27810	28210011
WINDSHIELD TOWELS/HAND SANITIZER	149.20	BUILDING MAINT. BALANCE SHEET INVENTORY	28-14220-	27770	28210011
	Vendor Total: $224.60				
TODAYS UNIFORMS					
UNIFORM - PD STOCK	475.00	POLICE - EXPENSE PUB SAFETY UNIFORMS & SAFETY ITEMS	01200200-47760-	199521	20210090
MASKS	2,190.00	POLICE - EXPENSE PUB SAFETY OFFICE SUPPLIES	01200200-43308-	199779	20210139
	Vendor Total: $2,665.00				
TRINE CONSTRUCTION CORP					
DOWNTOWN STREETSCAPE STAGE 3	77,076.54	W & S IMPR. - EXPENSE W&S BUSI WASTEWATER COLLECTION	12900400-45526-W1943	APPLICATION #12	40210448
DOWNTOWN STREETSCAPE STAGE 3	9,526.31	WATER MAIN	12900400-45565-W1953	APPLICATION #12	40210448
	Vendor Total: $86,602.85				
TROTTER & ASSOCIATES INC					
WOODS CREEK LS UPGRADES	6,348.75	W & S IMPR. - EXPENSE W&S BUSI ENGINEERING/DESIGN SERVICES	12900400-42232-W2121	18124	40210438
DOWNTOWN STREETSCAPE STAGE 3	11,720.41	W & S IMPR. - EXPENSE W&S BUSI ENGINEERING/DESIGN SERVICES	12900400-42232-W1942	18147	40210452
DOWNTOWN STREETSCAPE STAGE 3	1,448.59	ENGINEERING/DESIGN SERVICES	12900400-42232-W1952	18147	40210452
WWTP IMPROVEMENTS PHASE 6B	60,385.80	W & S IMPR. - EXPENSE W&S BUSI ENGINEERING/DESIGN SERVICES	12900400-42232-W1843	18123	40210439
	Vendor Total: $79,903.55				
US BANK EQUIPMENT FINANCE					
RICOH COPIER 04/17/2021	170.39	CDD - EXPENSE GEN GOV LEASES - NON CAPITAL	01300100-42272-	439195082	10210030
RICOH COPIER 04/17/2021	36.90	CDD - INTEREST EXPENSE INTEREST EXPENSE	01300600-47790-	439195082	10210030
RICOH COPIER 04/17/2021	36.90	PUBLIC WORKS ADMIN - INT EXP INTEREST EXPENSE	01400600-47790-	439195082	10210030

