

Raymond R. Soliman
Mayor

Christine Vershay-Hall
Clerk

Jamie Malloy
Treasurer

Ward 1
Scott Dyke
Angelo Deserio

Ward 2
Claudia Gazal
Darrell Jefferson

Ward 3
Tina Oberlin
Mark Cipiti

Ward 4
Nate Albert
Joe Kubal

Blaine
City Administrator



July 7, 2026

Austin Tyler Construction Inc.
700 South ~~Rowell~~ Avenue
Joliet, Illinois 60433

23343 S. R. ~~dg~~ Rd.
Elwood, IL 60421

RE: City of Crest Hill
2026 Roadway Program
Notice of Award

You are here notified that your bid dated June 26, 2026, for the above referenced project has been considered and you are the apparent Successful Bidder and have been awarded the Contract by the City of Crest Hill, City Council at their July 6, 2026, council meeting. The approved contract amount for this project is \$1,766,817.55

Attached to this letter are three contracts to be executed and returned to the City Engineer within Fifteen (15) days after date of the notice of award of the Contract. Deliver with the executed Contract Documents and Contract security (Bonds) as specified.

Failure to comply with these conditions within the time specified will entitle CITY to consider your Bid in default, to annul this Notice of Award and to declare your Bid security forfeited.

Should there be any questions on this matter, please feel free to call or email me at your convenience.

Very Truly Yours,

A handwritten signature in black ink, appearing to read "Ronald J. Wiedeman".

Ronald J Wiedeman, P.E.
City Engineer

Encl:
CC: File

CITY OF CREST HILL

1610 Plainfield Road
Crest Hill, IL 60403

815-741-5100
cityofcresthill.com

CITY OF CREST HILL
2026 ROADWAY REHABILITATION PROGRAM



NOT A STATE PROJECT

Local Agency Proposal Bid Bond

RETURN WITH BID

Route 2026 Roadway Rehabilitation
Project
County Will
Local Agency Crest Hill
Section N/A

PAPER BID BOND

WE Austin Tyler Construction, Inc. 23343 S. Ridge Rd. Elwood, IL 60421 as PRINCIPAL,
and Old Republic Surety Company 18500 WCorporate Drive Suite 170 Brookfield, IL 53045 as SURETY,

are held jointly, severally and firmly bound unto the above Local Agency (hereafter referred to as "LA") in the penal sum of 10% of the total bid price, or for the amount specified in the proposal documents in effect on the date of invitation for bids whichever is the lesser sum. We bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly pay to the LA this sum under the conditions of this instrument.

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

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

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

IN TESTIMONY WHEREOF, the said PRINCIPAL and the said SURETY have caused this instrument to be signed by their respective officers this 15th day of June 2026

Austin Tyler Construction, Inc.

(Company Name)

By:

Gary S. Schumal, President (Signature and Title)

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

Old Republic Surety Company

(Name of Surety)

Principal

By:

(Company Name)

(Signature and Title)

Surety

By:

Christine Cannella (Signature of Attorney-in-Fact)

STATE OF ILLINOIS,

COUNTY OF Kendall

I, Maureen Rott

do hereby certify that Gary S. Schumal and Christine Cannella

(Insert names of individuals signing on behalf of PRINCIPAL & SURETY)

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



My commission expires

Notary Public - State of Illinois

Commission No. 371911

My Commission Expires February 11, 2030

Given under my hand and notarial seal this 15th day of June 2026

(Notary Public)

ELECTRONIC BID BOND

☐ Electronic bid bond is allowed (box must be checked by LA if electronic bid bond is allowed)

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

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Electronic Bid Bond ID Code

(Company/Bidder Name)

(Signature and Title)

Date



OLD REPUBLIC SURETY COMPANY

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That OLD REPUBLIC SURETY COMPANY, a Wisconsin stock insurance corporation, does make, constitute and appoint:

CHRISTOPHER L. SPANGLER, MARK SPANGLER, LYNN M. BLAYLOCK, MAUREEN ROTT, CHRISTINE CANNELLA, ESTEE R. MAJOR, 
OF NAPERVILLE, IL

its true and lawful Attorney(s)-in-Fact, with full power and authority for and on behalf of the company as surety, to execute and deliver and affix the seal of the company thereto (if a seal is required), bonds, undertakings, recognizances or other written obligations in the nature thereof, *(other than bail bonds, bank depository bonds, mortgage deficiency bonds, mortgage guaranty bonds, guarantees of installment paper and note guaranty bonds, self-insurance workers compensation bonds guaranteeing payment of benefits, or black lung bonds)*, as follows:

ALL WRITTEN INSTRUMENTS

and to bind OLD REPUBLIC SURETY COMPANY thereby, and all of the acts of said Attorneys-in-Fact, pursuant to these presents, are ratified and confirmed. This appointment is made under and by authority of the board of directors at a special meeting held on February 18, 1982.

This Power of Attorney is signed and sealed by facsimile under and by the authority of the following resolutions adopted by the board of directors of the OLD REPUBLIC SURETY COMPANY on February 18, 1982.

RESOLVED that, the president, any vice-president or assistant vice president, in conjunction with the secretary or any assistant secretary, may appoint attorneys-in-fact or agents with authority as defined or limited in the instrument evidencing the appointment in each case, for and on behalf of the company to execute and deliver and affix the seal of the company to bonds, undertakings, recognizances, and suretyship obligations of all kinds; and said officers may remove any such attorney-in-fact or agent and revoke any Power of Attorney previously granted to such person.

RESOLVED FURTHER, that any bond, undertaking, recognizance, or suretyship obligation shall be valid and binding upon the Company

- (i) when signed by the president, any vice president or assistant vice president, and attested and sealed (if a seal be required) by any secretary or assistant secretary; or
- (ii) when signed by the president, any vice president or assistant vice president, secretary or assistant secretary, and countersigned and sealed (if a seal be required) by a duly authorized attorney-in-fact or agent; or
- (iii) when duly executed and sealed (if a seal be required) by one or more attorneys-in-fact or agents pursuant to and within the limits of the authority evidenced by the Power of Attorney issued by the company to such person or persons.

RESOLVED FURTHER that the signature of any authorized officer and the seal of the company may be affixed by facsimile to any Power of Attorney or certification thereof authorizing the execution and delivery of any bond, undertaking, recognizance, or other suretyship obligations of the company; and such signature and seal when so used shall have the same force and effect as though manually affixed.

IN WITNESS WHEREOF, OLD REPUBLIC SURETY COMPANY has caused these presents to be signed by its proper officer, and its corporate seal to be affixed this 28TH day of AUGUST, 2025


Assistant Secretary



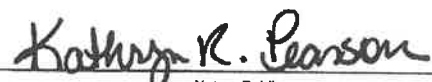
OLD REPUBLIC SURETY COMPANY


President

STATE OF WISCONSIN, COUNTY OF WAUKESHA - SS

On this 28TH day of AUGUST, 2025, personally came before me, Alan Paylic
and Kevin J. Abitz, to me known to be the individuals and officers of the OLD REPUBLIC SURETY COMPANY who executed the above instrument, and they each acknowledged the execution of the same, and being by me duly sworn, did severally depose and say: that they are the said officers of the corporation aforesaid, and that the seal affixed to the above instrument is the seal of the corporation, and that said corporate seal and their signatures as such officers were duly affixed and subscribed to the said instrument by the authority of the board of directors of said corporation.




Notary Public

My Commission Expires: September 28, 2026
(Expiration of notary's commission does not invalidate this instrument)

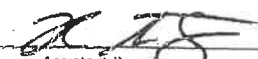
CERTIFICATE

I, the undersigned, assistant secretary of the OLD REPUBLIC SURETY COMPANY, a Wisconsin corporation, CERTIFY that the foregoing and attached Power of Attorney remains in full force and has not been revoked; and furthermore, that the Resolutions of the board of directors set forth in the Power of Attorney, are now in force.



63-1338

Signed and sealed at the City of Brookfield, WI this 15th day of June, 2026


Assistant Secretary

ORSC 22262 (3-06)

ROBERTSON RYAN & ASSOCIATES

Document A312™ – 2010

Conforms with The American Institute of Architects AIA Document 312

Performance Bond

CONTRACTOR:

(Name, legal status and address)

Austin Tyler Construction, Inc.
23343 S. Ridge Rd.
Elwood, IL 60421

SURETY:

(Name, legal status and principal place of business)

Old Republic Surety Company

Mailing Address for Notices

18500 W Corporate Drive
Suite 170
Brookfield, WI 53045

OWNER:

(Name, legal status and address)

City of Crest Hill
1610 Plainfield Road
Crest Hill, IL 60403

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.

CONSTRUCTION CONTRACT

Date: July 7, 2026

Amount: \$ 1,766,817.55 One million seven hundred sixty six thousand, eight hundred seventeen dollars and 55/100--

Description:

(Name and location)

City of Crest Hill - 2026 Roadway Rehabilitation Project

BOND

Date: July 10, 2026

(Not earlier than Construction Contract Date)

Amount: \$ 1,766,817.55 One million seven hundred sixty six thousand, eight hundred seventeen dollars and 55/100--

Modifications to this Bond:

☒ None

☐ See Section 16

CONTRACTOR AS PRINCIPAL

Company:

Austin Tyler Construction, Inc.

SURETY

Company:

Old Republic Surety Company

Signature:

Name
and Title:

Gary S. Schumal, President

Signature:

Name
and Title:

Maureen Rott, Attorney in Fact

(Any additional signatures appear on the last page of this Performance Bond.)

(FOR INFORMATION ONLY — Name, address and telephone)

AGENT or BROKER:

Robertson Ryan & Associates
1770 Park St. Suite 210
Naperville, IL 60563

OWNER'S REPRESENTATIVE:

(Architect, Engineer or other party.)

§ 1 The Contractor and Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors and assigns to the Owner for the performance of the Construction Contract, which is incorporated herein by reference.

§ 2 If the Contractor performs the Construction Contract, the Surety and the Contractor shall have no obligation under this Bond, except when applicable to participate in a conference as provided in Section 3.

§ 3 If there is no Owner Default under the Construction Contract, the Surety's obligation under this Bond shall arise after

- .1 the Owner first provides notice to the Contractor and the Surety that the Owner is considering declaring a Contractor Default. Such notice shall indicate whether the Owner is requesting a conference among the Owner, Contractor and Surety to discuss the Contractor's performance. If the Owner does not request a conference, the Surety may, within five (5) business days after receipt of the Owner's notice, request such a conference. If the Surety timely requests a conference, the Owner shall attend. Unless the Owner agrees otherwise, any conference requested under this Section 3.1 shall be held within ten (10) business days of the Surety's receipt of the Owner's notice. If the Owner, the Contractor and the Surety agree, the Contractor shall be allowed a reasonable time to perform the Construction Contract, but such an agreement shall not waive the Owner's right, if any, subsequently to declare a Contractor Default;
- .2 the Owner declares a Contractor Default, terminates the Construction Contract and notifies the Surety; and
- .3 the Owner has agreed to pay the Balance of the Contract Price in accordance with the terms of the Construction Contract to the Surety or to a contractor selected to perform the Construction Contract.

§ 4 Failure on the part of the Owner to comply with the notice requirement in Section 3.1 shall not constitute a failure to comply with a condition precedent to the Surety's obligations, or release the Surety from its obligations, except to the extent the Surety demonstrates actual prejudice.

§ 5 When the Owner has satisfied the conditions of Section 3, the Surety shall promptly and at the Surety's expense take one of the following actions:

§ 5.1 Arrange for the Contractor, with the consent of the Owner, to perform and complete the Construction Contract;

§ 5.2 Undertake to perform and complete the Construction Contract itself, through its agents or independent contractors;

§ 5.3 Obtain bids or negotiated proposals from qualified contractors acceptable to the Owner for a contract for performance and completion of the Construction Contract, arrange for a contract to be prepared for execution by the Owner and a contractor selected with the Owner's concurrence, to be secured with performance and payment bonds executed by a qualified surety equivalent to the bonds issued on the Construction Contract, and pay to the Owner the amount of damages as described in Section 7 in excess of the Balance of the Contract Price incurred by the Owner as a result of the Contractor Default; or

§ 5.4 Waive its right to perform and complete, arrange for completion, or obtain a new contractor and with reasonable promptness under the circumstances:

- .1 After investigation, determine the amount for which it may be liable to the Owner and, as soon as practicable after the amount is determined, make payment to the Owner; or
- .2 Deny liability in whole or in part and notify the Owner, citing the reasons for denial.

§ 6 If the Surety does not proceed as provided in Section 5 with reasonable promptness, the Surety shall be deemed to be in default on this Bond seven days after receipt of an additional written notice from the Owner to the Surety demanding that the Surety perform its obligations under this Bond, and the Owner shall be entitled to enforce any remedy available to the Owner. If the Surety proceeds as provided in Section 5.4, and the Owner refuses the payment or the Surety has denied liability, in whole or in part, without further notice the Owner shall be entitled to enforce any remedy available to the Owner.

§ 7 If the Surety elects to act under Section 5.1, 5.2 or 5.3, then the responsibilities of the Surety to the Owner shall not be greater than those of the Contractor under the Construction Contract, and the responsibilities of the Owner to the Surety shall not be greater than those of the Owner under the Construction Contract. Subject to the commitment by the Owner to pay the Balance of the Contract Price, the Surety is obligated, without duplication, for

- .1 the responsibilities of the Contractor for correction of defective work and completion of the Construction Contract;
- .2 additional legal, design professional and delay costs resulting from the Contractor's Default, and resulting from the actions or failure to act of the Surety under Section 5; and
- .3 liquidated damages, or if no liquidated damages are specified in the Construction Contract, actual damages caused by delayed performance or non-performance of the Contractor.

§ 8 If the Surety elects to act under Section 5.1, 5.3 or 5.4, the Surety's liability is limited to the amount of this Bond.

§ 9 The Surety shall not be liable to the Owner or others for obligations of the Contractor that are unrelated to the Construction Contract, and the Balance of the Contract Price shall not be reduced or set off on account of any such unrelated obligations. No right of action shall accrue on this Bond to any person or entity other than the Owner or its heirs, executors, administrators, successors and assigns.

§ 10 The Surety hereby waives notice of any change, including changes of time, to the Construction Contract or to related subcontracts, purchase orders and other obligations.

§ 11 Any proceeding, legal or equitable, under this Bond may be instituted in any court of competent jurisdiction in the location in which the work or part of the work is located and shall be instituted within two years after a declaration of Contractor Default or within two years after the Contractor ceased working or within two years after the Surety refuses or fails to perform its obligations under this Bond, whichever occurs first. If the provisions of this Paragraph are void or prohibited by law, the minimum period of limitation available to sureties as a defense in the jurisdiction of the suit shall be applicable.

§ 12 Notice to the Surety, the Owner or the Contractor shall be mailed or delivered to the address shown on the page on which their signature appears.

§ 13 When this Bond has been furnished to comply with a statutory or other legal requirement in the location where the construction was to be performed, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When so furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

§ 14 Definitions

§ 14.1 **Balance of the Contract Price.** The total amount payable by the Owner to the Contractor under the Construction Contract after all proper adjustments have been made, including allowance to the Contractor of any amounts received or to be received by the Owner in settlement of insurance or other claims for damages to which the Contractor is entitled, reduced by all valid and proper payments made to or on behalf of the Contractor under the Construction Contract.

§ 14.2 **Construction Contract.** The agreement between the Owner and Contractor identified on the cover page, including all Contract Documents and changes made to the agreement and the Contract Documents.

§ 14.3 **Contractor Default.** Failure of the Contractor, which has not been remedied or waived, to perform or otherwise to comply with a material term of the Construction Contract.

§ 14.4 **Owner Default.** Failure of the Owner, which has not been remedied or waived, to pay the Contractor as required under the Construction Contract or to perform and complete or comply with the other material terms of the Construction Contract.

§ 14.5 **Contract Documents.** All the documents that comprise the agreement between the Owner and Contractor.

§ 15 If this Bond is issued for an agreement between a Contractor and subcontractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

§ 16 Modifications to this bond are as follows:

(Space is provided below for additional signatures of added parties, other than those appearing on the cover page.)

CONTRACTOR AS PRINCIPAL

Company: _____
(Corporate Seal)

Signature: _____
Name and Title: _____
Address _____

SURETY

Company: _____
(Corporate Seal)
Old Republic Surety Company



Signature: _____
Name and Title: _____
Address _____



OLD REPUBLIC SURETY COMPANY

Bond #JCN7496158

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That OLD REPUBLIC SURETY COMPANY, a Wisconsin stock insurance corporation, does make, constitute and appoint:

CHRISTOPHER L. SPANGLER, MARK SPANGLER, LYNN M. BLAYLOCK, MAUREEN ROTT, CHRISTINE CANNELLA, ESTEE R. MAJOR, []
OF NAPERVILLE, IL

its true and lawful Attorney(s)-in-Fact, with full power and authority for and on behalf of the company as surety, to execute and deliver and affix the seal of the company thereto (if a seal is required), bonds, undertakings, recognizances or other written obligations in the nature thereof, (other than bail bonds, bank depository bonds, mortgage deficiency bonds, mortgage guaranty bonds, guarantees of installment paper and note guaranty bonds, self-insurance workers compensation bonds guaranteeing payment of benefits, or black lung bonds), as follows:

ALL WRITTEN INSTRUMENTS

and to bind OLD REPUBLIC SURETY COMPANY thereby, and all of the acts of said Attorneys-in-Fact, pursuant to these presents, are ratified and confirmed. This appointment is made under and by authority of the board of directors at a special meeting held on February 18, 1982.

This Power of Attorney is signed and sealed by facsimile under and by the authority of the following resolutions adopted by the board of directors of the OLD REPUBLIC SURETY COMPANY on February 18, 1982.

RESOLVED that, the president, any vice-president or assistant vice president, in conjunction with the secretary or any assistant secretary, may appoint attorneys-in-fact or agents with authority as defined or limited in the instrument evidencing the appointment in each case, for and on behalf of the company to execute and deliver and affix the seal of the company to bonds, undertakings, recognizances, and suretyship obligations of all kinds; and said officers may remove any such attorney-in-fact or agent and revoke any Power of Attorney previously granted to such person.

RESOLVED FURTHER, that any bond, undertaking, recognizance, or suretyship obligation shall be valid and binding upon the Company

- (i) when signed by the president, any vice president or assistant vice president, and attested and sealed (if a seal be required) by any secretary or assistant secretary; or
- (ii) when signed by the president, any vice president or assistant vice president, secretary or assistant secretary, and countersigned and sealed (if a seal be required) by a duly authorized attorney-in-fact or agent; or
- (iii) when duly executed and sealed (if a seal be required) by one or more attorneys-in-fact or agents pursuant to and within the limits of the authority evidenced by the Power of Attorney issued by the company to such person or persons.

RESOLVED FURTHER that the signature of any authorized officer and the seal of the company may be affixed by facsimile to any Power of Attorney or certification thereof authorizing the execution and delivery of any bond, undertaking, recognizance, or other suretyship obligations of the company; and such signature and seal when so used shall have the same force and effect as though manually affixed.

IN WITNESS WHEREOF, OLD REPUBLIC SURETY COMPANY has caused these presents to be signed by its proper officer, and its corporate seal to be affixed this 28TH day of AUGUST 2025

[Signature]
Assistant Secretary



OLD REPUBLIC SURETY COMPANY

[Signature]
President

STATE OF WISCONSIN, COUNTY OF WAUKESHA - SS

On this 28TH day of AUGUST 2025, personally came before me, Alan Pavlic
and Kevin J. Abitz, to me known to be the individuals and officers of the OLD REPUBLIC SURETY COMPANY who executed the above instrument, and they each acknowledged the execution of the same, and being by me duly sworn, did severally depose and say: that they are the said officers of the corporation aforesaid, and that the seal affixed to the above instrument is the seal of the corporation, and that said corporate seal and their signatures as such officers were duly affixed and subscribed to the said instrument by the authority of the board of directors of said corporation.



[Signature]
Notary Public

My Commission Expires: September 28, 2026

(Expiration of notary's commission does not invalidate this instrument)

CERTIFICATE

I, the undersigned, assistant secretary of the OLD REPUBLIC SURETY COMPANY, a Wisconsin corporation, CERTIFY that the foregoing and attached Power of Attorney remains in full force and has not been revoked; and furthermore, that the Resolutions of the board of directors set forth in the Power of Attorney, are now in force.