Vendor Invoice Description	Amount	Account Description	Account	Invoice	Purchase Order
		PWA - EXPENSE PUB WORKS			
RICOH COPIER 04/17/2021	170.40	LEASES - NON CAPITAL	01400300-42272-	439195082	10210030
	Vendor Total: $414.59				
VARITECH INDUSTRIES INC					
		VEHICLE MAINT. BALANCE SHEET			
SENSORS	616.01	INVENTORY	29-14220-	060-1021009	29210167
	Vendor Total: $616.01				
VERIZON WIRELESS SERVICES LLC					
		BLDG MAINT- REVENUE & EXPENSES			
2/14/21-3/13/21 STATEMENT	59.58	TELEPHONE	28900000-42210-	9875480040	10210375
		CDD - EXPENSE GEN GOV			
2/14/21-3/13/21 STATEMENT	331.00	TELEPHONE	01300100-42210-	9875480040	10210375
		GEN NONDEPT - EXPENSE GEN GOV			
2/14/21-3/13/21 STATEMENT	1.78	IT EQUIP. & SUPPLIES - GEN GOV	01900100-43333-	9875480040	10210375
		GENERAL SERVICES PW - EXPENSE			
2/14/21-3/13/21 STATEMENT	819.18	TELEPHONE	01500300-42210-	9875480040	10210375
		GS ADMIN - EXPENSE GEN GOV			
2/14/21-3/13/21 STATEMENT	457.11	TELEPHONE	01100100-42210-	9875480040	10210375
2/14/21-3/13/21 STATEMENT	149.99	IT EQUIPMENT & SUPPLIES	01100100-43333-	9875480040	10210375
		POLICE - EXPENSE PUB SAFETY			
2/14/21-3/13/21 STATEMENT	481.65	TELEPHONE	01200200-42210-	9875480040	10210375
		PWA - EXPENSE PUB WORKS			
2/14/21-3/13/21 STATEMENT	161.98	TELEPHONE	01400300-42210-	9875480040	10210375
		RECREATION - EXPENSE GEN GOV			
2/14/21-3/13/21 STATEMENT	105.93	TELEPHONE	01101100-42210-	9875480040	10210375
		SEWER OPER - EXPENSE W&S BUSI			
2/14/21-3/13/21 STATEMENT	565.90	TELEPHONE	07800400-42210-	9875480040	10210375
		VEHCL MAINT-REVENUE & EXPENSES			
2/14/21-3/13/21 STATEMENT	99.16	TELEPHONE	29900000-42210-	9875480040	10210375
		WATER OPER - EXPENSE W&S BUSI			
2/14/21-3/13/21 STATEMENT	511.03	TELEPHONE	07700400-42210-	9875480040	10210375
	Vendor Total: $3,744.29				
WATER PRODUCTS CO AURORA					
		WATER OPER - EXPENSE W&S BUSI			
FLANGE GASKET/BOLT AND NUT	28.00	MAINT - TREATMENT FACILITY	07700400-44412-	0301345	70210347
		WATER OPER - EXPENSE W&S BUSI			
FIRE HYDRANT	2,837.28	MAINT - DISTRIBUTION SYSTEM	07700400-44415-	0301458	70210354
	Vendor Total: $2,865.28				
WESTMONT INTERIOR SUPPLY HOUSE					
		BUILDING MAINT. BALANCE SHEET			
ANGLED TEGULAR	372.40	INVENTORY	28-14220-	130160072	28210101
	Vendor Total: $372.40				

Vendor Invoice Description	Amount	Account Description	Account	Invoice	Purchase Order
WILLIAMS BROTHERS CONSTRUCTION INC					
WWTP IMPROVEMENTS PHASE 6B	581,260.16	W & S IMPR. - EXPENSE W&S BUSI WASTEWATER TREATMENT PLAI	12900400-45570-W1844	APPLICATION #10	40210447
	Vendor Total: $581,260.16				
ZIEGLERS ACE HARDWARE					
FASTENERS	5.66	SEWER OPER - EXPENSE W&S BUSI SMALL TOOLS & SUPPLIES	07800400-43320-	038493/L	70210348
TRASH PICKERS	50.97	GENERAL SERVICES PW - EXPENSE SMALL TOOLS & SUPPLIES	01500300-43320-	38513/L	50210167
	Vendor Total: $56.63				
ZUKOWSKI ROGERS FLOOD & MCARDLE					
TRAFFIC CASES, ORDINANCE VIOLATION	5,562.50	POLICE - EXPENSE PUB SAFETY LEGAL SERVICES	01200200-42230-	148353	
TRAFFIC CASES, ORD VIOL-COSTS ADVA	14.32	POLICE - EXPENSE PUB SAFETY LEGAL SERVICES	01200200-42230-	148353	
PLANNING, ZONING, BLDG COMMISSION	175.00	CDD - EXPENSE GEN GOV LEGAL SERVICES	01300100-42230-	148353	
PERSONNEL MATTERS	1,706.25	GS ADMIN - EXPENSE GEN GOV LEGAL SERVICES	01100100-42230-	148353	
PERSONNEL MATTERS	568.75	POLICE - EXPENSE PUB SAFETY LEGAL SERVICES	01200200-42230-	148353	
MISCELLANEOUS	218.75	CDD - EXPENSE GEN GOV LEGAL SERVICES	01300100-42230-	148353	
MISCELLANEOUS	262.50	GS ADMIN - EXPENSE GEN GOV LEGAL SERVICES	01100100-42230-	148353	
MEETINGS	1,225.00	GS ADMIN - EXPENSE GEN GOV LEGAL SERVICES	01100100-42230-	148353	
PUBLIC WORKS ADMINISTRATION	350.00	PWA - EXPENSE PUB WORKS LEGAL SERVICES	01400300-42230-	148353	
CREEK TAP	393.75	STREET IMPROV- EXPENSE PUBWRKS LAND ACQUISITION	04900300-45595-	148353	
CREEKSIDE TAP - COSTS ADVANCED	109.00	STREET IMPROV- EXPENSE PUBWRKS LAND ACQUISITION	04900300-45595-	148353	
DAWSON LOT 120	262.50	STREET IMPROV- EXPENSE PUBWRKS LEGAL SERVICES	04900300-42230-	148353	
DAWSON LOT 120 - COSTS ADVANCED	981.46	STREET IMPROV- EXPENSE PUBWRKS LEGAL SERVICES	04900300-42230-	148353	
COVID ISSUES FEBRUARY 2021	525.00	GS ADMIN - EXPENSE GEN GOV LEGAL SERVICES	01100100-42230-	148358	10210370
	Vendor Total: $12,354.78				