63-1338



Signed and sealed at the City of Brookfield, WI this 10th day of July 2026

ORSC 22262 (3-06)

[Signature]
Assistant Secretary

ROBERTSON RYAN & ASSOCIATES

BOND # JCN7496158

Document A312™ – 2010

Payment Bond

Conforms with The American Institute of Architects AIA Document 312

CONTRACTOR:

(Name, legal status and address)

Austin Tyler Construction, Inc.
23343 S. Ridge Rd.
Elwood, IL 60421

SURETY:

(Name, legal status and principal place of business)

Old Republic Surety Company

Mailing Address for Notices

18500 W Corporate Drive
Suite 170
Brookfield, WI. 53045

OWNER:

(Name, legal status and address)

City of Crest Hill
1610 Plainfield Road
Crest Hill, IL 60403

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.

CONSTRUCTION CONTRACT

Date: July 7, 2026

Amount: \$ 1,766,817.55 One million seven hundred sixty six thousand, eight hundred seventeen dollars and 55/100--

Description:

(Name and location)

2026 Roadway Rehabilitation Project

BOND

Date: July 10, 2026

(Not earlier than Construction Contract Date)

Amount: \$ 1,766,817.55 One million seven hundred sixty six thousand, eight hundred seventeen dollars and 55/100--

Modifications to this Bond:

☒ None

☐ See Section 18

CONTRACTOR AS PRINCIPAL

Company:

Austin Tyler Construction, Inc.

SURETY

Company:

Old Republic Surety Company

(Corporate Seal)

Signature:

Name
and Title:

Gary S. Schumal, President

Signature:

Name
and Title:

Maureen Rott Attorney-In-Fact

(Any additional signatures appear on the last page of this Payment Bond.)

(FOR INFORMATION ONLY — Name, address and telephone)

AGENT or BROKER:

Robertson Ryan & Associates
1770 Park St. Suite 210
Naperville, IL 60563

OWNER'S REPRESENTATIVE:

(Architect, Engineer or other party:)

§ 1 The Contractor and Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors and assigns to the Owner to pay for labor, materials and equipment furnished for use in the performance of the Construction Contract, which is incorporated herein by reference, subject to the following terms.

§ 2 If the Contractor promptly makes payment of all sums due to Claimants, and defends, indemnifies and holds harmless the Owner from claims, demands, liens or suits by any person or entity seeking payment for labor, materials or equipment furnished for use in the performance of the Construction Contract, then the Surety and the Contractor shall have no obligation under this Bond.

§ 3 If there is no Owner Default under the Construction Contract, the Surety's obligation to the Owner under this Bond shall arise after the Owner has promptly notified the Contractor and the Surety (at the address described in Section 13) of claims, demands, liens or suits against the Owner or the Owner's property by any person or entity seeking payment for labor, materials or equipment furnished for use in the performance of the Construction Contract and tendered defense of such claims, demands, liens or suits to the Contractor and the Surety.

§ 4 When the Owner has satisfied the conditions in Section 3, the Surety shall promptly and at the Surety's expense defend, indemnify and hold harmless the Owner against a duly tendered claim, demand, lien or suit.

§ 5 The Surety's obligations to a Claimant under this Bond shall arise after the following:

§ 5.1 Claimants, who do not have a direct contract with the Contractor,

- .1 have furnished a written notice of non-payment to the Contractor, stating with substantial accuracy the amount claimed and the name of the party to whom the materials were, or equipment was, furnished or supplied or for whom the labor was done or performed, within ninety (90) days after having last performed labor or last furnished materials or equipment included in the Claim; and
- .2 have sent a Claim to the Surety (at the address described in Section 13).

§ 5.2 Claimants, who are employed by or have a direct contract with the Contractor, have sent a Claim to the Surety (at the address described in Section 13).

§ 6 If a notice of non-payment required by Section 5.1.1 is given by the Owner to the Contractor, that is sufficient to satisfy a Claimant's obligation to furnish a written notice of non-payment under Section 5.1.1.

§ 7 When a Claimant has satisfied the conditions of Sections 5.1 or 5.2, whichever is applicable, the Surety shall promptly and at the Surety's expense take the following actions:

§ 7.1 Send an answer to the Claimant, with a copy to the Owner, within sixty (60) days after receipt of the Claim, stating the amounts that are undisputed and the basis for challenging any amounts that are disputed; and

§ 7.2 Pay or arrange for payment of any undisputed amounts.

§ 7.3 The Surety's failure to discharge its obligations under Section 7.1 or Section 7.2 shall not be deemed to constitute a waiver of defenses the Surety or Contractor may have or acquire as to a Claim, except as to undisputed amounts for which the Surety and Claimant have reached agreement. If, however, the Surety fails to discharge its obligations under Section 7.1 or Section 7.2, the Surety shall indemnify the Claimant for the reasonable attorney's fees the Claimant incurs thereafter to recover any sums found to be due and owing to the Claimant.

§ 8 The Surety's total obligation shall not exceed the amount of this Bond, plus the amount of reasonable attorney's fees provided under Section 7.3, and the amount of this Bond shall be credited for any payments made in good faith by the Surety.

§ 9 Amounts owed by the Owner to the Contractor under the Construction Contract shall be used for the performance of the Construction Contract and to satisfy claims, if any, under any construction performance bond. By the Contractor furnishing and the Owner accepting this Bond, they agree that all funds earned by the Contractor in the performance of the Construction Contract are dedicated to satisfy obligations of the Contractor and Surety under this Bond, subject to the Owner's priority to use the funds for the completion of the work.

§ 10 The Surety shall not be liable to the Owner, Claimants or others for obligations of the Contractor that are unrelated to the Construction Contract. The Owner shall not be liable for the payment of any costs or expenses of any Claimant under this Bond, and shall have under this Bond no obligation to make payments to, or give notice on behalf of, Claimants or otherwise have any obligations to Claimants under this Bond.

§ 11 The Surety hereby waives notice of any change, including changes of time, to the Construction Contract or to related subcontracts, purchase orders and other obligations.

§ 12 No suit or action shall be commenced by a Claimant under this Bond other than in a court of competent jurisdiction in the state in which the project that is the subject of the Construction Contract is located or after the expiration of one year from the date (1) on which the Claimant sent a Claim to the Surety pursuant to Section 5.1.2 or 5.2, or (2) on which the last labor or service was performed by anyone or the last materials or equipment were furnished by anyone under the Construction Contract, whichever of (1) or (2) first occurs. If the provisions of this Paragraph are void or prohibited by law, the minimum period of limitation available to sureties as a defense in the jurisdiction of the suit shall be applicable.

§ 13 Notice and Claims to the Surety, the Owner or the Contractor shall be mailed or delivered to the address shown on the page on which their signature appears. Actual receipt of notice or Claims, however accomplished, shall be sufficient compliance as of the date received.

§ 14 When this Bond has been furnished to comply with a statutory or other legal requirement in the location where the construction was to be performed, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When so furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

§ 15 Upon request by any person or entity appearing to be a potential beneficiary of this Bond, the Contractor and Owner shall promptly furnish a copy of this Bond or shall permit a copy to be made.

§ 16 Definitions

§ 16.1 Claim. A written statement by the Claimant including at a minimum:

- .1 the name of the Claimant;
- .2 the name of the person for whom the labor was done, or materials or equipment furnished;
- .3 a copy of the agreement or purchase order pursuant to which labor, materials or equipment was furnished for use in the performance of the Construction Contract;
- .4 a brief description of the labor, materials or equipment furnished;
- .5 the date on which the Claimant last performed labor or last furnished materials or equipment for use in the performance of the Construction Contract;
- .6 the total amount earned by the Claimant for labor, materials or equipment furnished as of the date of the Claim;
- .7 the total amount of previous payments received by the Claimant; and
- .8 the total amount due and unpaid to the Claimant for labor, materials or equipment furnished as of the date of the Claim.

§ 16.2 Claimant. An individual or entity having a direct contract with the Contractor or with a subcontractor of the Contractor to furnish labor, materials or equipment for use in the performance of the Construction Contract. The term Claimant also includes any individual or entity that has rightfully asserted a claim under an applicable mechanic's lien or similar statute against the real property upon which the Project is located. The intent of this Bond shall be to include without limitation in the terms "labor, materials or equipment" that part of water, gas, power, light, heat, oil, gasoline, telephone service or rental equipment used in the Construction Contract, architectural and engineering services required for performance of the work of the Contractor and the Contractor's subcontractors, and all other items for which a mechanic's lien may be asserted in the jurisdiction where the labor, materials or equipment were furnished.

§ 16.3 Construction Contract. The agreement between the Owner and Contractor identified on the cover page, including all Contract Documents and all changes made to the agreement and the Contract Documents.

§ 16.4 Owner Default. Failure of the Owner, which has not been remedied or waived, to pay the Contractor as required under the Construction Contract or to perform and complete or comply with the other material terms of the Construction Contract.

§ 16.5 Contract Documents. All the documents that comprise the agreement between the Owner and Contractor.

§ 17 If this Bond is issued for an agreement between a Contractor and subcontractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

§ 18 Modifications to this bond are as follows:

(Space is provided below for additional signatures of added parties, other than those appearing on the cover page.)

CONTRACTOR AS PRINCIPAL

Company: _____
(Corporate Seal)

SURETY

Company: _____
(Corporate Seal)

Signature: _____
Name and Title: _____
Address _____

Signature: _____
Name and Title: _____
Address _____



OLD REPUBLIC SURETY COMPANY

Bond #JCN7496158

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That OLD REPUBLIC SURETY COMPANY, a Wisconsin stock insurance corporation, does make, constitute and appoint:

CHRISTOPHER L. SPANGLER, MARK SPANGLER, LYNN M. BLAYLOCK, MAUREEN ROTT, CHRISTINE CANNELLA, ESTEE R. MAJOR, OF NAPERVILLE, IL

its true and lawful Attorney(s)-in-Fact, with full power and authority for and on behalf of the company as surety, to execute and deliver and affix the seal of the company thereto (if a seal is required), bonds, undertakings, recognizances or other written obligations in the nature thereof, (other than bail bonds, bank depository bonds, mortgage deficiency bonds, mortgage guaranty bonds, guarantees of installment paper and note guaranty bonds, self-insurance workers compensation bonds guaranteeing payment of benefits, or black lung bonds), as follows:

ALL WRITTEN INSTRUMENTS

and to bind OLD REPUBLIC SURETY COMPANY thereby, and all of the acts of said Attorneys-in-Fact, pursuant to these presents, are ratified and confirmed. This appointment is made under and by authority of the board of directors at a special meeting held on February 18, 1982.

This Power of Attorney is signed and sealed by facsimile under and by the authority of the following resolutions adopted by the board of directors of the OLD REPUBLIC SURETY COMPANY on February 18, 1982.

RESOLVED that, the president, any vice-president or assistant vice president, in conjunction with the secretary or any assistant secretary, may appoint attorneys-in-fact or agents with authority as defined or limited in the instrument evidencing the appointment in each case, for and on behalf of the company to execute and deliver and affix the seal of the company to bonds, undertakings, recognizances, and suretyship obligations of all kinds; and said officers may remove any such attorney-in-fact or agent and revoke any Power of Attorney previously granted to such person.

RESOLVED FURTHER, that any bond, undertaking, recognizance, or suretyship obligation shall be valid and binding upon the Company

- (i) when signed by the president, any vice president or assistant vice president, and attested and sealed (if a seal be required) by any secretary or assistant secretary; or
- (ii) when signed by the president, any vice president or assistant vice president, secretary or assistant secretary, and countersigned and sealed (if a seal be required) by a duly authorized attorney-in-fact or agent; or
- (iii) when duly executed and sealed (if a seal be required) by one or more attorneys-in-fact or agents pursuant to and within the limits of the authority evidenced by the Power of Attorney issued by the company to such person or persons.

RESOLVED FURTHER that the signature of any authorized officer and the seal of the company may be affixed by facsimile to any Power of Attorney or certification thereof authorizing the execution and delivery of any bond, undertaking, recognizance, or other suretyship obligations of the company, and such signature and seal when so used shall have the same force and effect as though manually affixed.

IN WITNESS WHEREOF, OLD REPUBLIC SURETY COMPANY has caused these presents to be signed by its proper officer, and its corporate seal to be affixed this 28TH day of AUGUST, 2025

Assistant Secretary



OLD REPUBLIC SURETY COMPANY

President

STATE OF WISCONSIN, COUNTY OF WAUKESHA - SS

On this 28TH day of AUGUST, 2025, personally came before me, Alan Pavlic and Kevin J. Abitz, to me known to be the individuals and officers of the OLD REPUBLIC SURETY COMPANY who executed the above instrument, and they each acknowledged the execution of the same, and being by me duly sworn, did severally depose and say: that they are the said officers of the corporation aforesaid, and that the seal affixed to the above instrument is the seal of the corporation, and that said corporate seal and their signatures as such officers were duly affixed and subscribed to the said instrument by the authority of the board of directors of said corporation.



Kathryn R. Pearson
Notary Public

My Commission Expires: September 28, 2026

(Expiration of notary's commission does not invalidate this instrument)

CERTIFICATE

I, the undersigned, assistant secretary of the OLD REPUBLIC SURETY COMPANY, a Wisconsin corporation, CERTIFY that the foregoing and attached Power of Attorney remains in full force and has not been revoked; and furthermore, that the Resolutions of the board of directors set forth in the Power of Attorney, are now in force.

63-1338



Signed and sealed at the City of Brookfield, WI this 10th day of July, 2026

ORSC 22262 (3-06)

ROBERTSON RYAN & ASSOCIATES

Assistant Secretary



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
7/10/2026

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

PRODUCER
Robertson Ryan & Associates, Inc
1770 Park Street, Suite 210
Naperville IL 60563

CONTACT
NAME: Maureen Rott

PHONE
(A/C, No. Ext): 630.420.3400

E-MAIL
ADDRESS: mrott@robertsonryan.com

FAX
(A/C, No): 630.420.8520

INSURED
Austin Tyler Construction, Inc
Joliet Asphalt, LLC
23343 S. Ridge Road
Elwood IL 60421

AUSTYL1

INSURER(S) AFFORDING COVERAGE

INSURER A: The Cincinnati Casualty Company

NAIC #

INSURER B: The Cincinnati Insurance Company

28665

INSURER C: Illinois Union Insurance Company

10677

INSURER D:

27960

INSURER E:

INSURER F:

COVERAGES

CERTIFICATE NUMBER: 108247703

REVISION NUMBER:

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

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSD WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
B	☒ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☒ OCCUR ☒ XCU Contractual Liab GEN'L AGGREGATE LIMIT APPLIES PER: ☐ POLICY ☒ PROJECT ☐ LOC OTHER:	Y Y	EPP 062 58 50	8/25/2025	8/25/2026	EACH OCCURRENCE \$2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$500,000 MED EXP (Any one person) \$10,000 PERSONAL & ADV INJURY \$2,000,000 GENERAL AGGREGATE \$4,000,000 PRODUCTS - COMP/OP AGG \$4,000,000
A	☒ AUTOMOBILE LIABILITY ☒ ANY AUTO ☐ OWNED AUTOS ONLY ☐ SCHEDULED AUTOS ☒ HIRED AUTOS ONLY ☒ NON-OWNED AUTOS ONLY	Y Y	EBA0625850	8/25/2025	8/25/2026	COMBINED SINGLE LIMIT (Ea accident) \$2,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
B	☒ UMBRELLA LIAB ☒ EXCESS LIAB DED ☒ RETENTION \$ ☐ CLAIMS-MADE		EPP 062 58 50	8/25/2025	8/25/2026	EACH OCCURRENCE \$15,000,000 AGGREGATE \$15,000,000
A	☒ WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N N/A	EWC 062 58 51-05	8/25/2025	8/25/2026	☒ PER STATUTE ☐ OTH-ER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE - EA EMPLOYEE \$1,000,000 E.L. DISEASE - POLICY LIMIT \$1,000,000
B C B	Inland Marine Pollution Liability Installation Floater		EPP 062 58 50 CPM G72537695 005 EPP 062 58 50	8/25/2025 8/25/2025 8/25/2025	8/25/2026 8/25/2026 8/25/2026	Leased/Rented Site & Premises Installation Floater 1,000,000 \$3,000,000 \$750,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
City of Crest Hill; Christopher Burke Engineering, Ltd.; Illinois Department of Transportation; V3 Companies, are additional insureds, on a primary and non-contributory basis as respects the general liability and auto liability coverages, for the work performed by the above insured as required by written contract, subject to the terms and conditions of the endorsements attached to the policy. Waiver of subrogation to the above additional insureds applies per written contract. Umbrella follows underlying coverages.

CERTIFICATE HOLDER

City of Crest Hill
20600 City Center Blvd
Crest Hill IL 60403-1988

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

Kevin Mark Longley

CORD 25 (2016/03)

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WORKERS COMPENSATION AND EMPLOYERS LIABILITY INSURANCE POLICY

**WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS
ENDORSEMENT**

We have the right to recover our payments from anyone liable for an injury covered by this policy. We will not enforce our right against the person or organization named in the Schedule.

This agreement shall not operate directly or indirectly to benefit anyone not named in the Schedule.

Schedule

Blanket Waiver of Subrogation

If you are required by a written contract or agreement, which is executed before a loss, to waive your rights of recovery from others, we agree to waive our rights of recovery.

This waiver of rights applies to any person or organization for whom the Named Insured has agreed by written contract to furnish this waiver, but shall not be construed to be a waiver with respect to any other operations in which the Insured has no contractual interest.

This endorsement changes the policy to which it is attached and is effective on the date issued unless otherwise stated.

(The information below is required only when this endorsement is issued subsequent to preparation of the policy.)

Endorsement Effective 08-25-2025 Policy No. EWC 062 58 51-05 Endorsement No.

Insured AUSTIN TYLER CONSTRUCTION INC

Insurance Company THE CINCINNATI CASUALTY COMPANY

Premium \$INCL

Countersigned by _____

WC 00 03 13

© 1983 National Council on Compensation Insurance.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

CinciPlus®
BUSINESS AUTO XC+®
(EXPANDED COVERAGE PLUS)
ENDORSEMENT

This endorsement modifies insurance provided by the following:

BUSINESS AUTO COVERAGE FORM

With respect to the coverage provided by this endorsement, the provisions of the Coverage Form apply unless modified by this endorsement.

A. Blanket Waiver of Subrogation

SECTION IV - BUSINESS AUTO CONDITIONS, A. Loss Conditions, 5. Transfer of Rights of Recovery Against Others to Us is amended by the addition of the following:

We waive any right of recovery we may have against any person or organization because of payments we make for "bodily injury" or "property damage" arising out of the operation of a covered "auto" when you have assumed liability for such "bodily injury" or "property damage" under an "insured contract", provided the "bodily injury" or "property damage" occurs subsequent to the execution or the "insured contract".

B. Noncontributory Insurance

SECTION IV - BUSINESS AUTO CONDITIONS, B. General Conditions, 5. Other Insurance c. is deleted in its entirety and replaced by the following:

- c. Regardless of the provisions of Paragraph a. above, this Coverage Form's Liability Coverage is primary and we will not seek contribution from any other insurance for any liability assumed under an "insured contract" that requires liability to be assumed on a primary noncontributory basis.

C. Additional Insured by Contract

SECTION II - LIABILITY COVERAGE, A. Coverage, 1. Who is an Insured is amended to include as an insured any person or organization for whom you have agreed in a valid written contract to provide insurance as afforded by this policy.

This provision is limited to the scope of the valid written contract.

This provision does not apply unless the valid written contract has been:

1. Executed prior to the accident causing "bodily injury" or "property damage"; and
2. Is still in force at the time of the "accident" causing "bodily injury" or "property damage".

D. Employee Hired Auto

1. Changes in Liability Coverage

The following is added to the **SECTION II - LIABILITY COVERAGE, A. Coverage, 1. Who is an Insured:**

An "employee" of yours is an "insured" while operating an "auto" hired or rented under a contract or agreement in that "employee's" name, with your permission, while performing duties related to the conduct of your business.

2. Changes in General Conditions

SECTION IV - BUSINESS AUTO CONDITIONS, B. General Conditions, 5. Other Insurance is deleted in its entirety and replaced by the following:

- b. For Hired Auto Physical Damage Coverage the following are deemed to be covered "autos" you own:

- (1) Any covered "auto" you lease, hire, rent or borrow; and
- (2) Any covered "auto" hired or rented by your "employee" under a contract in that individual "employee's" name, with your permission, while performing duties related to the conduct of your business.

However, any "auto" that is leased, hired, rented or borrowed with a driver is not a covered "auto".

E. Audio, Visual and Data Electronic Equipment

SECTION III - PHYSICAL DAMAGE COVERAGE, C. Limit of Insurance is amended by adding the following:

4. The most we will pay for all "loss" to audio, visual or data electronic equipment and any accessories used with this equipment as a result of any one "accident" is the lesser of:

- a. The actual cash value of the damaged or stolen property as of the time of the "accident";
- b. The cost of repairing or replacing the damaged or stolen property with other property of like kind and quality; or
- c. \$2,500.

Provided the equipment, at the time of the "loss" is:

- a. Permanently installed in or upon the covered "auto" in a housing, opening or other location that is not normally used by the "auto" manufacturer for the installation of such equipment;
- b. Removable from a permanently installed housing unit as described in Paragraph 2.a. above; or
- c. An integral part of such equipment.

F. Who is an Insured - Amended

SECTION II - LIABILITY COVERAGE, A. Coverage, 1. Who is an Insured is amended by adding the following:

The following are "insureds":

1. Any subsidiary which is a legally incorporated entity of which you own a financial interest of more than 50% of the voting stock on the effective date of this coverage form.

However, the insurance afforded by this provision does not apply to any subsidiary that is an "insured" under any other automobile liability policy or would be an "insured" under such policy but for termination of such policy or the exhaustion of such policy's limits of insurance.

2. Any organization that is newly acquired or formed by you and over which you maintain majority ownership. The insurance provided by this provision:

- a. Is effective on the date of acquisition or formation, and is afforded for 180 days after such date;
 - b. Does not apply to "bodily injury" or "property damage" resulting from an "accident" that occurred before you acquired or formed the organization;
 - c. Does not apply to any newly acquired or formed organization that is a joint venture or partnership; and
 - d. Does not apply to an insured under any other automobile liability policy or would be an insured under such a policy but for the termination of such policy or the exhaustion of such policy's limits of insurance.
3. Any of your "employees" while using a covered "auto" in your business or your personal affairs, provided you do not own, hire or borrow that "auto".

G. Liability Coverage Extensions - Supplementary Payments - Higher Limits

SECTION II - LIABILITY COVERAGE, A. Coverage, 2. Coverage Extensions, a. Supplementary Payments is amended by:

1. Replacing the \$2,000 Limit of Insurance for bail bonds with \$4,000 in (2); and
2. Replacing the \$250 Limit of Insurance for reasonable expenses with \$500 in (4).

H. Amended Fellow Employee Exclusion

SECTION II - LIABILITY COVERAGE, B. Exclusions, 5. Fellow Employee is modified as follows:

Exclusion 5. Fellow Employee is deleted.

I. Hired Auto - Physical Damage

If hired "autos" are covered "autos" for Liability Coverage, then Comprehensive and Collision Physical Damage Coverages as provided under **SECTION III - PHYSICAL DAMAGE COVERAGE** of this Coverage Part are extended to "autos" you hire, subject to the following:

1. The most we will pay for "loss" to any hired "auto" is \$50,000 or the actual cash value or cost to repair or replace, whichever is the least, minus a deductible.
2. The deductible will be equal to the largest deductible applicable to any owned "auto" for that coverage, or \$1,000, whichever is less.
3. Hired Auto - Physical Damage coverage is excess over any other collectible insurance.

4. Subject to the above limit, deductible, and excess provisions we will provide coverage equal to the broadest coverage applicable to any covered "auto" you own insured under this policy.

Coverage includes loss of use of that hired auto, provided it results from an "accident" for which you are legally liable and as a result of which a monetary loss is sustained by the leasing or rental concern. The most we will pay for any one "accident" is \$3,000.

If a limit for Hired Auto - Physical Damage is shown in the Schedule, then that limit replaces, and is not added to, the \$50,000 limit indicated above and the deductibles shown in the Schedule are applicable.

J. Rental Reimbursement

SECTION III - PHYSICAL DAMAGE COVERAGE is amended by adding the following:

1. We will pay for rental reimbursement expenses incurred by you for the rental of an "auto" because of a "loss" to a covered "auto". Payment applies in addition to the otherwise applicable amount of each coverage you have on a covered "auto". No deductible applies to this coverage.
2. We will pay only for those expenses incurred during the policy period beginning 24 hours after the "loss" and ending, regardless of the policy's expiration, with the lesser of the following number of days:
 - a. The number of days reasonably required to repair the covered "auto". If "loss" is caused by theft, this number of days is added to the number of days it takes to locate the covered "auto" and return it to you; or
 - b. 30 days.
3. Our payment is limited to the lesser of the following amounts:
 - a. Necessary and actual expenses incurred; or
 - b. \$50 per day.
4. This coverage does not apply while there are spare or reserve "autos" available to you for your operations.
5. We will pay under this coverage only that amount of your rental reimbursement expenses which is not already provided for under **SECTION III - PHYSICAL DAMAGE COVERAGE, A. Coverage, 4. Coverage Extensions.**

K. Transportation Expense - Higher Limits

SECTION III - PHYSICAL DAMAGE COVERAGE, A. Coverage, 4. Coverage Extensions is amended by replacing \$20 per day with \$50 per day, and \$600 maximum with \$1,500 maximum in **Extension a. Transportation Expenses.**

L. Airbag Coverage

SECTION III - PHYSICAL DAMAGE COVERAGE, B. Exclusions, 3.a. is amended by adding the following:

However, the mechanical and electrical breakdown portion of this exclusion does not apply to the accidental discharge of an airbag. This coverage for airbags is excess over any other collectible insurance or warranty.

M. Loan or Lease Gap Coverage

1. **SECTION III - PHYSICAL DAMAGE COVERAGE, C. Limit of Insurance** is deleted in its entirety and replaced by the following, but only for private passenger type "autos" with an original loan or lease, and only in the event of a "total loss" to such a private passenger type "auto":
 - a. The most we will pay for "loss" in any one "accident" is the greater of:
 - (1) The amount due under the terms of the lease or loan to which your covered private passenger type "auto" is subject, but will not include:
 - (a) Overdue lease or loan payments;
 - (b) Financial penalties imposed under the lease due to high mileage, excessive use or abnormal wear and tear;
 - (c) Security deposits not refunded by the lessor;
 - (d) Costs for extended warranties, Credit Life Insurance, Health, Accident or Disability Insurance purchased with the loan or lease; and
 - (e) Carry-over balances from previous loans or leases, or
 - (2) Actual cash value of the stolen or damaged property.
 - b. An adjustment for depreciation and physical condition will be made in determining actual cash value at the time of "loss".

2. **SECTION V - DEFINITIONS** is amended by adding the following, but only for the purposes of this **Loan or Lease Gap Coverage**:

"Total loss" means a "loss" in which the cost of repairs plus the salvage value exceeds the actual cash value.

N. Glass Repair - Waiver of Deductible

SECTION III - PHYSICAL DAMAGE COVERAGE, D. Deductible is amended by adding the following:

No deductible applies to glass damage if the glass is repaired in a manner acceptable to us rather than replaced.

O. Duties in the Event of an Accident, Claim, Suit or Loss - Amended

SECTION IV - BUSINESS AUTO CONDITIONS, A. Loss Conditions, 2. Duties in the Event of Accident, Claim, Suit or Loss, a. is amended by adding the following:

This condition applies only when the "accident" or "loss" is known to:

1. You, if you are an individual;
2. A partner, if you are a partnership;
3. An executive officer or insurance manager, if you are a corporation; or
4. A member or manager, if you are a limited liability company.

P. Unintentional Failure to Disclose Hazards

SECTION IV - BUSINESS AUTO CONDITIONS, B. General Conditions, 2. Concealment, Misrepresentation or Fraud is amended by adding the following:

However, if you unintentionally fail to disclose any hazards existing on the effective date of this Coverage Form, we will not deny coverage under this Coverage Form because of such failure.

Q. Mental Anguish Resulting from Bodily Injury

SECTION V - DEFINITIONS, C. "Bodily injury" is deleted in its entirety and replaced by the following:

"Bodily injury" means bodily injury, sickness or disease sustained by a person, including mental anguish and death sustained by the same person that results from such bodily injury, sickness or disease. "Bodily injury" does not include mental anguish or death that does not result from bodily injury, sickness or disease.

R. Coverage for Certain Operations in Connection with Railroads

With respect to the use of a covered "auto" in operations for or affecting a railroad:

1. **SECTION V - DEFINITIONS, H. "Insured contract", 1.c.** is deleted in its entirety and replaced by the following:

c. An easement or license agreement;

2. **SECTION V - DEFINITIONS, H. "Insured contract", 2.a.** is deleted.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.
CONTRACTORS ADDITIONAL INSURED - AUTOMATIC STATUS
AND AUTOMATIC WAIVER OF SUBROGATION
WHEN REQUIRED IN WRITTEN CONTRACT, AGREEMENT,
PERMIT OR AUTHORIZATION - ILLINOIS

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

A. Additional Insured - Owners, Lessees Or Contractors - Automatic Status For Other Parties When Required In Written Contract Or Agreement With You

1. **Section II - Who Is An Insured** is amended to include as an additional insured any person or organization you have agreed in writing in a contract or agreement to add as an additional insured on this Coverage Part. Such person(s) or organization(s) is an additional insured only with respect to liability for:

- a. "Bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by the performance of your ongoing operations by you or on your behalf, under that written contract or written agreement. Ongoing operations does not apply to "bodily injury" or "property damage" occurring after:

- (1) All work, including materials, parts or equipment furnished in connection with such work, on the project (other than service, maintenance or repairs) to be performed by or on behalf of the additional insured(s) at the location of the covered operations has been completed; or

- (2) That portion of "your work" out of which the injury or damage arises has been put to its intended use by any person or organization other than another contractor or subcontractor engaged in performing operations for a principal as a part of the same project; and

- b. "Bodily injury" or "property damage" caused, in whole or in part, by "your work" performed under that written contract or written agreement and in-

cluded in the "products-completed operations hazard", but only if:

- (1) The Coverage Part to which this endorsement is attached provides coverage for "bodily injury" or "property damage" included within the "products-completed operations hazard"; and

- (2) The written contract or written agreement requires you to provide additional insured coverage included within the "products-completed operations hazard" for that person or organization.

If the written contract or written agreement requires you to provide additional insured coverage included within the "products-completed operations hazard" for a specified length of time for that person or organization, the "bodily injury" or "property damage" must occur prior to the expiration of that period of time in order for this insurance to apply.

If the written contract or written agreement requires you to provide additional insured coverage for a person or organization per only ISO additional insured endorsement form number **CG 20 10**, without specifying an edition date, and without specifically requiring additional insured coverage included within the "products-completed operations hazard", this Paragraph b. does not apply to that person or organization.

2. If the written contract or written agreement described in Paragraph 1. above specifically requires you to provide additional insured coverage to that person or organization:

- a. Arising out of your ongoing operations or arising out of "your work"; or

- b. By way of an edition of an ISO additional insured endorsement that includes *arising out of* your ongoing operations or *arising out of* "your work";

then the phrase *caused, in whole or in part, by* in Paragraph **A.1.a.** and/or Paragraph **A.1.b.** above, whichever applies, is replaced by the phrase *arising out of*.

3. With respect to the insurance afforded to the additional insureds described in Paragraph **A.1.**, the following additional exclusion applies:

This insurance does not apply to "bodily injury", "property damage" or "personal and advertising injury" arising out of the rendering of, or the failure to render, any professional architectural, engineering or surveying services, including:

- a. The preparing, approving or failing to prepare or approve, maps, shop drawings, opinions, reports, surveys, field orders, change orders or drawings and specifications; or
- b. Supervisory, inspection, architectural or engineering activities.

This exclusion applies even if the claims against any insured allege negligence or other wrongdoing in the supervision, hiring, employment, training or monitoring of others by that insured, if the "occurrence" which caused the "bodily injury" or "property damage", or the offense which caused the "personal and advertising injury", involved the rendering of, or the failure to render, any professional architectural, engineering or surveying services.

4. This Paragraph **A.** does not apply to additional insureds described in Paragraph **B.**

B. Additional Insured - State Or Governmental Agency Or Subdivision Or Political Subdivision - Automatic Status When Required In Written Permits Or Authorizations

1. **Section II - Who Is An Insured** is amended to include as an additional insured any state or governmental agency or subdivision or political subdivision you have agreed in writing in a permit or authorization to add as an additional insured on this Coverage Part. Such state or governmental agency or subdivision or political subdivision is an additional insured only with respect to operations performed by you or on your behalf for which the state or governmental agency or subdivision or political subdivision has issued, in writing, a permit or authorization.

2. With respect to the insurance afforded to the additional insureds described in Paragraph **B.1.**, the following additional exclusions apply:

This insurance does not apply to:

- a. "Bodily injury", "property damage" or "personal and advertising injury" arising out of operations performed for the federal government, state or municipality; or
- b. "Bodily injury" or "property damage" included within the "products-completed operations hazard."

- c. The insurance afforded to additional insureds described in Paragraphs **A.** and **B.**:

1. Only applies to the extent permitted by law;
2. Will not be broader than that which you are required by the written contract, written agreement, written permit or written authorization to provide for such additional insured;
3. Does not apply to any person, organization, state, governmental agency or subdivision or political subdivision specifically named as an additional insured for the same project in the schedule of an endorsement added to this Coverage Part; and
4. Does not apply to the City of Chicago, its officers, employees and agents with respect to liability caused by or arising from:
 - a. The building or disassembly of scaffolding by or for you; or
 - b. The use of such scaffolding.

- d. With respect to the insurance afforded to the additional insureds described in Paragraphs **A.** and **B.**, the following is added to **Section III - Limits Of Insurance**:

The most we will pay on behalf of the additional insured is the amount of insurance:

1. Required by the written contract, written agreement, written permit or written authorization described in Paragraphs **A.** and **B.** For the purpose of determining the required amount of insurance only, we will include the minimum amount of any Umbrella Liability or Excess Liability coverage required for that additional insured in that written contract, written agreement, written permit or written authorization; or
2. Available under the applicable limits of insurance;

whichever is less.

This endorsement shall not increase the applicable limits of insurance shown in the Declarations.

E. Section IV - Commercial General Liability Conditions is amended to add the following:

Automatic Additional Insured Provision

This insurance applies only if the "bodily injury" or "property damage" occurs, or the "personal and advertising injury" offense is committed:

1. During the policy period; and
2. Subsequent to your execution of the written contract or written agreement, or the issuance of a written permit or written authorization, described in Paragraphs **A.** and **B.**

F. Except when G. below applies, the following is added to Section IV - Commercial General Liability Conditions, 5. Other Insurance, and supersedes any provision to the contrary:

When Other Additional Insured Coverage Applies On An Excess Basis

This insurance is primary to other insurance available to the additional insured described in Paragraphs **A.** and **B.** except:

1. As otherwise provided in **Section IV - Commercial General Liability Conditions, Other Insurance, b. Excess Insurance**; or
2. For any other valid and collectible insurance available to the additional insured as an additional insured on another insurance policy that is written on an excess basis. In such case, this insurance is also excess.

G. The following is added to Section IV - Commercial General Liability Conditions, Other Insurance, and supersedes any provision to the contrary:

Primary Insurance When Required By Written Contract, Agreement, Permit Or Authorization

Except when wrap-up insurance applies to the claim or "suit" on behalf of the additional insured, this insurance is primary to any other insurance available to the additional insured described in Paragraphs **A.** and **B.** provided that:

1. The additional insured is a Named Insured under such other insurance; and

2. You have agreed in writing in a contract, agreement, permit or authorization described in Paragraph **A.** or **B.** that this insurance would be primary to any other insurance available to the additional insured.

As used in this endorsement, wrap-up insurance means a centralized insurance program under which one party has secured either insurance or self-insurance covering some or all of the contractors or subcontractors performing work on one or more specific project(s).

Primary And Noncontributory Insurance When Required By Written Contract, Agreement, Permit Or Authorization

Except when wrap-up insurance applies to the claim or "suit" on behalf of the additional insured, this insurance is primary to and will not seek contribution from any other insurance available to the additional insured described in Paragraphs **A.** and **B.** provided that:

1. The additional insured is a Named Insured under such other insurance; and
2. You have agreed in writing in a contract, agreement, permit or authorization described in Paragraph **A.** or **B.** that this insurance would be primary and would not seek contribution from any other insurance available to the additional insured.

As used in this endorsement, wrap-up insurance means a centralized insurance program under which one party has secured either insurance or self-insurance covering some or all of the contractors or subcontractors performing work on one or more specific project(s).

H. Section IV - Commercial General Liability Conditions, Transfer Of Rights Of Recovery Against Others To Us is amended by the addition of the following:

Waiver of Subrogation

We waive any right of recovery against any additional insured under this endorsement, because of any payment we make under this endorsement, to whom the insured has waived its right of recovery in a written contract, written agreement, written permit or written authorization. Such waiver by us applies only to the extent that the insured has waived its right of recovery against such additional insured prior to loss.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

AUTOMATIC PRIMARY AND NON-CONTRIBUTORY COVERAGE ENDORSEMENT - WHERE REQUIRED BY WRITTEN CONTRACT

This endorsement modifies insurance provided under the following:

COMMERCIAL UMBRELLA LIABILITY COVERAGE PART

SCHEDULE

LIMITS OF INSURANCE: \$ 15 ,000,000 Each Occurrence Limit \$ 15 ,000,000 Aggregate Limit	
---	--

COMMERCIAL UMBRELLA LIABILITY COVERAGE FORM, US 101 and US 101 UM, is amended as follows:

A. SECTION III - LIMITS OF INSURANCE is amended to add the following:

7. For the purposes of this endorsement only, the Limits of Insurance stated in the Schedule of this endorsement and described below will apply on a "primary and non-contributory basis" within the parameters set forth in **SECTION III - LIMITS OF INSURANCE** of the Coverage Part to which this endorsement is attached:

We will not pay more on behalf of a "non-contributory additional insured" than the lesser of:

- The Limits of Insurance stated in the Schedule of this endorsement; or
- The limits of insurance required in a written contract on a "primary and non-contributory basis" for such "non-contributory additional insured", but only to the extent the required limits of insurance are in excess of the "underlying insurance"; or
- The Limits of Insurance available after the payment of "ultimate net loss" on any insured's behalf from any claim or "suit".

This provision is included within and does not act to increase the Limits of Insurance stated in the Declarations.

B. SECTION IV - CONDITIONS is amended as follows:

1. Condition 9. **Other Insurance** is amended to add the following:

It is agreed that this condition does not apply to the "non-contributory additional insured's" own insurance program on which they are a named insured.

However:

- This exception to the Other Insurance Condition shall only apply if the applicable "underlying insurance" applies on a "primary and non-contributory basis" for such "non-contributory additional insured" and only to the extent of the specific limits of insurance required in a written contract or agreement on a "primary and non-contributory basis" that is in excess of the "underlying insurance"; and
- It is understood and agreed that the insurance provided by this Coverage Part is excess of:
 - "Underlying insurance" listed in the Schedule of Underlying Insurance;
 - Any other insurance available to the "non-contributory additional insured" as an additional insured; and
 - Any other insurance available to the "non-contributory additional insured" on which they are not a named insured.

2. The following condition is added:

15. As a precedent to the receipt of insurance coverage hereunder, the "non-contributory additional insured" must give written notice of such claim or "suit", including a demand for de-

fense and indemnity, to any other insurer who had coverage for the claim or "suit" under its policies. Such notice must demand the full coverage available and the "non-contributory additional insured" shall not waive or limit such other available coverage.

This condition does not apply to the "non-contributory additional insured's" own insurance program on which they are a named insured.

C. SECTION V - DEFINITIONS is amended to add the following:

30. "Non-contributory additional insured" means any person or organization:

- a. Qualifying as an additional insured under **SECTION II - WHO IS AN INSURED**, Paragraph 3. of the Coverage Part to which this endorsement is attached; and
- b. Being granted additional insured status on a "primary and non-contributory basis" in the "underlying insurance" as required in a written

contract between an additional insured and a Named Insured provided:

- (1) The written contract or agreement is executed before the "occurrence" resulting in "bodily injury", "personal and advertising injury" or "property damage" for which coverage is being sought under this endorsement; and
- (2) The written contract or agreement requires a specific limit of insurance on a "primary and non-contributory basis" that is in excess of "underlying insurance".

31. "Primary and non-contributory basis" means that the limits of insurance of the Coverage Part to which this endorsement is attached apply to insured loss on behalf of the "non-contributory additional insured" prior to limits of insurance from other insurance in which the "non-contributory additional insured" is a named insured.

CITY OF CREST HILL

2026 ROADWAY REHABILITATION PROJECT

Bid Opening Date:.....Friday June 26, 2026
Bid Opening Time:.....10:00am
Bid Opening Location:.....QuestCDN Virtual Bid
Bid Deposit:10% of the Amount of Bid
Performance Bond:.....100% of the Amount of Bid

Obtain information from:

Alex Schaefer, PE
Christopher B. Burke Engineering, Ltd.
16221 W. 159th Street, Suite 201
Lockport, IL 60441
(815) 770-2850
aschaefer@cbbel.com

Submit Bids to:

City of Crest Hill
Via QuestCDN Online Bidding
QuestCDN #10235399
www.QuestCDN.com

Note: This cover sheet is an integral part of the contract documents and is, as are all of the following documents, part of any contract executed between the City of Crest Hill and any successful Bidder. Do not detach any portion of this document. Invalidation could result.