Vendor / Invoice Description	Amount	Account Description	Account	Invoice	Purchase Order

REPORT TOTAL: $1,429,521.77

Village of Algonquin

List of BIlls 4/6/2021

FUND RECAP:

FUND	DESCRIPTION	DISBURSEMENTS
01	GENERAL	220,709.70
03	MFT	50,811.15
04	STREET IMPROVEMENT	79,718.99
05	SWIMMING POOL	771.98
07	WATER & SEWER	202,092.96
12	WATER & SEWER IMPROV	808,202.37
16	DEVELOPMENT FUND	1,500.00
24	VILLAGE CONSTRUCTION	16,536.00
28	BUILDING MAINT. SERVICE	13,696.87
29	VEHICLE MAINT. SERVICE	35,481.75
TOTAL ALL FUNDS		**1,429,521.77**

THE PRECEDING LIST OF BILLS PAYABLE WAS REVIEWED AND APPROVED FOR PAYMENT.

DATE:_____ **APPROVED BY:**_____

Village of Algonquin

The Gem of the Fox River Valley

DATE: March 8, 2021

TO: Committee of the Whole

FROM: Mike Darrow, Interim Community Development Director

SUBJECT: Special Event Permit- Algonquin Aces Memorial Tournament

Anthony M. Minasola, on behalf of Algonquin Area Youth Organization is seeking approval of a special event permit for a softball tournament May 28-May 30 at Presidential, Algonquin Lakes and Kelliher Parks. Staff have reviewed the request and recommend approval with the following conditions as outlined in the attached Special Event Permit.

Approval contingent upon the following:

- Trash removal shall be coordinated with the Village Parks and Forestry Division of Public Works.
- Police Officers and Village officials shall have free access to the event at all times to assure that the event is in compliance with the Municipal Code.
- Parking is not permitted on grass or bike paths at any times, all parking shall be on paved surfaces approved for such use.
- Temporary and directional signs permitted, shall not be installed prior to May 27 after 4:00 pm and must be removed by 5:00 pm on May 30.
- Alcohol is not permitted.
- Any temporary tents or structures shall be properly weighted or tied down. In the event of unfavorable weather conditions, any temporary tents or structures shall be vacated and removed, and no temporary tent or structure shall be used for shelter.
- An up-to-date certificate of insurance.