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City Standard Details
Pavement Cores

TAB 4

Location Map
Typical Sections
Caton Farm Road Roadway Plans
Summary of Quantities

Austin Tyler Construction, INC.

June 26, 2026

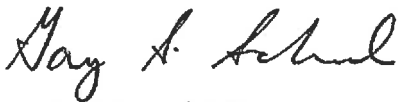
City of Crest Hill

RE: 2026 Roadway Rehabilitation Project

To Whom It May Concern,

Per the Illinois Department of Transportation Rules of Prequalification of Contractors, Austin Tyler Construction is requesting a waiver to forgo filing the Affidavit of Availability, under Section 650.310 sub D, based on our current financial rating.

Sincerely,



Gary S. Schumal P.E.
President

23343 South Ridge Road, Elwood, Illinois 60421
Phone: (815) 726-1090 Fax: (815) 726-1171



Illinois Department of Transportation

Certificate of Eligibility

Contractor No 6117

Austin Tyler Construction, Inc.
23343 South Ridge Road ELWOOD, IL 60421

WHO HAS FILED WITH THE DEPARTMENT AN APPLICATION FOR PREQUALIFICATION STATEMENT OF EXPERIENCE, EQUIPMENT AND FINANCIAL CONDITION IS HEREBY QUALIFIED TO BID AT ANY OF DEPARTMENT OF TRANSPORTATION LETTINGS IN THE CLASSES OF WORK AND WITHIN THE AMOUNT AND OTHER LIMITATIONS OF EACH CLASSIFICATION, AS LISTED BELOW, FOR SUCH PERIOD AS THE UNCOMPLETED WORK FROM ALL SOURCES DOES NOT EXCEED SUPER UNLIMITED

001	EARTHWORK	\$19,050,000
003	HMA PLANT MIX	\$30,800,000
012	DRAINAGE	Unlimited
017	CONCRETE CONSTRUCTION	\$16,925,000
032	COLD MILL, PLAN. & ROTOMILL	\$3,100,000
08A	AGGREGATE BASES & SURF. (A)	\$6,400,000
09A	HIGHWAY STRUCTURES	\$7,125,000
15A	COVER & SEAL COATS (A)	\$550,000

THIS CERTIFICATE OF ELIGIBILITY IS VALID FROM 3/27/2026 TO 4/30/2027 INCLUSIVE, AND SUPERSEDES ANY CERTIFICATE PREVIOUSLY ISSUED, BUT IS SUBJECT TO REVISION OR REVOCATION, IF AND WHEN CHANGES IN THE FINANCIAL CONDITION OF THE CONTRACTING FIRM OR OTHER FACTS JUSTIFY SUCH REVISIONS OR REVOCATION. ISSUED AT SPRINGFIELD, ILLINOIS ON 3/27/2026.

Justin M. M.
Engineer of Construction

NOT A STATE PROJECT**NOTICE TO BIDDERS**

County Will
 Local Public Agency Crest Hill
 Section Number N/A
 Route 2026 Roadway Rehabilitation Project

Sealed proposals for the improvement described below will be received at the office of ONLINE VIA QUESTCDN
QUESTCDN #10235399 until 10:00 AM on June 26, 2026
 Address Time Date

Sealed proposals will be opened and read publicly at the office of ONLINE VIA QUESTCDN
QUESTCDN #10235399 at 10:00 AM on June 26, 2026
 Address Time Date

DESCRIPTION OF WORK

Name 2026 Roadway Rehabilitation Project Length: 16,810 feet (3.18 miles)
 Location Various locations, see location map.
 Proposed Improvement HMA Resurfacing, Hot-In-Place Recycling, Pavement Patching, Curb & Gutter Replacement, Roadway Widening, Driveway Replacement, Structure Adjustments, Parkway Restoration - Seeding

1. Plans and proposal forms will be available in the office of Electronically for a \$22 download fee and \$42 bidding fee QuestCDN #10235399 via the QuestCDN website at www.questcdn.com; Contact Alex Schaefer @ Aschaefer@cbbel.com
 Address
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 Will
Local Public Agency Crest Hill
Section Number N/A
Route 2026 Roadway Rehabilitation Project

1. Proposal of

Austin Tyler Construction, Inc

23343 S Ridge Road
Elwood, IL 60421

for the improvement of the above section by the construction of HMA Resurfacing, Hot-In-Place Recycling, Pavement Patching, Curb & Gutter Removal & Replacement, Roadway Widening, Driveway Replacement, Structure Adjustments and Parkway Restoration - Seeding

a total distance of 16,810 feet, of which a distance of 16,810 feet, (3.18 miles) are to be improved.

2. The plans for the proposed work are those prepared by Christopher B. Burke Engineering Ltd. and approved by the Department of Transportation on N/A
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 11/20/2026 unless additional time is granted in accordance with the specifications.
6. A proposal guaranty in the proper amount, as specified in BLRS Special Provision for Bidding Requirements and Conditions for Contract Proposals, will be required. Bid Bonds will be allowed as a proposal guaranty. Accompanying this proposal is either a bid bond if allowed, on Department form BLR 12230 or a proposal guaranty check, complying with the specifications, made payable to:

City _____ Treasurer of Crest Hill

The amount of the check is 10% of the total bid price (_____).

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.

CONTRACTOR CERTIFICATIONS

County	Will
Local Public Agency	Crest Hill
Section Number	N/A
Route	2026 Roadway Rehabilitation Project

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

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

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

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

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

RETURN WITH BID

SIGNATURES

County Will
Local Public Agency Crest Hill
Section Number N/A
Route 2026 Roadway Rehabilitation Project

(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 Austin Tyler Construction, Inc

Signed By *Gary S. Schumal*
President

Business Address 23343 S Ridge Road
Elwood, IL 60421

Insert Names of Officers



President Gary S. Schumal

Secretary Tina M. Wildrick

Treasurer _____

Attest: *Tina M. Wildrick*
Secretary

RETURN WITH BID

BIDDER'S MATERIAL PROCUREMENT CERTIFICATION FORM

Austin Tyler Construction, Inc

(Name of Bidder), having submitted a bid on a contract for the **2026 Roadway Rehabilitation Project** to the CITY, hereby certifies that said BIDDER has contacted all necessary subcontractors, material suppliers, vendors, etc. and has confirmed that materials are available upon request to complete said project by the completion date(s) listed in the bid documents: **November 20, 2026**.

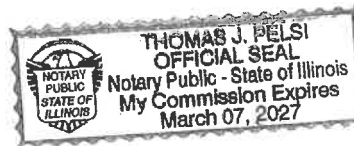
Below, the BIDDER shall disclose to the CITY all material procurement delays known at the time of bid:

Subcontractor/Material Supplier/Vendor	Material	Projected Lead Time
<u>none</u>		

By: May S. Schind
Authorized Agent of BIDDER

Subscribed and sworn to before me this 26TH day of JUNE, 2026.

[Signature]
Notary Public



The CITY reserves the right to reject any or all bids, and to waive technicalities in bidding. The CITY reserves the right to reject the bid of any BIDDER who fails to complete this form. The CITY reserves the right to terminate the contract at any time if the awarded BIDDER cannot complete the project by the completion date listed in the bid documents.

Affidavit of Availability

For the Letting of 6/26/26

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

Part I. Work Under Contract

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

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

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

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

List below the uncompleted dollar value of work for each contract and awards pending to be completed with your own forces. All work subcontracted to others will be listed on the reverse of this form. In a joint venture, list only that portion of the work to be done by your company. If no work is contracted, show NONE.						Accumulated Totals
Earthwork						
Portland Cement Concrete Paving						
HMA Plant Mix						
HMA Paving						
Clean & Seal Cracks/Joints						
Aggregate Bases & Surfaces						
Highway, R.R. and Waterway Structures						
Drainage						
Electrical						
Cover and Seal Coats						
Concrete Construction						
Landscaping						
Fencing						
Guardrail						
Painting						
Signing						
Cold Milling, Planning & Rotomilling						
Demolition						
Pavement Markings (Paint)						
Other Construction (List)						
						\$ 0.00
Totals						

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

Part III. Work Subcontracted to Others.

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

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

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

Subscribed and sworn to before me

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

Signed _____

Notary Public

My commission expires _____

(Notary Seal)

Company _____

Address _____

RETURN WITH BID

NOT A STATE PROJECT

SCHEDULE OF PRICES

County Will
Local Public Agency Crest Hill
Section N/A
2026 Roadway
Route Rehabilitation Project

Schedule for Single Bid
(For complete information covering these items, see plans and specifications)

Bidder's Proposal for making Entire Improvements

SP	Item No.	Pay Item Number	Items	Unit	Quantity	Unit Price	Total
	1	20101200	TREE ROOT PRUNING	EACH	15	\$0.01	\$0.15
#	2	20200500	EARTH EXCAVATION (WIDENING)	CU YD	1,390	\$44.00	\$61,160.00
	3	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS	CU YD	357	\$41.00	\$14,637.00
#	4	20700220	POROUS GRANULAR EMBANKMENT	CU YD	357	\$49.00	\$17,493.00
#	5	21400100	GRADING AND SHAPING DITCHES	FOOT	3,500	\$13.00	\$45,500.00
	6	28000305	TEMPORARY DITCH CHECKS	FOOT	140	\$15.00	\$2,100.00
	7	28000510	INLET FILTERS	EACH	79	\$50.00	\$3,950.00
#	8	30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	2,189	\$17.00	\$37,213.00
	9	35600716	HOT-MIX ASPHALT BASE COURSE WIDENING 10"	SQ YD	1,990	\$42.00	\$83,580.00
	10	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	24,100	\$0.35	\$8,435.00
	11	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	649	\$22.00	\$14,278.00
	12	40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	1,256	\$77.25	\$97,026.00
	13	40604012	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70	TON	1,770	\$79.50	\$140,715.00
	14	40604060	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50	TON	3,827	\$79.50	\$304,246.50
#	15	42400200	PORTLAND CEMENT CONCRETE SIDEWALK, 5-INCH (SPECIAL)	SQ FT	1,106	\$10.00	\$11,060.00
#	16	42400800	DETECTABLE WARNINGS	SQ FT	160	\$26.00	\$4,160.00
	17	44000100	PAVEMENT REMOVAL	SQ YD	834	\$23.00	\$19,182.00
	18	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	541	\$18.00	\$9,738.00
	19	44000600	SIDEWALK REMOVAL	SQ FT	1,106	\$3.00	\$3,318.00
#	20	44201713	CLASS D PATCHES, 6 INCH (SPECIAL)	SQ YD	1,061	\$53.00	\$56,233.00
#	21	44201785	CLASS D PATCHES, 12 INCH (SPECIAL)	SQ YD	732	\$122.00	\$89,304.00
#	22	48101202	AGGREGATE SHOULDERS, TYPE B	CU YD	370	\$78.00	\$28,860.00
	23	60266600	VALVE BOXES TO BE ADJUSTED	EACH	4	\$260.00	\$1,040.00
#	24	60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	23	\$365.00	\$8,395.00
#	25	60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	2	\$365.00	\$730.00
#	26	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	\$20,000.00	\$20,000.00

RETURN WITH BID

SP	Item No.	Pay Item Number	Items	Unit	Quantity	Unit Price	Total
	27	70300100	SHORT TERM PAVEMENT MARKING	FOOT	1,090	\$2.00	\$2,180.00
	28	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	364	\$3.00	\$1,092.00
	29	70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	115	\$2.60	\$299.00
	30	70300221	TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT	FOOT	20,318	\$0.40	\$8,127.20
	31	70300241	TEMPORARY PAVEMENT MARKING - LINE 6" - PAINT	FOOT	523	\$0.40	\$209.20
	32	70300261	TEMPORARY PAVEMENT MARKING - LINE 12" - PAINT	FOOT	87	\$0.40	\$34.80
	33	70300281	TEMPORARY PAVEMENT MARKING - LINE 24" - PAINT	FOOT	38	\$2.60	\$98.80
	34	78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	115	\$6.30	\$724.50
	35	78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	20,318	\$0.85	\$17,270.30
	36	78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	867	\$1.55	\$1,343.85
	37	78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	117	\$3.15	\$368.55
	38	78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	368	\$6.30	\$2,318.40
	39	78300201	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	15,488	\$0.50	\$7,744.00
#	40	X3580300	AGGREGATE BASE REPAIR (SPECIAL)	TON	289	\$22.00	\$6,358.00
#	41	X3580302	PREPARATION OF BASE (SPECIAL)	SQ YD	6,914	\$1.25	\$8,642.50
#	42	X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	5	\$900.00	\$4,500.00
#	43	X8860105	DETECTOR LOOP REPLACEMENT	FOOT	75	\$62.00	\$4,650.00
#	44	Z0013798	CONSTRUCTION LAYOUT	LSUM	1	\$12,000.00	\$12,000.00
#	45	Z0018400	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED	EACH	32	\$370.00	\$11,840.00
#	46	Z0017700	DRAINAGE & UTILITY STRUCTURES TO BE RECONSTRUCTED	EACH	4	\$900.00	\$3,600.00
#	47	LR400520	HOT IN-PLACE RECYCLING - SURFACE RECYCLING	SQ YD	47,538	\$5.20	\$247,197.60
#	48	NA	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	479	\$52.00	\$24,908.00
#	49	NA	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 4" (SPECIAL)	SQ YD	541	\$67.00	\$36,247.00
#	50	NA	HOT-MIX ASPHALT SURFACE REMOVAL, FULL DEPTH	SQ YD	6,914	\$2.60	\$17,976.40
#	51	NA	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH - EDGE GRIND 1.25" MAX. DEPTH	SQ YD	14,823	\$1.60	\$23,716.80
#	52	NA	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH - EDGE GRIND 1.75" MAX. DEPTH	SQ YD	1,540	\$5.65	\$8,701.00
#	53	NA	PARKWAY RESTORATION - SEEDING	SQ YD	4,524	\$14.00	\$63,336.00
#	54	NA	PROJECT SIGNS	EACH	19	\$1,300.00	\$24,700.00
#	55	NA	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT (HI-EARLY STRENGTH), 6"	SQ YD	1,492	\$90.00	\$134,280.00
#	56	NA	PCC MEDIAN EXTENSION (GAYLORD ROAD)	LSUM	1	\$10,000.00	\$10,000.00
# INDICATES SPECIAL PROVISION						BID TOTAL	\$1,766,817.55
END OF SCHEDULE OF PRICES							

AGREEMENT BETWEEN THE CITY OF CREST HILL AND "CONTRACTOR"

THIS AGREEMENT ("Agreement") is made and entered into by and between the City of Crest Hill ("City") and Austin Tyler Construction, Inc. ("Contractor") on this, the ____ day of _____, 2026. The City and the Contractor may be referred to individually as a "Party" or collectively as the "Parties," where appropriate.

1. The Contract Documents, in order of priority, shall consist of the following:

- i. This Agreement
- ii. Contract Special Provisions bearing the title "Special Provisions for 2026 Roadway Rehabilitation Program Project."
- iii. All Contract Drawings and Construction Details included with the notice to bidders, invitation to bid, and bidding instructions for the 2026 Roadway Rehabilitation Program Project.
- iv. City of Crest Hill Division 100 bearing the title General Requirements and Covenants
- v. Performance and Payment Bonds.
- vi. Contractor's Bid and Proposal.
- vii. All documentation submitted by Contractor prior to notice of Award.
- viii. Notice to bidders, invitation to bid, and bidding instructions for the 2026 Roadway Rehabilitation Program Project.
- ix. Notice of Award.
- x. Notice to Proceed.

The documents listed in this Paragraph 1, above, are not attached to this Agreement (except as expressly noted otherwise above) but are incorporated herein by reference. The Contract Documents (as set forth above) may only be amended, modified, or supplemented as provided in the City of Crest Hill Division 100 bearing the title General Requirements and Covenants. To the extent any provisions of any of the Contract Documents conflict with this Agreement, the provisions that are most beneficial to the City shall control. In the event that the Contractor believes such a conflict exists, the Contractor shall, as soon as practicable, request clarification from the City.

2. THE WORK

The Contractor shall fully execute the Work, as described and set out in the Contract Documents in a good and workmanlike manner.

3. DATES OF COMMENCEMENT AND SUBSTANTIAL COMPLETION

The Contractor shall commence the work within fifteen (15) days after the date set forth in the Notice to Proceed issued by the City in connection with this Agreement (the "Commencement Date"). The Contractor shall achieve substantial completion of the entire Work:

_____ Within _____ days after the Commencement Date.

X On or before November 20, 2026.

After the date of substantial completion, the Contractor shall have an additional 5 working days to complete all clean-up and punch-list items.

The Contractor shall not be entitled to payment or compensation for any alleged damages, costs, or expenses whatsoever that arise in connection with the Contractor ensuring timely completion of the Work, regardless of the source or cause of such alleged damages, costs, or expenses and regardless of whether said source or cause was reasonable, foreseeable, or avoidable. In the event that the Contractor believes that it will suffer damages or incur additional costs, including but not limited to any costs of acceleration, or expenses and the source or cause of such damages, costs, or expenses was an act of the City or an act of God, the Contractor's only recourse and remedy shall be to request an extension of the time for substantial completion, which the City may agree, but is not obligated, to grant in its sole discretion.

4. LIQUIDATED DAMAGES

The City and the Contractor agree that any breach of this agreement by the Contractor that results in the delay of the project will cause the City to be damaged in a manner and amount that is uncertain and difficult to ascertain. In light of this agreement, the City and Contractor further agree that, in the event that the Contractor breaches any provision of this Agreement and such breach results in any delay of the project, the Contractor shall pay the City liquidated damages in the amounts set forth in the Contract Documents. The Parties agree and affirm that, while actual damages may be difficult to prove because of an unexpected breach of this Agreement, and delay of the project, by the Contractor, the liquidated damages set forth in the Contract Documents are reasonable as of the time this Agreement is executed. Further, the Parties agree and affirm that said damages bear a rational relation and connection to the damages that are reasonably foreseeable to be sustained by the City as a result of Contractor's unexpected breach of this Agreement. Accordingly, it is the express intent of the Parties, as evidenced by their respective execution of this Agreement, to hereby settle any claims of damages that might arise as a result of Contractor's breach of this Agreement, to the extent that such breach causes any actual delay of the project.

5. CONTRACT SUM

The City shall pay the Contractor for the performance of the Work in the manner and at the rate bid and accepted by the City as shown on the Contractor's Bid Proposal Form and the City's Notice of Award.

6. PROGRESS PAYMENTS

- (a) The Contractor shall file progress payment requests on a monthly basis, and the City shall make payments to the Contractor as provided below and elsewhere in the Contract Documents.
- (b) The period covered by each period payment request shall be one calendar month ending on the last day of the month.
- (c) Upon receipt of any progress payment request, the City shall review and respond to the request within Sixty (60) days after receipt by either paying the Contractor the sums requested or else by withholding payment of all or part of said sums and notifying the Contractor in writing of the reasons for such withholding.
- (d) Progress payments shall be computed as follows:
 - (i) The amount of each progress payment shall include:
 - (1) That portion of the Contract Sum properly allocable to labor, materials, and equipment used for completed and approved Work during the time period being billed.
 - (ii) The amount of each progress payment shall then be reduced by:
 - (1) The aggregate of any amounts previously paid by the City; and
 - (2) The amount, if any, for Work that remains uncorrected and for which the City previously withheld payment or part thereof; and
 - (3) For Work performed or defects discovered since the last payment application, any amount for which the City may withhold payment as set forth in the Contract Documents; and
 - (4) Retainage, as set forth herein.
- (e) In order to be valid, each request for payment shall include or be accompanied by the following:
 - (i) A sworn statement showing the amount presently due to the Contractor (supported by detailed timecards and invoices for materials the amount previously paid), the sum of all amounts previously paid to the Contractor, and the total amount remaining to be paid to Contractor under the Contract.
 - (ii) A list of all subcontractors, suppliers, and materialmen, if any, who have been engaged to perform work in connection with the Project, which list shall be sworn and shall show the sum of all amounts previously paid, presently due, and remaining to be paid to each subcontractor, supplier, and/or materialman.
 - (iii) A sworn lien waiver, signed by the Contractor or its authorized representative, that fully and satisfactorily waives any and all lien rights that the Contractor may have in the Work or any property or funds of the City in an amount equal to the sum of the

amount requested for payment and all amounts previously paid or retained during the course of the Contract.

- (iv) Sworn lien waivers signed by each subcontractor, supplier, and/or materialman on whose behalf the Contractor is applying for payment in any amount whatsoever, that fully and satisfactorily waives any and all lien rights that such subcontractor, supplier, and/or materialman may have in the Work or any property or funds of the City in an amount equal to the sum of the amount requested for payment to said subcontractor, supplier, and/or materialman and all amounts previously paid or retained during the course of the Contract for the purpose of paying said subcontractor, supplier, and/or materialman.