Date (s) of Event: Aug 28 - 31st 2021
Name of Event: Algonquin Aces Memorial Tournament

VILLAGE OF ALGONQUIN
PUBLIC EVENT/ENTERTAINMENT LICENSE APPLICATION CHECKLIST

A license is required for all public events. This applies to both for profit and not-for-profit organizations, and includes but is not limited to outdoor exhibitions, shows, carnivals, circuses, concerts, and musical performances. The application packet must be completed in its entirety and submitted at least forty-five (45) calendar days before the Public Event to the Deputy Clerk at the Ganek Municipal Center, 2200 Harnish Drive, Algonquin, IL 60102.

- All public event requests require the approval of the Algonquin Village Board.
- The Village may place conditions on the public event as deemed appropriate to protect the health, safety, and welfare of the public.
- The Village Manager or his/her designee may revoke a public event/entertainment license or a carnival worker permit at any time and demand immediate cessation of the event based upon violations of this code, on-premise criminal acts by the event employees or when the event presents an endangerment to public safety.
- Police officers and all other Village officials shall have free access to the grounds and all booths, shows, and concessions on such grounds at all times to ensure that the event is in compliance with this code.

In addition to the above, carnivals and circuses are subject to the following requirements:

- They are limited in duration to 10 days.
- They must be operated or sponsored by a not-for-profit group based in Algonquin.
- The carnival/circus may not be located in or directly adjacent to any developed residential area, with the exception that it may be on church, school, or public park property which may be next to a residential area.
- A location may not host more than one carnival/circus per year.
- No employee, agent, or other representative of the carnival/circus may live, sleep, or otherwise remain overnight on the premises of the carnival. Persons providing security on the site may receive an exemption from this requirement.
- All carnival workers must keep government issued photo identification (such as a state issued id or drivers license) on their person at all times during the public event. The government issued identification must be presented at any time to an officer of the Village upon request.
- All carnival/circus employees must complete a background check with the Algonquin Police Department. The carnival operator must provide a list of employees to the Police Department upon application. Each employee must visit the Algonquin Police Department to undergo the background check at least two weeks prior to the event. Employees may stop by the Department, located at 2200 Harnish Drive, any time between 8:00 a.m. and 7:00 p.m., any day of the week. No person will be allowed to work on the public event site if he/she:
  - -is a registered child sex offender; or
  - -has been convicted of a felony in the past five years; or
  - -has been convicted of any other crime involving moral turpitude or violence; or
  - -is identified as a known gang member in the Illinois State Police LEADS system; or
  - -has been convicted of any offense under Article 9 (Homicide) of the Illinois Criminal Code.
- The carnival operator has in place a substance abuse policy for its employees which includes random drug testing of carnival/amusement workers.

The Application Packet must include the following (Check the box if the requirement has been met and/or the appropriate paperwork is attached.):

- [x] Complete application form.
- [ ] Fee, in the amount of $50 for each day the public event will run, either:
  1. [ ] Fee (Amount: _____ OR
  2. [x] Submitted proof of not-for-profit status.
- [ ] Site Approval, either:
  1. [ ] Letter of consent from the owner to use the private property OR
  2. [ ] Letter to the Village Board requesting the use of public property.
- [ ] Site plan showing the layout of the event.
- [x] Certificate of insurance for a minimum $2,000,000 general liability, including bodily injury, property damage, and motor vehicle liability, naming the Village as additional insured; and a letter from the insurer stating there are no outstanding claims against the policy.
- [ ] Sign/Temporary Use Application, issued by the Village of Algonquin's Community Development Department.
- [ ] Electrical permit issued by the Community Development Department with a copy of the contractor's electrical license and a detailed drawing that includes the power source and circuitry.
- [ ] Approval letter from the Police Department.
- [ ] Copy of the county temporary food service permit, if applicable.
- [ ] Receipt from Finance Department for connection to the Village's potable water system, if applicable.
- [ ] Approval letter from the applicable fire protection district.