7. REDUCTIONS IN PAYMENT BY CITY (CITY'S RIGHT TO SETOFF)

- (a) The Parties hereby agree that the City is entitled to impose a set-off against payment based on any of the following:
 - (i) Claims have been made against the City on account of the Contractor's conduct in the performance or furnishing of the Work, or the City has incurred costs, losses, or damages on account of the Contractor's conduct in the performance or furnishing of the Work, including but not limited to claims, costs, losses, or damages from workplace injuries, adjacent property damage, non-compliance with Laws and Regulations, and patent infringement; or
 - (ii) The Contractor has failed to take reasonable and customary measures to avoid damage, delay, disruption, and interference with other work at or adjacent to the Site; or
 - (iii) The Contractor has failed to provide and maintain required bonds or insurance; or
 - (iv) The City has been required to remove or remediate a hazardous environmental condition for which the Contractor is responsible; or
 - (v) The City has incurred extra charges or engineering costs related to submittal reviews, evaluations of proposed substitutes, tests and inspections, or return visits to manufacturing or assembly facilities; or
 - (vi) The Work is defective, requiring correction or replacement; or
 - (vii) The City has been required to correct defective Work at its own cost; or
 - (viii) The Contract Sum has been reduced by change orders; or
 - (ix) An event that would constitute justify the City to terminate this Agreement for cause has occurred; or
 - (x) Liquidated damages have accrued as a result of the Contractor's failure to timely achieve Substantial Completion or final completion of the Work; or

- (xi) Liens have been filed in connection with the Work, except where the Contractor has delivered a specific bond satisfactory to the City to secure the satisfaction and discharge of such Liens; or
- (xii) There are other items entitling the City to a set off.
- (b) If the City imposes any set-off against payment the City will give the Contractor immediate written notice stating the reasons for such action and the specific amount of the reduction and shall promptly pay the Contractor any amount remaining after deduction of the amount so withheld. The City shall promptly pay the Contractor the amount so withheld, or any adjustment thereto agreed to by the City and the Contractor, if the Contractor remedies the reasons for such action. The reduction imposed shall be binding on the Contractor unless it duly submits a change proposal contesting the reduction.
- (c) Upon a subsequent determination that the City's refusal of payment was not justified, the amount wrongfully withheld shall be promptly paid, along with 5% interest per annum.

8. RETAINAGE

Retainage will be held based on Public Act 103-0570. 10% will be held up to 50% completion of the project. When more than 50% of the contract is completed, 5% retainage will be held.

9. FINAL PAYMENT

- (a) Subject to all requirements and provisions of this Agreement, including but not limited to the City's right to setoff its obligations to the Contractor (see Section 7, above), and the Contract Documents, final payment, constituting the entire unpaid balance of the Contract Sum, shall be made by the City to the Contractor when the Contractor has fully performed the Work and all other obligations under the Contract Documents other than those obligations related to the Contractor's responsibility (1) to correct deficient or unacceptable Work as provided in the Contract Documents, and (2) to satisfy other requirements, if any, which extend beyond final payment.
- (b) Upon receiving a request for final payment under the Contract, the City shall pay the balance of the contract sum within thirty (30) days of completion of punch list items by the Contractor and sign-off and approval by the City. Notwithstanding the forgoing, the City may avail itself of any longer timelines applicable to a payment as available under the Illinois Local Government Prompt Payment (Act 50 ILCS 505/1 *et seq.*), the provisions of which Act shall apply to this Contract. **THE LAW REQUIRES THAT THE CONTRACTOR SHALL SUBMIT A SWORN STATEMENT OF PERSONS FURNISHING MATERIALS AND LABOR BEFORE ANY PAYMENTS ARE REQUIRED TO BE MADE TO THE CONTRACTOR (770 ILCS 60/5).**

10. INSURANCE

(a) General Insurance Requirements.

The Contractor shall fully comply with all requirements set forth in Section 7-2 of the Division 100, General Requirements and Covenants (Insurance Requirements), along with any and all other insurance requirements set out in the Contract Documents.

(b) Other Insurance Requirements

The Contractor shall deliver to the City prior to commencing Work, certificates of insurance (ACORD Form 27 or other form acceptable to the City) evidencing the required insurance coverage of Contractor and each Subcontractor. The certificates required to be provided under this Paragraph shall contain clauses and/or provisions stating (i) that the policies will not be canceled or reduced without thirty (30) days prior notice to and the written consent of the City, and (ii) that the policies are primary and noncontributory. The policies shall further name the City and all of its elected officials, officers, employees, and agents as additional insureds. The City shall not waive any rights of subrogation. The Contractor shall provide and maintain insurance in the amounts outlined with companies acceptable to the City, for a minimum of two (2) years after completion final completion of the project. Under no circumstances shall the City be deemed to have waived any of the insurance requirements of this Contract by any action or omission. Liability of the Contractor and Subcontractors is not limited by purchase of insurance.

11. INDEMNIFICATION

- (a) To the fullest extent permitted by law, Contractor waives any right of contribution against and shall defend, indemnify and hold harmless the City and any elected official, officer, attorney, employee, consultant, representative, or agent of the City (collectively the "indemnitees") from and against all claims, damages, losses and expenses, including but not limited to attorneys' fees, arising out of or resulting from or in connection with the performance of the Work, provided that any such claim, damage, loss or expense (collectively "Claims") is caused by or alleged to be caused by an act or omission of Contractor, any subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable in the performance of the Agreement, regardless of whether or not it is actually or allegedly caused in part by an indemnitee. The obligations of the Contractor under this Section 11(a) shall be construed to include, but shall not be limited to, injury or damage consequent upon failure to use or misuse by the Contractor, his agents, subcontractors, and employees of any scaffold, hoist, crane, stay, ladder, support, or other mechanical contrivance erected or constructed by any person, or any or all other kinds of equipment, whether or not owned or furnished by the City. The Contractor shall include this provision in each of its subcontract agreements and shall require its subcontractors to be so bound.
- (b) In the event that the Contractor or its Subcontractors are requested but refuse to honor the indemnity obligations of this Section or to provide a defense, then the Contractor shall, in

addition to all other obligations, pay the cost of bringing any action to enforce this Section, including reasonable attorneys' fees.

- (c) The Contractor hereby intentionally, knowingly, and voluntarily waives the right to assert, under the case of *Kotecki v. Cyclops Welding Corp.*, 146 Ill. 2d 155 (1991) that Contractor's liability may be limited to the amount of its statutory liability under the Workers' Compensation Act, and agrees that Contractor's liability to indemnify and defend the Owner is not limited by the so called "Kotecki Cap." The Contractor shall include this provision in each of its subcontract agreements and shall require its subcontractors to be so bound.
- (d) The indemnification provisions of this Section 11 are not intended to circumvent the Construction Contract Indemnification for Negligence Act (740 ILCS 35/0.01, *et seq.*) and shall not be construed as such, but in such a way to affect their enforcement to the fullest extent of the law.

12. COMPLIANCE WITH LAWS

The Contractor shall perform its Work in compliance with all applicable laws, ordinances rules, regulations and codes, including but not limited to the *Illinois Prevailing Wage Act* (820 ILCS 130/1 *et seq.*). The Contractor shall pay not less than the prevailing rate of wages to all laborers, workers and mechanics performing work under this Contract. Moreover, the Contractor shall ensure that each subcontract awards shall contain specific language therein requiring each subcontractor to pay not less than the prevailing wage to all laborers, workers and mechanics performing work for the project contemplated under this Contract. Further, the Contractor and all Subcontractors shall submit monthly certified payroll records to the City verifying that employees are being paid the prevailing rate of wages. The Contractor shall obtain necessary permits and licenses and consult with applicable governmental authorities as appropriate to ensure that the Work complies with all applicable laws. The Contractor agrees to fully comply with all requirements of federal and state law, including, but not limited to, the requirements of *Illinois Human Rights Act* (775 ILCS 5/1-101 *et seq.*) and the provision of sexual harassment policies and procedures pursuant to Section 2-105 of that Act. The Contractor further agrees to comply with all federal and state Equal Opportunity Laws, including, but not limited to, the *Americans With Disabilities Act* (42 U.S.C. Section 12101 *et. seq.*) and all rules and regulations promulgated thereunder. The *Illinois Employment of Illinois Workers on Public Works Act* (30 ILCS 570/0.01 *et. seq.*), and *Steel Products Procurement Act* (30 ILCS 565/1 *et. seq.*), shall prevail on this project to the extent such Acts are applicable and enforceable.

13. ASSIGNMENT

The Contractor shall not assign this Contract without the prior written consent of the City, which consent may be withheld at City's sole discretion. All Contractor's subcontracts shall be in writing, and shall be assignable by the Contractor to the City.

14. BOND

Pursuant to the *Public Construction Bond Act* (30 ILCS 550/1, *et seq.*), prior to commencing work, the Contractor shall provide a bond in the amount of one hundred percent (100%) of the Contract Sum and conditioned to guarantee the full and complete performance of the work, according to

the terms of the specifications, plans and contract, which contract shall be properly executed and signed at the time of filing of said bonds. Pursuant to Section 4 of the *Prevailing Wage Act* (820 ILCS 130/4), the required bond shall include a provisions as will guarantee the faithful performance of the prevailing wage requirements of this Contract and Illinois Law. With permission of the City, and when state and federal funds are not used on the Work, the Contractor may provide a non-diminishing irrevocable letter of credit, for contracts under \$100,000, in lieu of aforesaid bond. This bond or the non-diminishing irrevocable letter of credit are to remain in full force and effect up to and including the final acceptance of the work. After which it shall become null and void only after the Contractor provides a maintenance bond which shall meet the approval of said City of Crest Hill.

15. CITY SHALL NOT WAIVE ANY RIGHTS BY MAKING ANY PAYMENT

Notwithstanding any other provision in this Agreement or the other Contract Documents, the City shall not, in any manner, be deemed or intended to have waived any claim by making any progress or final payment in any amount.

16. WARRANTY AND GUARANTEE

The Contractor shall supervise and direct the Work using the Contractor's best skill and attention. The Contractor shall be solely responsible for and have charge and control of contractor means, methods, techniques, sequences, and procedures for coordinating all portions of the Work. The Contractor warrants to the City that materials and equipment furnished under the Contract will be of good quality and new, unless otherwise required or permitted by this Agreement or any of the other Contract Documents and that the Work will be performed in a workmanlike manner and be free from faults and defects and in conformance with this Agreement and all other Contract Documents.

Neither the final payment under the Agreement by the City nor any provisions in the Contract Documents shall relieve the Contractor of any responsibility for negligence in the furnishing and installation of faulty materials or for faulty workmanship which shows up within the extent and period proved by law or within the guarantee period of one (1) year from final acceptance of the work performed under this Agreement, whichever is greater, nor of the responsibility of remedying such faulty workmanship and materials. The contractor shall provide a written guarantee and maintenance/warranty bond for an amount not to be less than 10 percent of the final contract amount. The written guarantee and bond shall be in full force for the 1 year after approval of the final payment. In the event that any testing or inspection of the Work or any part thereof reveals defects in materials or workmanship, the Contractor shall remedy such defects and shall bear all costs and expenses associated with any and all testing necessitated thereby, including but not limited to additional testing which is related to determining whether such defects have been properly remedied.

17. BID RIGGING AND ROTATING CERTIFICATION

As required by the section 33E-11 of the *Criminal Code* (720 ILCS 5/33E-11), by executing this Agreement, Contractor certifies that it is not barred from contracting with any unit of State or

local government as a result of a violation of any criminal statute including, but not limited to, the bid rigging (Section 33E-3) or bid rotating (Section 33E-4) provisions of the *Criminal Code*.

18. AUTHORITY TO EXECUTE

Each of the parties executing this Contract represent and warrant that they have the proper and necessary authority to execute this Contract and to bind their representative entities.

19. GOVERNING LAW; CHOICE OF FORUM

This Contract shall be governed by the laws of the state of Illinois. Furthermore, the Parties hereby agree that the Twelfth Judicial Circuit Court of Will County, Illinois, will be the sole and exclusive venue and jurisdiction for any litigation associated with the Contract Documents. As such, the Parties hereby intentionally, knowingly, and voluntarily waive and forever forfeit any right that they presently have or may accrue in the future to file any motion seeking to dismiss any such litigation for want of jurisdiction in said court, to remove any such litigation to any federal court, or to challenge venue in said court for any reason, including but not limited to a motion based on the doctrine of *forum non conveniens*.

20. SEVERABILITY CLAUSE

If any provision of this Contract is held invalid, such invalidity shall not affect the other provisions of this Contract which may be given effect without the invalid provision.

21. TERMINATION

- (a) Termination Without Cause: The City may, upon seven (7) days written notice to the Contractor, terminate the Agreement between the City and Contractor without cause. Upon written request and submittal of the appropriate documentation as required by the City, the City shall pay the Contractor for all work performed by the Contractor to the date of termination that has been approved by the City. The City may, upon the Contractor executing such a confirmatory assignments as the City shall request, accept and assume all of the Contractor's obligations under all subcontracts executed in accordance with the terms of the Contract Documents that may accrue after the date of such termination and that the Contractor has incurred in good faith in connection with the Work. Upon receipt of notice of termination, the Contractor shall cease all operations on the date specified by the City, terminate subcontracts not assumed by the City, make no further orders of materials or equipment, complete work not terminated (if any), and provide such reports as may be requested by the City as to the status of the Work and the Work remaining to be completed. The City's right to terminate the Contract under this Section shall be in addition to, and not in limitation of, its rights to stop the Work without terminating the Contract.
- (b) Termination for Cause: If the Contractor shall institute proceedings or consent to proceedings requesting relief or arrangement under the Federal Bankruptcy Act or any similar or applicable federal or state law, or if a petition under any federal or state bankruptcy or insolvency law is filed against the Contractor and such petition is not dismissed within sixty (60) days after the date of said filing, or if the Contractor admits in writing his inability to pay

his debts generally as they become due, or if he makes a general assignment for the benefit of his creditors, or if a receiver, liquidator, trustee or assignee is appointed on account of his bankruptcy or insolvency; or if a receiver of all or any substantial portion of the Contractor's properties is appointed; or if the Contractor abandons the Work; or if he fails, except in cases for which extension of time is provided, to prosecute promptly and diligently the Work or to supply enough properly skilled workmen or proper materials for the Work; or if he submits an Application for Payment, sworn statement, waiver of lien, affidavit or document of any nature whatsoever which is intentionally falsified; or if he fails to make prompt payment to Subcontractors or for materials or labor or otherwise breaches his obligations under any subcontract with a Subcontractor; or if a mechanic's or material man's lien or notice of lien is filed against any part of the Work or the site of the Project and not promptly bonded or insured over by the Contractor in a manner satisfactory to the City; or if the Contractor disregards any laws, statutes, ordinances, rules, regulations or orders of any governmental body or public or quasi-public authority having jurisdiction of the Work or the site of the Project; or if he otherwise violates any provision of the Contract Documents; then the City, without prejudice to any right or remedy available to the City under the Contract Documents or at law or in equity, the City may, after giving the Contractor and its surety under the performance and payment bond required above seven (7) days' written notice, terminate the employment of the Contractor. If requested by the City, the Contractor shall remove any part or all of his equipment, machinery and supplies from the site of the Project within seven (7) days after the date of such request, and in the event of the Contractor's failure to do so, the City shall have the right to remove or store such equipment, machinery and supplies at the Contractor's expense. In case of such termination, the Contractor shall not be entitled to receive any further payment for Work performed by the Contractor through the date of termination. The City's right to terminate the City-Contractor Agreement pursuant to this Section 21(b) shall be in addition to and not in limitation of any rights or remedies existing hereunder or pursuant hereto or at law or in equity.

- (c) In the event that the City terminates this Agreement for Cause, as set forth above, the Contractor shall not be entitled to receive further payment until the Work is finished and the City may finish the Work by whatever reasonable method the City may deem expedient. Upon written request of the Contractor, the City shall furnish to the Contractor a detailed accounting of the costs incurred by the City in finishing the Work. If, after the City completes the Work, the unpaid balance of the Contract Sum exceeds the costs of finishing the Work, including but not limited to any additional expenses made necessary thereby and other damages incurred by the City and not expressly waived, such excess shall be paid to the Contractor. If such costs and damages exceed the unpaid balance, the Contractor shall pay the difference to the City. This obligation for payment shall survive termination of the Contract.

22. NOTICES

Any time that this Agreement or any of the other Contract Documents require one Party to notify or give notice to the other Party, such notice shall be provided in writing to the designated representative of the party to whom the notice is addressed and shall be deemed to have been duly served if delivered in person, by mail, by courier, or by electronic transmission as set forth in

the Agreement. In the case of in-person delivery, the notice shall be deemed delivered on the date of such delivery. In the case of delivery by mail or by courier, the notice shall be deemed to be delivered three (3) business days after it is sent. In the case of email delivery, the notice shall be deemed given on the date of said email so long as the email is sent prior to 6:00 p.m. CST—otherwise it shall be deemed delivered as of the next business day.

THIS CONTRACT is entered into as of the day and year first above written.

CITY:

CONTRACTOR:

CITY OF CREST HILL,
WILL COUNTY, ILLINOIS

Austin Tyler Construction, Inc.

BY: _____

BY: Ray A. Schul

ITS: _____
MAYOR

ITS: President

DATE: _____

DATE: 7/7/2026

ATTEST:

BY: _____

ITS: _____

DATE: _____

August 25, 2022

CITY OF CREST HILL DIVISION 100

GENERAL REQUIREMENTS AND COVENANTS

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SECTION 1. DEFINITION OF TERMS

1-1 DESCRIPTION

When a standard specification number is used in the Specifications it shall be taken to mean the latest revision of that Standard Specification at the time of the Bid.

Whenever in the specifications and Contract the following terms, or pronouns in place of them, are used, the intent and meaning shall be interpreted as follows:

1-2 ABBREVIATIONS

The following organizations are referred to in this specification by abbreviations of the titles. Additional information noted but not detailed can be obtained from these organizations by writing to them.

ASTM	American Society for Testing and Materials 1916 Race Street Philadelphia, Pennsylvania 19103
ASHTO	The American Association of State Highway and Transportation Officials 917 National Press Building Washington, D.C. 20004
AWWA	American Water Works Association 6666 West Quincy Avenue Denver, Colorado 80235
NSF	National Sanitation Test Laboratory Foundation Box 1478 Ann Arbor, Michigan
ANSI	American National Standards Institute 1430 Broadway New York, New York 10018
IDOT	Illinois Department of Transportation 2300 South Dirksen Parkway Springfield, Illinois 62764
FHWA	Federal Highway Administration DOT Building, 400 Seventh St., S.W. Washington, D.C. 20590
OSHA	Occupational Safety and Health Act
MWRDGC	The Metropolitan Water Reclamation District of Greater Chicago 100 East Erie Street Chicago, Illinois 60611

CONSULTANT	ENGINEERING CONSULTANT
ISO	Insurance Services Office

1-3 ADDENDA

Written or graphic instruments issued prior to the execution of the Agreement, which modify or interpret the Contract Documents, Drawings, and Specifications by additions, deletions, clarifications or corrections.

1-4 AWARD

The decision of the City to accept the proposal of the lowest responsive, responsible bidder for the work, subject to the execution of and approval of a satisfactory Contract therefore, and bond to secure the performance thereof, and to such other conditions as may be specified or otherwise required by law.

1-5 BASE COURSE

The layer or layers of specified or selected material of designed thickness placed on a sub-base or a subgrade to support the surface course.

1-6 BITUMINOUS PAVEMENT

A pavement structure which maintains intimate contact and distributes loads to the subgrade and depends upon aggregate interlock particle friction and cohesion for stability, and a pavement structure which includes a bituminous concrete surface course over a bituminous concrete base course or a portland cement concrete base course.

1-7 BIDDER

Any individual, firm, partnership or corporation submitting a proposal for the Work contemplated, acting directly or through a duly authorized representative.

1-8 CONTRACT

The written agreement between the City and the Contractor setting forth the obligations of the parties thereunder, including, but not limited to, the performance of the Work (the furnishing of labor and materials, and the basis of payment).

The Contract includes such of the following document parts as may be utilized. These document parts so utilized will be as fully part of the Contract as if therein set out verbatim, or, if not attached, as if attached thereto. The controlling order of priority for these documents on the project is as follows (e.g., A is controlling over B-N, etc.):

- A. Supplemental Agreements (Change Order)
- B. Addenda
- C. Special Conditions of Contract
- D. General Conditions of Contract

- E. Special Provisions to the Specifications
- F. Detailed Specifications
- G. Complete Project Plans or Drawings
- H. General Specifications
- I. Contract
- J. Contractor's Contract Bond
- K. Contractor's Proposal
- L. Notice to Proceed
- M. Notice of Award
- N. Notice to Bidders

1-9 CONTRACTOR

The Bidder awarded the Contract for the Work.