In addition to the above, carnivals and circuses are subject to the following requirements (Check the box if the requirement has been met and/or the appropriate paperwork is attached.):

- [ ] The location of the event has been approved by the Village.
- [ ] The event shall not exceed 10 days.
- [ ] The event shall not be located in or directly adjacent to any developed residential area, with the exception that it may be on church, school, or public park property even if located next to residential property.
- [ ] The event must be operated or sponsored by a not-for-profit organization based in the Village.
- [ ] No location may host more than one carnival/circus per year.
- [ ] List of all employees who will work on the premises of the public event, including their legal name, date of birth, home address, and social security number.
- [ ] All registered employees shall submit their fingerprints along with a completed police background authorization form. All investigations by the Algonquin Police Department must be complete. Date(s) of check: _____
- [ ] Fee paid for background check. ($500, plus $50 per employee)
- [ ] Signed waivers of liability (as provided by the Village of Algonquin) for all employees who will work on the premises of the public event.
- [ ] Copy of Illinois Department of Labor amusement ride permit.
- [ ] Completed Village carnival operator questionnaire (see attached).

Village of Algonquin
PUBLIC EVENT APPLICATION

A. Application Information (Groups, Organizations, etc.)
B. Sponsoring Organization: Algonquin Area Youth Organization / Algonquin Aces
Address: P.O. Box 265
City, State, Zip: Algonquin IL 60102 Phone: [redacted]
2. Name of Contact Person: Tony Minasola
Address: [redacted]
City, State, Zip: Algonquin IL 60102 Daytime Ph: [redacted] Evening Ph: [redacted]

C. Application Information (Individual Applicant)
1. Full Name: Anthony M. Minasola
2. Home Address: [redacted]
City, State, Zip: Algonquin IL 60102
3. Home Ph: [redacted] Daytime Ph.: [redacted]

D. Special Event Information:
1. Date(s) of Event: May 28-30th (31st if rain day)
2. Time(s) of Event: 8am-9pm
3. Duration of Event: Saturday & Sunday
4. Location of Event: Presidential, Algonquin Lakes, and Kelliher Parks
5. Name of Event: Algonquin Aces Memorial Weekend Bash
6. Maximum Number of Attendees/Participants at a Given Time: Approx 150 at different times
7. Describe the Nature of the Public Event:
Fast Pitch Softball tournament for girls ages 10-14

8. Describe Provided Security, including who is providing the security, hours, and a detailed security plan:
None

9. Describe Parking or Traffic Control, including the location of extra parking and the # of spaces allocated, and how overflow parking will be handled:
Over flow parking will be on side streets if needed

D. Affidavit of Applicant:
I, the undersigned applicant, or authorized agent of the above noted organization, swear or affirm that the matters stated in the foregoing application are true and correct upon my personal knowledge and information for the purpose of requesting the Village of Algonquin to issue the permit herein applied for, that I am qualified and eligible to obtain the permit applied for and agree to pay all fees, to meet all requirements of the Algonquin Municipal Code, and any additional regulations, conditions, or restrictions set forth in the permit and to comply with the laws of the Village of Algonquin, the State of Illinois, and the United States of America in the conduct of the Public Event described herein. In addition, Applicant certifies, by signing the application, that, pursuant to 430 ILCS 85/2-20, no child sex offenders or persons convicted of a felony in the past five years or convicted of any offense under Article 9 (Homicide) of the Illinois Criminal Code are employed by the carnival operator, and that no carnival employees are fugitives from Illinois or any other state's law enforcement agencies. I (or the above named organization) further agree(s) to hold harmless and indemnify the Village, its officials, employees and successors and assigns, for any and all liability, damages, suits, claims and demands for damages at law or in equity it incurs as a result and arising either directly or indirectly out of the public event noted above including but not limited to damages and attorney's fees.