1-10 CONTRACT BOND

The approved form of security furnished by the Contractor and his surety as a guaranty that he will execute the Work in accordance with the terms of the Contract.

1-11 CORPORATION

With respect to the execution and performance of the Contract, a corporate body authorized or licensed to do business in the State of Illinois

1-12 CULVERT

A drainage structure extending across and beneath a traveled way and having a tubular or box-type cross-section open on both ends.

1-13 ENGINEER

CONSULTING ENGINEER, or an engineer of a municipality, including such assistants as are authorized to represent them, who represents the City during the construction phase activities of the Work.

1-14 FORCE MAIN

A pipe constructed or used to carry sewage under pressure.

1-15 ENGINEERING OBSERVER

The authorized representative of the City or of the Engineer assigned to observe the progress of the Work to determine only if the Work is proceeding in accordance with the technical plans and specifications.

1-16 LABORATORY

An established testing laboratory approved by the Engineer.

1-17 MANHOLE

A vertical enclosed structure providing access to a pipe line or other structure.

1-18 NOTICE TO BIDDERS

The official notice, included in the proposal form, inviting bids for the proposed improvement, including a brief description of the Work.

1-19 CITY

The governmental body, corporation, partnership or individual initiating the project, acting through its legally constituted officials, officers or employees. The Department as referenced in the State Specifications.

1-20 PAVEMENT STRUCTURE

The combination of sub-base, base course and surface course placed on a sub-grade to support the traffic load and distribute it to the roadbed.

1-21 PLANS

All official drawings or reproductions of drawings pertaining to the Work provided for in the contract.

1-22 PLUMBING

Plumbing shall be as defined in the latest adopted Illinois State Plumbing Code, copies of which are available from the Illinois Department of Public Health, Division of Engineering and Sanitation, 535 West Jefferson Street, Springfield, Illinois 62706.

1-23 PROPOSAL {BID}

The written offer of the Bidder to perform the proposed Work.

1-24 PROPOSAL GUARANTY

The security designated in the proposal to be furnished by the Bidder as a guaranty that said Bidder will enter into a Contract with the City for the acceptable performance of the Work and will furnish the required Contract Bond, if the Work is awarded to him.

1-25 RAILROAD

The Railroad or Railway Company whose property is involved in the Work.

1-26 RIGHT-OF-WAY AND EASEMENTS

The areas owned, or acquired by permanent easement; also, the areas acquired by temporary easement during the time the easement is in effect.

1-27 SEWER, COMBINED

Any sewer constructed or used for the purpose of carrying both storm water and waterborne wastes to a treatment facility.

1-28 SEWER, SANITARY

Any sewer constructed or used for the purpose of carrying waterborne wastes to a treatment facility.

1-29 SEWER, SERVICE

A branch sanitary sewer line constructed from the main sanitary sewer line to a point described in the Special Provisions or Plans or to a point established by the Engineer.

1-30 SEWER, STORM

A sewer constructed or used for carrying storm water or sub-surface water to a storm water outlet.

1-31 SPECIAL PROVISIONS

Specific directions, provisions, requirements and revisions of the Specifications peculiar to the Work under consideration which are not satisfactorily provided for in the Specifications. The Special Provisions set forth the final contractual intent as to the matter involved. The Special Provisions included in the Contract shall not operate to annul those portions of the Specifications with which they are not in conflict.

1-32 SPECIFICATIONS

The body of directions, provisions and requirements contained herein, or in any supplement to this document referred to in the Special Provisions, together with written agreements and all documents of any description made or to be made pertaining to the method or manner of performing the Work, the quantities or the quality of materials to be furnished under the contract.

1-33 STATE SPECIFICATIONS

IDOT, Standard Specifications for Road and Bridge Construction, latest edition at the time of Bid. This book outlines the general requirements and covenants to all improvements, as well as provisions referring to materials, equipment and construction requirements for individual items of work.

1-34 SUBCONTRACTOR

The individual, firm, partnership or corporation to whom the Contractor, with the written consent of the Engineer, sublets, assigns, or otherwise disposes of any part of the Work covered by the contract.

1-35 SUB-BASE

The layer or layers of specified or selected material of designed thickness placed on a sub-grade to support a base course.

1-36 SUB-GRADE

The top of surface of a roadbed upon which the pavement structure and shoulders are constructed.

1-37 SUPPLEMENTAL AGREEMENT

The written agreement executed by the City and the Contractor, with the assent of the Contractor's surety, covering modifications or alterations of the terms of the original Contract.

1-38 SUPPLIER

Any person or organization who supplies materials or equipment for the Work including that fabricated to a special design.

1-39 SURETY

The corporate body, individual or individuals which engage to be responsible for the Bidder's acts in the execution of the Contract in the event of its being awarded to him; or, which are bound with and for the Contractor to insure his acceptable performance of the Contract, his payment of all obligations pertaining to the Work, and his fulfillment of such other conditions as may be specified or otherwise required by law.

1-40 SURFACE COURSE

One or more layers of a pavement structure designed to accommodate the traffic load, the top layer of which resists skidding, traffic abrasion, and the disintegrating effects of climate. The top layer is sometimes called "wearing course".

1-41 WATER MAIN

A pipe constructed or used to carry potable water under pressure.

1-42 WATER SERVICE LINE

That line connected to the water main, which delivers potable water to the user's facilities.

1-43 THE WORK

The improvement advertised for bids, described in the Proposal form, indicated on the Plans and covered in the Specifications, Special Provisions, Contract, authorized alterations, extensions and deductions, and supplementary agreements, or any part or parts thereof.

SECTION 2. PROPOSAL REQUIREMENT AND CONDITIONS

2-1 CONTENTS OF THE PROPOSAL FORM

Bidders will be furnished with forms stating the location and description of the Work contemplated, the approximate quantities of Work to be performed, the amount of the Proposal Guarantee, requirements pertaining to labor, and the date, time and place of filing and opening Proposals. All documents bound with or attached to the proposal shall be considered a part thereof, and shall not be detached or altered.

2-2 INTERPRETATION OF ESTIMATE OF QUANTITIES

An estimate of quantities of Work to be done and materials to be furnished under the Specifications is given in the Proposal. It is given as a basis for comparison of Proposals and the award of the Contract. The City and Engineer do not expressly or by implication agree that the actual quantities involved will correspond therewith; nor shall the Bidder plead misunderstanding or deception because of such estimate of quantities pertaining to the Work.

Payment will be based on the actual quantities of Work performed in accordance with Contract, at the Contract unit prices specified. No allowance will be made for any change in anticipated profits due to an increase or decrease in the original estimate of quantities. The City reserves the right to omit any item or items, or to increase or decrease any or all items as provided in Section 4-3.

2-3 EXAMINATION OF PLANS, SPECIFICATIONS, SPECIAL PROVISIONS, AND SITE OF WORK

The bidder shall, before submitting his bid, carefully examine the Proposal, Plans, Specifications, Special Provisions, and form of Contract and bond. He shall inspect in detail the site of the proposed Work and familiarize himself with all the local conditions affecting the Contract and the detailed requirements of construction. If his Bid is accepted, he will be responsible for all errors in his Proposal resulting from his failure or neglect to comply with these instructions. The City or Engineer will, in no case, be responsible for any change in anticipated profits resulting from such failure or neglect.

When the Plans or Special Provisions include information pertaining to sub-surface exploration, borings, test pits, and other preliminary investigations, such information is included only for the convenience of the Bidder. The City or Engineer assumes no responsibility whatever in respect to the sufficiency of the information, and there is no guaranty, either expressed or implied, that the conditions indicated are representative of those existing throughout the Work, or that unanticipated developments may not occur.

When the Plans or Special Provisions include information pertaining to the location of underground utility facilities, such information is only included for the convenience of the Bidder. The City or Engineer assumes no responsibility whatever in respect to the sufficiency or accuracy of the information, or lack of information, shown on the Plans relative to the location of underground utility.

facilities. It shall be the Contractor's responsibility to obtain from the respective utility companies detailed information of the location of their facilities and the work schedules of the utility companies for removing or adjusting them.

2-4 ENGINEER'S ESTIMATE

The Engineer's "Estimate of Cost" as prepared for the City for the work to be completed under this contract may or may not be available to the Bidders at the discretion of the City or the Engineer. If the "Estimate of Cost" is available, it shall be given to all prospective bidders upon request.

2-5 PREPARATION OF THE PROPOSAL

The Bidder shall submit his Proposal on the form furnished by the City. The Proposal shall be executed properly, and Bids shall be made for all items indicated in the proposal form, except that when alternate bids are asked, a Bid on more than one alternate for each item is not required, unless the Special Provisions provide otherwise. The Bidder shall indicate, in figures, a unit price or lump sum for each of the separate items called for in the Proposal; he shall show the products of respective quantities and unit prices in the column provided for that purpose, and the gross sum shown in the place indicated in the Proposal shall be the summation of said products. All writing shall be with ink or typewriter, except the signature of the bidder, which shall be written with ink.

If the Proposal is made by an individual, his name and post office address shall be shown. If made by a firm, joint venture, or partnership, the name and post office address of each member of the firm, joint venture, or partnership shall be shown. If made by a corporation, the Proposal shall show the names, titles, and business addresses of the president, secretary, and treasurer, certified to by the secretary.

2-6 MULTIPLE BIDS

If multiple Bids are to be received, bidding shall be in accordance with the instructions in the Special Provisions

2-7 REJECTION OF PROPOSALS

Proposals that contain omissions, erasures, alterations, additions not called for, conditional or alternate bids unless called for, irregularities of any kind, or proposals otherwise regular which are not accompanied by the proper proposal guaranty shall be rejected as informal or insufficient. However, the City reserve the right to reject any or all Proposals and to waive such technical error as may be deemed best for the interest of the City.

2-8 PROPOSAL GUARANTY

Each proposal shall be accompanied by a bid bond, bank draft, bank cashier's check, or properly certified check for not less than ten per cent (10%) of the amount Bid unless otherwise specified in the Special Provisions.

If a multiple Bid is submitted, the bid bond, bank draft, bank cashier's check, or certified checks, which accompany the individual Proposals making up the combination, will be considered as also covering the multiple Bid.

See Paragraph 3-3 regarding return of Proposal Guaranty.

The bid bond, bank draft, cashier's checks, or certified checks accompanying Proposals shall be made payable to the City.

2-9 DELIVERY OF PROPOSALS

Proposals shall be delivered prior to the time and at the place indicated in the notice to bidders. Each Proposal shall be placed in an envelope sealed and plainly marked to indicate its contents. Only sealed Proposals will be accepted.

Proposals will not be opened unless received at the place of letting and prior to the time stated in the Notice to Bidders.

2-10 WITHDRAWAL OF PROPOSALS

Permission will be given a Bidder to withdraw a Proposal if he makes his request in writing before the time for opening Proposals. If a Proposal is withdrawn, the Bidder will not be permitted to submit another Proposal for the same Work at the same letting.

2-11 WITHDRAWAL OF PROPOSAL GUARANTY

See Paragraphs 3-2 and 3-3 on award of Contract and return of Proposal Guaranty.

2-12 PUBLIC OPENING OF PROPOSALS

Unless otherwise specified, Proposals will be opened and read publicly at the time and place specified in the Notice to Bidders. Bidders, their authorized agents, and other interested parties are invited to be present.

2-13 DISQUALIFICATION OF BIDDERS

Any one or more of the following causes may be considered as sufficient for the disqualification of a Bidder and rejection of his Proposal.

- A. More than one Proposal for the same Work from an individual, firm, partnership, or corporation under the same or different names.
- B. Evidence of collusion among bidders.
- C. Unbalanced Proposals in which the prices for some items are substantially out of proportion to the prices for other items.
- D. Failure to submit a unit price for each item of Work listed in the Proposal.
- E. If the Proposal form is other than that furnished by the City or if the form is altered or any part thereof is detached.
- F. If there are omissions, erasures, alterations, unauthorized additions, conditional or alternate bids, or irregularities of any kind which may tend to make the Proposal incomplete, indefinite or ambiguous as to its meaning.

- G. If the bidder adds any provisions reserving the right to accept or reject an award, or to enter into a contract pursuant to an award.
- H. If the Proposal is not accompanied by the proper proposal guaranty.
- I. If the Proposal is prepared with other than ink or typewriter.
- J. Lack of competency as revealed by financial statement or experience questionnaire.
- K. Unsatisfactory performance record as shown by past work judged from the standpoint of workmanship and progress.
- L. Uncompleted work, which, in the judgment of the City, might hinder or prevent the prompt completion of additional work.
- M. False information provided on a Bidder's "Contractor's Statement."
- N. Failure to comply with any prequalification regulations of the City.
- O. Default under previous contracts.

2-14 COMPETENCY OF BIDDERS

The Bidder, if a corporation, shall show the name of the State in which the corporation is chartered. Each Bidder shall furnish the City within two (2) weeks after request, with satisfactory evidence of his competency to perform the Work contemplated. When requested, he shall submit to the City a financial statement prepared by a Certified Public Accountant showing his financial condition at the end of his past fiscal year. The accountant who prepares the statement shall certify that he holds a valid and unrevoked certificate as a Certified Public Accountant, issued in accordance with the laws of the State in which he is licensed. The Bidder, if requested, shall also answer and submit questionnaires relating to his experience and available equipment for performing construction work similar to that for which he is offering a proposal, and shall do so within the same two weeks from the time of request.

Before an award is made, the Bidder may, at the option of the City be required to furnish a statement showing the value of all uncompleted work for which he has entered into contracts.

2-15 MATERIAL SUBSTITUTIONS

If restrictions of any governmental authority prohibit the use of certain items that are required by the Plans and Specifications, substitution for such items will be determined by the City.

Each Bidder shall base his bid on the furnishing of all items exactly as shown on the Plans and as described in the Specifications. The successful Bidder will not be authorized to make any substitutions on his own volition, but in each and every case must obtain a properly authorized change order from the City on his Contract before installing any work in variance with the Contract requirements.

2-16 CONTRACTOR'S UNDERSTANDING

It is understood and agreed that the Contractor has, by careful examination, satisfied himself as to the nature and location of the work, the conformation of the ground, the character, quality and quantity of the materials to be encountered, the character of equipment and facilities needed preliminary to and during the prosecution of the Work, the general and local conditions, and all other matters which can in any way affect the Work under this Contract. No verbal agreement or conversation with any officer, agent, or employee of the City and Engineer, either before or after the execution of this Contract, shall affect or modify any of the terms or obligations herein contained.

2-17 STATUS OF RIGHT-OF-WAY, EASEMENT AND CONSTRUCTION EASEMENT ACQUISITION

Each bidder is instructed to fully acquaint himself with the status of the right-of-way, easement and construction easement acquisition at the time of submission of his proposal and the possibility of the acquisition of the parcels remaining to be acquired, if any, in time so as not to interfere with the progress of his work under this contract, and the City shall not be liable to any damage that may occur to him for any and all delay through delay of the City in securing the necessary right-of-way, easement and construction easement.

The City agrees that it will make every effort to acquire any right-of-way, easement and construction easement with all speed and diligence possible.

SECTION 3. AWARD AND EXECUTION OF CONTRACT

3-1 CONSIDERATION OF PROPOSALS

The proposals received will be compared on the basis of the summation of the products of the items of Work listed and the unit prices offered. In case of discrepancy between the gross sum shown in the Proposal prices, the unit prices shall govern, and any errors found in said products shall be corrected. In awarding Contracts, the City will, in addition to considering the amounts stated in the Proposals, take into consideration the responsibility of the various Bidders as determined from a study of the data required under the previous article and from other investigations, which the City may elect to make.

3-2 AWARD OF CONTRACT

Except in cases where the City exercises the right reserved to reject any or all Proposals, the Contract will be awarded by the City, as soon as practicable after the opening of Proposals.

Unless otherwise specified, if a Contract is not awarded within forty-five (45) days after the opening of Proposals, a Bidder may file a written request with the City for the withdrawal of his bid or award date may be extended by mutual consent of the City and Bidder. The City will have a maximum of ten (10) days after the receipt of such request to award the Contract or release the Bidder from further obligation by return of the Bidder's Proposal Guaranty.

3-3 RETURN OF PROPOSAL GUARANTY

The Proposal Guaranties of all except the two lowest Bidders will be returned promptly after the Proposals have been checked. Proposal Guaranties of the two lowest Bidders will be returned as soon as the Contract and Bond of the successful bidder have been properly executed and approved.

If Contracts cannot be awarded promptly, the City shall permit the two (2) lowest Bidders to substitute for the bank cashier's checks, or certified checks which they may have submitted with their Proposals as Proposal Guaranties, a bid bond executed by a corporate surety company satisfactory to the City, but such substitutions shall not be made until a period of three (3) days has elapsed after the date of opening Proposals.

3-4 REQUIREMENT OF CONTRACT BOND

The successful Bidder, at the time of the execution of the Contract, shall deposit with the City a surety bond for the full amount of the Contract. The form of bond shall be that furnished by the City, and the surety shall be acceptable to the City.

3-5 EXECUTION OF THE CONTRACT

The contract shall be executed by the successful Bidder. The bond, when required, shall be executed by the principal and the sureties, and executed Contract and Contract Bond shall be presented to the City within fifteen (15) days after the date of notice of the award of the Contract.

Each Contract must be executed in three (3) original counterparts, and there shall be executed original counterparts of the Contract Bond in equal number to the executed original counterparts of the Contract. One (1) copy each of such executed documents will be retained by the City and the Engineer, the third will be delivered to the Contractor.

3-6 FAILURE TO EXECUTE CONTRACT

Failure on the part of the successful Bidder to execute a Contract and an acceptable Contract Bond and acceptable insurance certificates as provided herein, within fifteen (15) days from the date of receipt of Contract documents from the City will be considered as just cause for the annulment of the award and the forfeiture of the proposal guaranty to the City, not as a penalty but in payment of liquidated damages sustained as a result of such failure.

SECTION 4. SCOPE OF WORK

4-1 INTENT OF THE PLANS AND SPECIFICATIONS

The intent of the contract is to prescribe a complete outline of work which the Contractor undertakes to do in full compliance with the contract, plans and specifications. The Contractor shall furnish all required materials, equipment, tools, labor, and incidentals, unless otherwise provided in the contract, and shall include the cost of these items in the unit prices bid for the several units of work. Contractor shall be solely responsible for all safety procedures and safety violations. The quantities appearing in the bid schedule of prices are estimates prepared for the establishment of pay item prices and the comparison of bids. Payment to the Contractor will be made for the actual measured quantities performed and accepted or material furnished and accepted according to the contract, and the scheduled quantities may be increased, decreased, or omitted as herein provided.

Under no circumstances shall the Contractor exceed any established pay item quantity without notification to the Engineer and receipt of written authorization as provided herein.

The latest edition of the State Specifications and Standard Specifications for Water and Sewer Construction in Illinois shall be the basis and govern this contract unless otherwise provided by special provision or exception.

4-2 SPECIAL WORK

Should any construction or requirement not covered by the Specifications be anticipated on any proposed Work, Special Provisions for the same will be prepared and included in the Proposal form, which Special Provisions shall be considered as a part of the Specifications the same as though contained fully herein.

4-3 CHANGES

The City reserves the right to make, in writing, at any time during work, changes in quantities, alterations in work, and the performance of extra work to satisfactorily complete the project. Such changes in quantities, alterations, and extra work shall not invalidate the contract nor release the surety, and the Contractor agrees to perform the work as altered.

If the alterations or changes in quantities significantly change the character of the work under the contract, whether or not changed by any such different quantities or alterations, an adjustment, excluding loss of anticipated profits, will be made to the contract. The basis for the adjustment shall be agreed upon prior to the performance of the work. If a basis cannot be agreed upon, then an adjustment will be made either for or against the Contractor in such amount as the City may determine to be fair and equitable.

If alterations or changes in quantities do not significantly change the character of the work to be performed under contract, the altered work will be paid for as provided elsewhere in the contract.

The term "significant change" shall be construed to apply only when the character of the work as altered differs materially in kind or nature from that involved or included in the original proposed construction or when a major item, defined as an item whose total original contract costs exceeds ten percent of the

total original contract amount, is increased in excess of 125 percent or decreased below 75 percent of the original contract quantity.

All alterations, cancellations, extensions, and deductions shall be authorized in writing by the City before work is started. Such authorizations shall set up the items of work involved and the method of payment for each item.