Signature of Applicant

1/23/2021
Date

FOR INTERNAL USE ONLY:
Copy of Application Sent to: Village Manager, Police Department, Public Works, Fire District

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 1/14/2021

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 Dawson Insurance Agency 303 E. Main St. Ste. 203 Barrington IL 60010	**CONTACT NAME:** Tim **PHONE (A/C, No, Ext):** 847-658-5644 **FAX (A/C, No):** 847-658-1283 **E-MAIL ADDRESS:** t.burke@dawsoninsure.com
	INSURER(S) AFFORDING COVERAGE / **NAIC #** **INSURER A :** Indiana Ins. Companies 22659
INSURED ALGAYO1 Algonquin Area Youth Organization P O Box 265 Algonquin IL 60102	**INSURER B :** **INSURER C :** **INSURER D :** **INSURER E :** **INSURER F :**

COVERAGES **CERTIFICATE NUMBER:** 1642980078 **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 INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	**GENERAL LIABILITY** [X] COMMERCIAL GENERAL LIABILITY [ ] CLAIMS-MADE [X] OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: [ ] POLICY [ ] PRO-JECT [ ] LOC			BKO57726771	4/24/2020	4/24/2021	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG	$ 2,000,000 $ 300,000 $ 15,000 $ 2,000,000 $ 4,000,000 $ 4,000,000
A	**AUTOMOBILE LIABILITY** [ ] ANY AUTO [ ] ALL OWNED AUTOS [ ] SCHEDULED AUTOS [X] HIRED AUTOS [X] NON-OWNED AUTOS			BAS57726771	4/24/2020	4/24/2021	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)	$ 1,000,000 $ $ $
A	[X] **UMBRELLA LIAB** [X] OCCUR **EXCESS LIAB** [ ] CLAIMS-MADE [ ] DED [X] RETENTION $ 10,000			USO57726771	4/24/2020	4/24/2021	EACH OCCURRENCE AGGREGATE	$ 1,000,000 $
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY Y / N ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? [ ] **(Mandatory in NH)** If yes, describe under DESCRIPTION OF OPERATIONS below	N / A					[ ] WC STATU-TORY LIMITS [ ] OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	 $ $ $

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)
ALL EVENTS

CERTIFICATE HOLDER

VILLAGE OF ALGONQUIN
2200 Harnish Dr.
Algonquin IL 60102

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

VILLAGE OF ALGONQUIN
SCHEDULE OF MEETINGS

April 5, 2021

The following meetings are scheduled to be held by the Village Board or Village Commission. Due to COVID 19, some meetings may be held remotely. Meeting information, which includes meeting location, remote log in information, and meeting agendas can be found by visiting www.algonquin.org. Full agendas for meeting will also be posted at the Ganek Municipal Center, as required by law, not less than 48 hours in advance of the scheduled meeting. Each agenda will include the location of the meeting and/or the remote log in information for each meeting.

April 6, 2021	Tuesday	7:30 PM	Village Board Meeting	REMOTE
April 12, 2021	Monday	7:30 PM	Planning & Zoning Commission	REMOTE
April 13, 2021	Tuesday	7:30 PM	Committee of the Whole Meeting	REMOTE
April 14, 2021	Wednesday	7:00 PM	Historic Commission Meeting	HVH
April 17, 2021	Saturday	8:30 AM	Historic Commission Workshop	HVH
April 20, 2021	Tuesday	7:25 PM	Liquor Commission Special Meeting	REMOTE
April 20, 2021	Tuesday	7:30 PM	Village Board Meeting	REMOTE
April 20, 2021	Tuesday	7:45 PM	Committee of the Whole Meeting	REMOTE
April 21, 2021	Wednesday	6:30 PM	Police Commission Meeting	GMC
April 24, 2021	Saturday	8:30 AM	Historic Commission Workshop	HVH
April 28, 2021	Wednesday	5:00 PM	Police Pension Commission Meeting	REMOTE
May 4, 2021	Tuesday	7:30 PM	Village Board and Annual Meetings	REMOTE

ALL MEETINGS AND/OR TIMES ARE SUBJECT TO CHANGE OR CANCELLATION.

ALL CHANGES AND/OR CANCELLATIONS WILL BE POSTED AT THE GANEK MUNICIPAL CENTER AND WWW.ALGONQIUN.ORG