The Contractor shall accept payment for alterations which result in an increase or decrease in the quantities of work to be performed according to the following:

- A. All increases in work of the type which appear in the contract as pay items accompanied by unit prices will, except as provided under paragraph (C) herein, be paid for at the contract unit prices. Decreases in quantities included in the contract will be deducted from the contract at the unit bid prices. No allowance will be made for delays or anticipated profits.
- B. Major items of work for which the quantities are increased by not more than 125 percent or reduced to not less than 75 percent of the original contract quantities will be paid for as specified in paragraph (a) above. Any adjustments for increased quantities for major items of work increased more than 125 percent shall only apply to that portion in excess of 125 percent of original contract quantities. Any adjustments made for major items of work which are decreased to less than 75 percent of the original contract quantities shall apply to the actual amount of work performed.
- C. Extra work which is not included in the contract as pay items at unit prices and is not included in other items of the contract will be paid for according to Section 9-4.

4-4 PERIODIC AND FINAL CLEANUP

From time to time or as may be ordered by the City and immediately after completion of the Work, the Contractor shall at his own expense clean up and remove all refuse and unused materials of any kind resulting from the Work. Upon failure to do so within five (5) working days after receipt of written request from the City, the Work may be done by the City and the cost thereof be charged to the Contractor and be deducted from his Contract price. Upon completion of the Work, the Contractor shall remove all his equipment and put the area of the Work in a neat and clean condition and do all other cleaning required to complete the Work in a workmanlike manner, ready for use and satisfactory to the City.

All Cleanup shall be performed as specified in the various sections of these Specifications or in the Special Provisions.

4-5 LUMP SUM CONTRACTS

On lump sum Contract, when specified in Special Provisions, or Contracts containing lump sum items, the lump sum contract price shall include the furnishing and installation of all Work described in the Specifications and/or shown on the Plans.

4-6 LOCAL ORDINANCES AND REGULATIONS

The Contractor shall keep himself fully informed of all existing laws, ordinances, and regulations of the municipality affecting the work and/or material of this Contract. If any inconsistency is discovered between the Plans, Specifications and those covered by local municipal laws, ordinances, or regulations, it shall be reported to the City and Engineer.

4-7 PREFERENCE TO VETERANS

Attention is called to assure compliance with Illinois Revised State Chapter 126 Section 23. Preference to veterans upon public works: "In the employment and appointment to fill positions in the construction, addition to, or alteration of all public works undertaken or contracted for by the state, or by any political subdivision thereof, preference shall be given to persons who were engaged in the military or naval service of the United States in time of war".

SECTION 5. CONTROL OF THE WORK

5-1 PLANS AND WORKING DRAWINGS

The Contractor shall submit to the Engineer such shop, working, or layout drawings pertaining to the construction of the Work, as may be required. These drawings shall be reviewed by Engineer for general conformance with the design concept only. This review by the Engineer does not relieve the Contractor and/or fabricator/vendor of responsibility for conformance with the Contract documents (see 1-8) and applicable codes, all of which have priority over these shop, working and layout drawings. Corrections or comments made on the shop drawings by the Engineer during this review process do not relieve the Contractor from compliance with the requirements of the Contract documents (1-8) and applicable codes.

When the Contract includes Work adjacent to a railroad and false work, cofferdams, or sheeting is required, the Contractor shall submit to the Engineer for his approval and the Railroad Engineer's approval, plans for the false work, cofferdams, or sheeting by a Registered Structural Engineer. It shall be the responsibility of the Contractor to contact the railroad to determine how to meet their requirements. The cost of meeting those requirements shall be borne by the Contractor. The plans shall be submitted sufficiently in advance of the time the Contractor intends to start work to permit checking. No such work shall be started prior to receipt by the Contractor of approval of the Plans for the false work, cofferdams, or sheeting.

The cost of furnishing such Drawings shall be incidental to the contract and no additional compensation will be allowed the Contractor for any delays resulting therefrom.

5-2 CONFORMITY WITH PLANS AND SPECIFICATIONS

It is the intent of the Specifications that all Work performed, and all materials furnished shall be in conformity with the lines, grades, cross section, dimensions and material requirements shown on the Plans or indicated in the Specifications.

In the event the Engineer finds the materials or the finished product in which the materials are used or the Work performed are not in conformity with the Engineering Plans and technical Specifications including tolerances and have resulted in an inferior or unsatisfactory product, the Work or material shall be removed and replaced or otherwise corrected by and at the expense of the Contractor.

5-3 COORDINATION OF COMPONENT PARTS OF THE CONTRACT

The Specifications, the accompanying Plans, the Proposal, the Special Provisions, and all other contract documents are intended to describe a complete Work and are essential parts of the Contract. A requirement occurring in any of them is binding. In case of discrepancy, figured dimensions shall govern over scaled dimensions, Plans shall govern over Specifications, Special Provisions shall govern over both Specifications and Plans, and quantities shown on the plans shall govern over those shown in the Proposal. Neither the City, Engineer, nor the Contractor shall take advantage of any apparent error or omission in the Plans or Specifications, and the City shall be permitted to make such minor changes or alterations as may be deemed necessary for the fulfillment of the intent of the Plans and Specifications. Any corrections or alterations so made shall be subject to the provisions of Section 4-3.

5-4 COOPERATION BY CONTRACTOR

The Contractor will be furnished necessary copies of the Plans and Special Provisions, and he shall have one copy of each available on the work at all times during its prosecution. He shall give the work his constant attention to facilitate the progress thereof, and shall cooperate with the City and Engineer in every way possible. He shall have on the Work site at all times a competent, English-speaking representative authorized to receive orders and act for him and shall not replace him without prior written notification to the City.

5-5 UTILITIES

Not all of the gas, power, telephone or cable television lines, whether above or below ground, have been shown on the drawings. The location of existing underground utilities, such as water mains, sewers gas mains, etc., as shown on the drawings, have been determined from the best available information and are given for the convenience of the Contractor. The Contractor must assume responsibility for location and protection of all utilities, whether shown or not, and must realize that the actual locations of the utilities shown on the drawings may be different from the location indicated.

It is the responsibility of the Contractor to phone the Joint Utility Locating Information for Excavators (J.U.L.I.E.) at least 48 hours before excavation starts (except Saturday, Sunday and Holidays) phone toll free 1-800-892-0123. The Contractor shall also be responsible for having the "Dig Number" assigned as a result of the phone request available at the construction site and at his office.

It is understood and agreed that the Contractor has considered in his Proposal all of the permanent and temporary utility appurtenances shown or otherwise indicated on the Plans in their present positions and that no additional compensation will be allowed for any delays, inconvenience, or damage sustained by him due to any interference from the said utility appurtenances of the operation of moving them either by the utilities company or by the Contractor; or on account of any special construction methods required in prosecuting his work due to the existence of said appurtenances.

5-6 COOPERATION BETWEEN CONTRACTORS

If separate contracts are let for Work comprising an entire improvement, each Contractor shall conduct his Work so as not to interfere with or hinder the progress or completion of the Work being performed by other Contractors.

The Contractor shall as far as possible arrange his Work, and place and dispose of the materials being used so as not to interfere with the operations of the other contractors within the limits of the same improvement. He shall join his work with that of the others in an acceptable manner and shall perform it in proper sequence to that of the others. In case of dispute, the latest approved progress schedule shall govern.

5-7 CONSTRUCTION STAKES

Construction stakes and/or paint will be furnished and set by the Engineer to mark the general location, alignment, elevation and grade of the Work. The Contractor shall exercise proper care in the preservation of stakes set for his use or the use of the Engineer. The Contractor shall pay for the cost of replacing stakes damaged by his operation or those stolen by others.

5-8 AUTHORITY AND DUTIES OF OBSERVERS

Observers employed by the City or by the Engineer shall be authorized to observe the progress of the Work to determine if the Work is proceeding in accordance with the technical Plans and Specifications, and to perform such other duties as may be designated by the Engineer. However, the Engineer shall not be responsible for the construction means, methods, techniques, sequences or safety procedures and precautions in connection with the work by the contractors.

5-9 ENGINEER'S FIELD OFFICE AND/OR LABORATORY

When required by the Special Provisions, the Contractor shall furnish a field office and laboratory. The field office and/or laboratory shall be a weatherproof building for the exclusive use of the Engineer. It shall be independent of any building used by the Contractor. All keys to the building shall be turned over to the Engineer. The Engineer shall designate the location of the building and it shall remain on the site until released by the Engineer.

The building shall conform to the following requirements:

Floor space, not less than	120 square feet
Height of ceiling, not less than	8 feet
Windows, not less than	3
Door, with lock approved by the Engineer	1
Instrument locker, 2 feet x 3 feet x 4 feet, with adjustable shelves	
Hinged wall table	3 feet x 6 feet

The Contractor shall provide lights, heat, and when electric power is available, summer air conditioning for the building. The conditions shall be acceptable to the Engineer.

When shown on the plans or specified in the Special Provisions, the Contractor shall furnish two (2) buildings conforming to the above requirements, one to be used as a field laboratory, and each to be located where designated by the Engineer.

With the approval of the Engineer, a mobile building or buildings of approximately the same dimensions and having similar facilities may be substituted for the above described building or buildings.

The cost of furnishing the building or buildings, light, heat, and air conditioning shall be paid for at the contract lump sum price for "FIELD OFFICE AND/OR LABORATORY". The office and/or laboratory shall remain the property of the Contractor when the Work is completed.

5-10 CONSTRUCTION OBSERVATION

All materials and each part or detail of the Work may be subject at all times to observation by the Engineer and the City, or their authorized representatives, and the Contractor will be held strictly to the true intent of the Contract documents in regard to quality of materials, workmanship and the

diligent execution of the Contract. Observations may be made at the site or at the source of material supply whether mill, plant or shop. The Engineer, or his representatives, shall be allowed access to all parts of the Work and shall be furnished with such information and assistance by the Contractor as is required to make his observations and construction review. The duty of the Engineer to conduct observations and construction review of the Contractor's performance shall not include review of the adequacy of the Contractor's safety measures in, on, or near the construction site.

Engineer shall not at any time supervise, direct, or have control over any contractors' work, nor shall Engineer have authority over or responsibility for the means, methods, techniques, sequences, or procedures of construction selected or used by any contractor, nor for safety precautions and programs in connection with the contractors' work, nor for any failure of any Contractor to comply with laws and regulations applicable to contractors' work. Engineer neither guarantees the performance of any contractor nor assumes responsibility for any contractor's failure to furnish and perform its work. Engineer shall have no authority to stop the work of any contractor on the Project. The Engineer's efforts will be directed toward providing assurance for the City that the completed project will conform to the Plans and Specifications as prepared by the Engineer, to safeguard the City against variances and deviations from the Plans and Specifications, and to assist in a correct interpretation of the Plans and Specifications.

The Engineer shall not have control of the construction and does not have a right, duty or responsibility to stop work for any reason including any contractor's failure to follow proper safety precautions or any acts or omissions. The Engineer shall not be responsible for the acts, errors or omissions of any contractor or any of their agents or employees or any other person performing any of the Work under the Contract.

The Contractor shall, upon written notice from the City, remove or uncover such portions of the finished Work as he may direct, before the final acceptance of the same. After examination, the Contractor shall restore said portion of the Work to the standard required by the Contract documents. If the Work thus exposed or examined proves acceptable, the expenses of uncovering or removing and the replacing of the parts removed shall be paid for as Extra work, unless otherwise provided in the Contract documents, but if the Work so exposed or examined is unacceptable, the expense of uncovering or removing and the replacing of the same in accordance with the Contract documents shall be borne by the Contractor.

The Contractor shall supervise and direct the Work. He will be solely responsible for the means, methods, techniques, sequences and procedures of construction.

Any reference to "supervision" by the Engineer in the Illinois Department of Transportation, Standard Specifications for Road and Bridge Construction or any other referenced documents shall be changed to "observation."

When the State and/or Federal Government is to pay a portion of the cost of the Work covered by the Contract, the Work shall be subject to the observation of the representatives of those Governments, but such observation shall in no sense make those Governments a part of the Contract.

5-11 REMOVAL OF DEFECTIVE AND UNAUTHORIZED WORK

Work done without lines and grades being given, or beyond the lines shown on the Plans or as given, except as herein provided, or any extra work done without authority will be considered as unauthorized and at the expense of the Contractor, and will not be measured or paid for. Work so done may be ordered by the City to be removed or replaced at the Contractor's expense.

All work, which has been rejected, shall be remedied or removed and replaced so as to comply with the Plans and Specifications by the Contractor at his own expense. Upon failure on the part of the Contractor to comply promptly with any order of the City made under the provisions of this article, the City shall, after giving written notice to the Contractor, have the authority to cause defective work to be remedied, or removed and replaced, or to cause unauthorized work to be removed, and to deduct the cost thereof from the contract price due or become due to the Contractor.

5-12 FINAL ACCEPTANCE

The Engineer shall make final acceptance of all Work included in the Contract, as soon as practicable after notification by the Contractor that the Work is completed. If the Work is not acceptable to the Engineer, he shall inform the Contractor in writing as to the particular defects to be remedied before final acceptance can be made.

The Contractor shall be relieved of normal maintenance responsibilities for any sections of the work, which are completed and accepted by the City prior to project completion. For the remainder of the Work, the guarantee period shall be as stated in Section 7-16.

When the Contract includes work for which the County, State and/or Federal Government is to pay a portion of the cost thereof, such work shall also be subject to the inspection and approval of the representatives of those governments.

5-13 PUBLIC CONSTRUCTION BID ACT, 30 ILCS 557—1-Deleted.

SECTION 6. CONTROL OF MATERIAL

6-1 QUALITY OF MATERIALS

It is the intent of the Specifications that first-class materials shall be used throughout the Work, and that they shall be incorporated as to produce completed construction, which is workmanlike and acceptable in every detail. The cost of collecting and furnishing of samples of all test material shall be borne by the Contractor. The cost of all testing shall be borne by the City. Only materials, which conform to the requirements of these Specifications, shall be incorporated in the Work.

6-2 DEFECTIVE MATERIALS

All materials not conforming to the requirements of the Specifications shall be considered as defective and shall be removed from the Work; if in place, they shall be removed by the Contractor at his expense and replaced with acceptable materials. No defective materials, the defects of which have been subsequently corrected, shall be used until approval has been given. Upon failure of the Contractor to comply forthwith with any written order of the City pursuant to the provisions of this article, the City shall have authority to remove and replace defective materials and to deduct the cost of removal and replacement from any monies due to become due the Contractor.

6-3 TESTING MATERIALS

All materials should be tested and approved by the Engineer before incorporation in the Work. The Contractor shall give sufficient advance notice of placing orders to permit tests to be completed before the materials are incorporated in the Work and the Contractor shall afford such facilities as the Engineer may require for collecting and forwarding samples and making observations.

6-4 SAND, GRAVEL AND CRUSHED STONE

The source of sand, gravel and crushed stone construction shall be approved by the Engineer prior to usage. The approval shall be based upon testing of samples furnished by the Contractor and tested by the Engineer for conformance with Specifications. Approval shall be contingent upon the Contractor using materials on the job, which conform with the samples satisfactorily tested.

6-5 CONCRETE

Samples of concrete used in construction shall be taken by the Contractor and made into test cylinders in conformance with ASTM C31. The City shall provide the services of an independent testing laboratory to collect and test the cylinders in conformance with ASTM C39, and furnish a copy of test results to the Engineer. Any concrete, which tests indicate failed to conform to the Specifications, shall be removed and replaced at Contractor's expense. At the option of the City, the concrete may be accepted and agreed upon adjustment in payment.

6-6 MISCELLANEOUS MATERIALS

Fittings, valves, castings, hydrants, house service pipes, masonry blocks, bricks, manhole sections or other miscellaneous manufactured materials used in water and sewer construction shall be furnished

with the implied guarantee that such materials conform with the requirements of the Specifications. The Engineer reserves the right to require a certified statement from the manufacturer of such materials that the specific materials have been inspected and tested and conform with the Specifications.

6-7 JOB SITE OBSERVATION

Regardless of any tests of materials made at the source, the Contractor shall carefully inspect all materials before installation and reject any materials, which have been damaged or have visible flaws. The Engineer also reserves the right to make such observation, but failure to detect irregularities does not relieve the Contractor of responsibility to remove and replace materials, which are found to be defective after installation.

6-8 STORED MATERIALS

If it is necessary to store materials, they shall be protected in such a manner as to insure the preservation of their quality and fitness for the Work. All stored materials shall be inspected at the time of use in the Work, even though they may have been inspected and approved before being placed in storage. The Contractor may use the right-of-way for storage of materials. If stockpiling is done outside the right-of-way, the additional space required shall be provided by the Contractor at his expense.

6-9 "OREQUAL" CLAUSE

Whenever, in any of the Contract Documents, an article, material or equipment is defined by describing a proprietary product, or by using the name of a manufacturer, or vendor, the term "or equal", if not inserted shall be implied except where the Proposal provides for alternate bids. The specific article, materials, or equipment mentioned shall be understood as indication of the type function, minimum standard or design, efficiency and quality desired and shall not be construed in such a manner as to exclude manufacturer's products of comparable quality, design and efficiency. The Contractor shall comply with the requirements of the Contract Documents and City's approval of materials and equipment before they are incorporated in the project.

SECTION 7. LEGAL REGULATIONS AND RESPONSIBILITY TO PUBLIC

7-1 LAWS TO BE OBSERVED

The Contractor shall at all times observe and comply with all Federal laws, State laws, County laws, local laws, ordinances, and regulations which in any manner affect the conduct of the Work, and all such orders or decrees as exist at the time Bids are advertised, of legislative bodies or tribunals having legal jurisdiction or authority over the work and no plea of misunderstanding or ignorance thereof will be considered. The Engineer shall not be responsible for determining whether the Contractor is in compliance with these laws, ordinances and regulations.

The Contractor shall indemnify and save harmless the City, the Engineer, and all of their officers, agents, employees and servants against any claim or liability, including legal fees, arising from or based on the violation of such law, ordinance, regulation, order or decree, whether by themselves or their employees.

7-1.01 INDEMNIFICATION

To the fullest extent permitted by law, the Contractor shall defend, indemnify and hold harmless City and Consultants and their respective officers, agents and employees, from and against all claims, damages, losses, costs, expenses, judgments and liabilities, including but not limited to attorney's fees, costs and expenses, arising out of or in connection with Contractor's performance of or failure to perform this Agreement, provided that any such claim, damage, loss, costs, expenses, judgments or liabilities are attributable to bodily injury, sickness, disease or death, or to injury or destruction of tangible personal property, including the loss of use resulting therefrom, that is caused in whole or in part by any act or omission of the Contractor, any subcontractor, anyone directly or indirectly employed by them or anyone for whose acts any of them may be liable, regardless of whether or not it is caused in part by any party indemnified hereunder.

Contractor shall defend, indemnify and hold harmless City, Consultants, and their respective officers, agents and employees from and against all claims, damages, losses, costs and expenses arising out of, relating to, or incurred in connection with the use by Contractor, its officers, agents, subcontractors and employees of any equipment, materials, tools, construction equipment, machinery, and/or motor vehicles owned or leased by City. The indemnification provided by this Section shall apply regardless of whether City consents to the use of equipment by Contractor.

In the event such indemnity as described above is prohibited by law, then said indemnity shall only be to the extent caused by the negligent acts or omissions of the Contractor, subcontractors, anyone directly or indirectly employed by any of them, or anyone for whose acts any of them may be liable, or to the extent allowed by applicable law.

The indemnification obligation under this paragraph shall not be limited in any way by any limitations on the amount or type of damages, compensation or benefits payable by or for the benefit of Contractor or any indemnities under any Worker's Compensation Act, Occupational Disease Act, Disability Benefits Act, or any other employee benefits act. The Contractor further agrees to waive any and all liability limitations based upon the Worker's Compensation Act court interpretations or otherwise.

Contractor agrees that a similar waiver of liability limitation will be incorporated in its agreements with subcontractors or anyone directly or indirectly employed by them. Contractor agrees that in the event it

fails to incorporate such a waiver of liability limitation in its agreements with said subcontractors and others, then it will be responsible for any additional liability arising out of said failure. The defense and indemnification obligations set forth in this provision shall survive the termination or expiration of this Agreement.

Contractor further agrees that all future contracts in furtherance of this contract between Contractor and any of its subcontractors will designate City and CONSULTANTS as intended third party beneficiaries of that contract. Contractor hereby agrees to specifically label City and CONSULTANTS as an "intended third party beneficiaries" in all contracts entered in furtherance of this contract.

7-2 INSURANCE REQUIREMENTS

7-2.01 GENERAL

The Contractor and any Subcontractors shall obtain and thereafter keep in force for the term of the contract the insurance coverage specified in 7-2.02 MINIMUM INSURANCE REQUIREMENTS.

The Contractor shall not commence work under the Contract until all the insurance required by this section or any Special Provisions has been obtained. The insurance companies must be authorized to do business in the State of Illinois.

The insurance companies providing coverage shall be rated in the Best's Key Rating Guide with a rating not lower than A- and shall have a financial size category of not less than VII.

The Contractor shall be solely responsible for enforcing compliance with these insurance requirements by all Subcontractors of any tier.

A. PRIMARY INSURANCE

All insurance required of the Contractor shall be specifically endorsed so that it is Primary Insurance as to all additional insureds with respect to all claims arising out of operations by or on their behalf. If additional insureds have other applicable insurance coverage, those coverages shall be deemed to be on an excess or contingent basis.

B. NO WAIVER OF INSURANCE REQUIREMENT BY CITY

Under no circumstances shall the City be deemed to have waived any of the insurance requirements of this Contract by any act or omission, including, but not limited to:

1. Allowing work by Contractor or any Subcontractor of any tier to start before receipt of certificates of insurance, endorsements, and other required insurance documents; or
2. Failure to examine, or to demand correction of any deficiency of, any certificate of insurance received.

The Contractor agrees that the obligation to provide insurance is solely the Contractor's responsibility and cannot be waived by any act or omission of the City.

C. *INSURANCE DOES NOT LIMIT LIABILITY*

The purchase of insurance by the Contractor under this Contract shall not be deemed to limit the liability of the Contractor in any way for damages suffered by City (e.g., in excess of policy limits, because of deductibles, or not covered by the policies purchased).

D. *NOTIFICATION OF PERSONAL INJURY/PROPERTY DAMAGE*

The Contractor shall notify the City, in writing, of any possible or potential claim for personal injury or property damage arising out of the work of this Contract promptly whenever the occurrence giving rise to such a potential claim becomes known to the Contractor.

7-2.02 *MINIMUM INSURANCE REQUIREMENTS*

The insurance coverage required of the Contractor and any Subcontractors shall be written for not less than the following, or greater if required by law:

- A. *Workers' Compensation and Occupational Disease Insurance*** in accordance with applicable state and federal laws, and Employer's Liability Insurance with a bodily injury per accident limit of liability of at least \$ 500,000, bodily injury by disease limit each employee of \$500,000 and bodily injury by disease policy limit of \$500,000 or such greater sum as may be reasonably required by City.
- B. *Commercial General Liability Insurance*** provided by ISO form CG 0001 with a combined Bodily Injury and Property Damage limit of at least \$1,000,000 per occurrence, \$2,000,000 products and completed operations aggregate and \$2,000,000 general aggregate, or such greater sum as may be reasonably required by City.

 - 1. Completed Operations and Products liability insurance shall be maintained for a period of 2-years after completion and acceptance of the Project by City, or such longer period as may be reasonably required by the City.
 - 2. The above policy shall include an endorsement identifying City, and any other parties as may be reasonably required by City or CONSULTANTS as Additional Insured. ISO endorsements CG 2010 and CG 2037 any edition, or equivalent forms, must be used to provide this coverage. Copies of the endorsements must be included with the certificate of insurance as required in paragraph L.
 - 3. Claims-Made coverage triggers are not acceptable to City.
 - 4. ISO form CG2503, Designated Construction Project(s) General Aggregate Limit or an equivalent form must be endorsed to the policy and identified on the certificate of insurance. City's and Contractors Protective Liability policy can be

utilized in lieu of aggregate limits per project, (see 7-2.02O for OCP requirements)

5. The policy shall not contain a sunset provision, commutation clause or any other provision which would prohibit the reporting of a claim and the subsequent defense and indemnity that would normally be provided by the policy.
6. The policy shall not contain any provision, definition or endorsement which would serve to eliminate third party action over claims.
7. Residential Work exclusions or limitations, in any form, are not acceptable to Contractor.

C. **Comprehensive Automobile Liability Insurance** covering use of all owned, non-owned and hired vehicles with Bodily Injury and Property Damage limit of at least \$1,000,000 Combined Single Limit, or such greater sum as may be reasonably required by the City. This policy shall include coverage for City, CONSULTANTS, and any other parties as may be reasonably required by City, for liability arising out of the actions of Contractor, whether by endorsement or otherwise.

D. **Excess or Umbrella Liability Insurance** limits of no less than \$5,000,000 per occurrence for Employer's Liability, Commercial General Liability and Comprehensive Automobile Liability, in excess of the minimum policy limits stated below:

Employer's Liability \$500,000/ \$500,000 / \$500,000

Commercial General Liability \$1,000,000 per occurrence

Commercial General Liability \$2,000,000 general aggregate

Commercial General Liability \$2,000,000 completed operations aggregate

Comprehensive Auto Liability \$1,000,000 combined single limit

Excess/Umbrella coverage shall be provided as no less than Follow Form and shall name City, Consultants, and any other parties as may be reasonably required by City, as Additional Insured on a Primary and Non-Contributory basis.

E. **Pollution Liability** in the amount of \$1,000,000 per occurrence and in the aggregate or such sum as may be reasonably required by the City. This requirement covers the Contractor's use of, transportation, removal and/or disposal of hazardous materials and/or pollutants. Additionally, this requirement must apply to any disposal site

receiving hazardous materials and/or pollutants. Pollution means the actual or alleged discharge, dispersal, release, seepage, migration, growth, or escape of smoke, soot, fumes, acids, alkalis, toxic chemicals, mold, mildew, spores, fungi, microbes, bacterial matter, legionella pneumophila, asbestos, lead, silica, liquids or gases, waste materials, contaminants, or other irritants, into or upon land, the atmosphere, any structure on land, the atmosphere contained within that structure, or any watercourse or body of water, including groundwater. Radioactive matter shall also be considered a pollutant, except as otherwise covered or protected by insurance or protections provided pursuant to 42 U.S.C. § 2014(w), as amended, or Section 170 of the Atomic Energy Act of 1954, as amended.

- F. Professional Liability** in the amount of \$2,000,000 per occurrence and in the aggregate or such sum as may be reasonably required by the City. This requirement covers the Contractor's duties that involve professional architectural, engineering, design or consultation work. Any applicable deductibles and/or retention's must be noted on the Certificate of Insurance. Policy exclusions are not allowed for pollution, including mold, fungi or bacteria including the vapor produced or arising therefrom. Please see the project *Special Provisions* for the project specific needs of this policy.
- G. Property and Equipment** Contractor shall purchase and maintain at its own discretion and expense, Builder's Risk/Installation Floater Insurance in an amount equal to the insurable value of the Contractor's property, whether off site or in transit, to cover any equipment, tools or tangible personal property. Contractor assumes all liability and risks, and agrees to waive all claims against City and CONSULTANTS for damage to or loss of equipment, machinery, tools, supplies and other tangible personal property owned or supplied by Contractor and utilized or intended to be utilized during the course of Contractor's Work. Any insurance carried by Contractor covering such damage or loss shall be endorsed with a waiver of subrogation in favor of City and CONSULTANTS. Any and all subcontractors agree to assume the same liabilities and risks as Contractor.
- H. Each of Contractor's** General Liability, Auto Liability, Pollution Liability, Professional Liability and Excess/Umbrella Liability policies must be endorsed as Primary and Non-Contributory as to any insurance maintained by the Additional Insured(s) and shown on the certificate of insurance.
- I. An endorsement** in favor of the Additional insured(s) waiving the Contractor's and its insurer's rights of subrogation shall be issued with respect to the Commercial General Liability, Comprehensive Auto Liability, Pollution Liability, Professional Liability and Workers' Compensation and Employers Liability policies. Evidence of this endorsement must be noted on the certificate of insurance.

- J.** **Self-funded** or other non-risk transfer insurance mechanisms or deductibles/self-insured retentions greater than \$25,000 per occurrence are not acceptable to City on any insurance coverage required in this agreement. If the Contractor has such a program, full disclosure must be made to City and CONSULTANTS prior to any consideration being given.
- K.** **Any subcontractor** employed by Contractor shall have equivalent coverage.
- I.** **A Certificate of Insurance**, including copies of the Additional Insured endorsements, shall be sent to City or CONSULTANTS prior to the commencement of any Work (please see the sample attached at the end of Section 7). All Certificates of Insurance and Endorsements verifying the existence of the above required insurance shall be in form and content satisfactory and acceptable to City and CONSULTANTS and shall be submitted to City or CONSULTANTS in a timely manner so as to confirm Contractor's full compliance with these insurance requirements stated herein, throughout the entire term of this Agreement.
- M.** Contractor shall provide written notice via email of any cancellation notice received by Contractor from any insurer providing insurance as required in this Agreement within two (2) business days of Contractor's receipt of such notice.
- N.** **Permitting Contractor** to commence Work prior to CONSULTANTS's receipt of the required certificate shall not be a waiver of the Contractor's obligation to provide all of the above insurance. Acceptance by City or CONSULTANTS of insurance submitted by Contractor shall not relieve or decrease in any manner the liability of the Contractor for its performance under this Agreement.

In the event Contractor fails to obtain or maintain any of the foregoing required coverage, the City may purchase such coverage and charge the expense thereof to the Contractor, or may terminate this Agreement.

These Insurance provisions are intended to be a separate and distinct obligation on the part of Contractor. Therefore, these provisions shall be enforceable and Contractor shall be bound thereby regardless of whether or not the Indemnity provisions of this Agreement are determined at any time to be enforceable in the jurisdiction in which the Work covered by this Agreement is performed. The obligation of the Contractor to provide the insurance herein specified shall not limit in any way the liability or obligations assumed by the Contractor elsewhere in this Agreement.

In the event Contractor or its insurance carrier(s) defaults on any obligations under this Insurance provision, Contractor agrees that it will be liable for all reasonable expenses and attorneys' fees incurred by City in the enforcement of the terms of this provision.

O. City and Contractor's Protective Liability Insurance

If the Contractor is unable or unwilling to provide the required General Liability Additional Insured forms, a City's and Contractor's Protective Policy can be purchased as an acceptable alternate; Required limits of insurance;

1. Bodily Injury and Property Damage Combined

\$5,000,000 Each Occurrence

\$10,000,000 Annual Aggregate
2. The Contractor will furnish and maintain during the entire period of construction a City and Contractor's Protective Liability policy written in the name of the City and CONSULTANTS with not less than the limits indicated. The named insureds shall be:
 - a. City
 - b. Consultant, If Required.
3. Proof of insurance for the coverages required to be purchased by the Contractor, including the City's and Contractor's Protective Policy shall be submitted to CONSULTANTS for transmittal to the City for his approval prior to the start of construction. Proof of the City's Protective Policy shall consist of providing an entire copy of that policy to CONSULTANTS. With respect to all other coverages required to be purchased by the Contractor, proof of insurance shall consist of a Certificate of Insurance issued by the Contractor's insurance agency.
4. It is further understood that any insurance maintained or carried by City shall be in excess of any coverage provided by any Contractor or Subcontractor.

P. Railroad Protective Insurance will be required by Special Provisions if needed.

Q. Builder's Risk Insurance is not provided by the City. The Contractor is responsible for any loss that would be insured by such coverage. On Contracts for construction of buildings, bridges, or other structures, all Builder's Risk coverage may be required by Special Provisions. Such coverage shall name the City, Contractor, subcontractors, and suppliers, as their interests may appear as named insureds.

7-3 PERMITS AND LICENSES

The Contractor, prior to commencing work, shall at his own expense procure all permits, licenses, and bonds necessary for the prosecution of the work, required by Municipal, County, State and Federal regulations, unless specifically provided otherwise in the Special Conditions of the Contract.

The Contractor shall also give all notice, pay all fees, and comply with all Federal, State, County and Municipal laws, ordinances, rules and regulations and building and construction codes bearing on the conduct of the Work.

7-4 PATENTS AND ROYALTIES

If any design, device, material or process covered by letters patent or copyright is used by the Contractor, he shall provide for such use by legal agreement with the City of the patent or a duly authorized licensee of such City, and shall save harmless the City and the Engineer from any and all loss or expense on account thereof, including its use by the City.

7-5 STATE AND FEDERAL PARTICIPATION

When the County, State, and/or the Federal Government pays all or any portion of the cost of the Work, the Work shall be subject to the inspection of the appropriate agency.

7-6 SANITARY PROVISIONS

The Contractor shall comply with all rules and regulations of the Federal, State, County, and local health departments, and shall take precautions to avoid creating unsanitary conditions. The City or Engineer shall not be responsible for determining whether the Contractor is in compliance with these rules and regulations.

7-7 PUBLIC CONVENIENCE AND SAFETY

The Contractor shall notify the City at least five (5) days in advance of the starting of Work, which might in any way inconvenience or endanger traffic, so that arrangements may be made, if necessary, for closing the road and providing suitable detours. The Contractor shall at all times conduct the Work as to insure the least obstruction to vehicular and pedestrian traffic. The convenience of the general public and of residents along the roadway shall be provided for in an adequate and satisfactory manner. (See also 7-9, 7-14 and 8-6.)

If a temporary road is required for the convenience of the general public and/or residents along the roadway, temporary road requirements will not be paid for separately, but will be incidental to the Contract and no extra compensation will be allowed.

7-8 BARRICADES AND WARNING SIGNS

When any section of road is closed to traffic, the Contractor shall provide, erect, and maintain barricades, red flags, signs and lights at each end of the closed section and at all intersecting roads in accordance with the Illinois Manual of Uniform Traffic Control Devices.

If during the progress of the work, it is necessary to provide access to private property along the road, the Contractor shall provide, erect, and maintain within the closed portion of the road, such barricades, signs, flags and lights as may be necessary to protect the Work and to safeguard local traffic.

When traffic is to be permitted to use the road during construction, the Contractor shall protect the work and provide for safe and convenient public travel by providing, erecting, and maintaining such barricades, red flags, and lights as are necessary.

The Contractor's responsibility for the work, as provided in Section 7-15, shall apply, even though barricades, signs, red flags, and lights are installed as required above.

The cost of furnishing and maintaining barricades, warning signs, red flags, and lights as required herein shall be incidental to the Contract and no extra compensation will be allowed. The Engineer shall not be responsible for determining whether the Contractor is in compliance with these rules and regulations.

7-9 DEBRIS ON TRAVELED SURFACE OR STRUCTURES

Where the Contractor's equipment is operated on any portion of the traveled surface or structures used by traffic on or adjacent to the section under construction, the Contractor shall clean the traveled surface of all dirt and debris at the end of each day's operation.

The cost of this work shall be included in the unit prices bid and no additional compensation will be allowed. The Engineer shall not be responsible for determining whether the Contractor is in compliance with these rules and regulations.

7-10 EQUIPMENT ON TRAVELED SURFACE AND STRUCTURES

The traveled surface and structures on or adjacent to the work shall be protected, from damage by lugs or cleats on treads or wheels of equipment.

All equipment used in the prosecution of the work shall comply with the legal loading limits established by the statutes of the State of Illinois or local regulations when moved over or operated on any traveled surface or structure unless permission in writing has been issued by the City. Before using any equipment, which may exceed the legal loading, the Contractor shall secure a permit, allowing ample time for making an analysis of stresses to determine whether or not the proposed loading would be within safe limits. The City will not be responsible for any delay in construction operations or for any costs incurred by the Contractor as a result of compliance with the above requirements. The Engineer shall not be responsible for determining whether the Contractor is in compliance with these rules and regulations.

7-11 USE OF EXPLOSIVES

When the use of explosives is necessary for the prosecution of the Work, the Contractor shall be governed by the rules and regulations of the Department of Mines and Minerals of the State of Illinois and any local regulations, which govern the use of explosives. The Engineer shall not be responsible for determining whether the Contractor is in compliance with these rules and regulations.

7-12 USE OF FIRE HYDRANTS

If the Contractor desires to use water from hydrants, he shall make application to the proper authorities, and shall conform to the municipal ordinances, rules or regulations concerning their use. Water from hydrants or other sources shall be at the Contractor's expense unless otherwise provided in the Special Provisions

Fire hydrants shall be accessible at all times to the Fire Department. No material or other obstructions shall be placed closer to a fire hydrant than permitted by municipal ordinances, rules or regulations, or within ten feet (10') of a fire hydrant, in the absence of such ordinances, rules or regulations.

7-13 PROTECTION AND RESTORATION OF PROPERTY

If corporate or private property interferes with the Work, the Contractor shall notify, in writing, the City of such property, advising them of the nature or disposition of such property. The Contractor shall furnish the City with copies of such notifications and with copies of any agreements between him and the property Owners concerning such protection or disposition.

The Contractor shall take all necessary precautions for the protection of corporate or private property, such as walls and foundations of buildings, vaults, underground structures of public utilities, underground drainage facilities, overhead structures of public utilities, trees, shrubbery, crops and fences contiguous to the Work, of which the Contract does not provide for removal. The Contractor shall protect and carefully preserve all official survey monuments, property marks, section markers, and Geological Survey monuments, or other similar monuments, until the City or an authorized surveyor or agent has witnessed or otherwise referenced their location or relocation. The Contractor shall take reasonable precautions to avoid disturbing any archeological and other historic remains encountered during construction. The Contractor shall notify the City of the presence of an such survey or property monuments or archeological and other historic remains as soon as they are discovered.

The Contractor shall be responsible for the damage or destruction of property of any character resulting from error, neglect, misconduct or omission in his manner or method of execution or non-execution of the Work, or caused by defective Work or the use of unsatisfactory materials, and such responsibility shall not be released until the Work shall have been completed and accepted and the requirements of the Specifications complied with.

Whenever public or private property is so damaged or destroyed, the Contractor shall at his own expense, restore such property to a condition equal to that existing before such damage or injury was done by repairing, rebuilding, or replacing it as may be directed, or he shall otherwise make good such damage or destruction in an acceptable manner. If he fails to do so, the City may, after the expiration of a period of forty-eight (48) hours after giving him notice in writing, proceed to repair, rebuild, or otherwise restore such property as may be deemed necessary, and the cost thereof shall be deducted from any compensation due, or which may become due the Contractor under his contract.

The Contractor shall remove all mailboxes within the limits of construction, which interfere with construction operations and shall erect them at temporary locations. As soon as construction operations permit, he shall set the mailboxes at their permanent locations. The Contractor shall replace at his own expense any mailbox or post which has been damaged by his operations.

The cost of all materials required and all labor necessary to comply with the above provisions will not be paid for separately, but shall be considered as incidental to the Contract, unless otherwise specified in the Special Provisions.

7-14 PROTECTION AND RESTORATION OF TRAFFIC SIGNS

Any traffic sign within the limits of construction, which interferes with construction operations, may be removed by the Contractor when authorized by the traffic sign City. Any traffic sign, which has been

removed, shall be re-erected immediately by the Contractor at the temporary location designated by the traffic sign City, and as soon as construction operations permit, the sign shall be set at its permanent location. The cost of all materials required and all labor necessary to comply with this provision will not be paid for separately, but shall be considered as incidental to the contract.

The Contractor shall replace at his own expense any traffic sign or post which has been damaged due to his operations.

Any traffic sign designated as critical by the traffic sign City shall not be disturbed and no additional compensation will be allowed the Contractor for any delays, inconvenience, or damage sustained by him due to any special construction methods required in prosecuting his work due to the existence of such traffic signs.

7-15 CONTRACTOR'S RESPONSIBILITY FOR WORK

The Work shall be under the control and care of the Contractor until final acceptance or use or occupancy by the City. The Contractor shall assume all responsibility for injury or damage to the Work by action of the elements or from any other cause whatsoever, and shall rebuild, repair, restore, and make good, at his expense, all injuries or damages to the Work, except that when the Work is opened to usage by written order of the City, the provisions of this article shall not apply to damage caused by such use and not due to the Contractor's fault or negligence.

When materials are furnished to the Contractor by the City for inclusion in the work, the Contractor's responsibility for handling and installation of all such materials shall be the same as for materials furnished by him.

In case of suspension of Work by the Contractor, the Contractor shall be responsible for the Work and shall take such precautions as may be necessary to prevent damage to the Work, provide for normal drainage and shall erect any necessary temporary structures, signs, or other facilities at his expense.

7-16 GUARANTEE PERIOD

The Contractor shall warrant all Work performed for a period of one (1) year from the date of final acceptance in writing by the Engineer. In case of acceptance of a part of the work for use or occupancy prior to final acceptance of the entire Work, the guarantee for the part so accepted shall be for a period of one year from the date of such partial acceptance, in writing, by the Engineer.

In placing orders for equipment, the Contractor shall purchase same only under a written guarantee from the respective manufacturers that the equipment supplied will function satisfactorily as an integral part of the completed Work in accordance with the Plans and Specifications, and that the manufacturer will repair or otherwise make good any defects in workmanship or materials which may develop within a period of one (1) year from the date of final acceptance. Furthermore, the Contractor shall require that the manufacturer agree in writing at the time the order for equipment is placed that he will be responsible for the proper functioning of the equipment in cooperation with the Contractor, and that whenever necessary during the installation period or tuning up period following construction period, the manufacturer will supply without additional cost to the City, such superintendence and mechanical labor

and any adjustments and additional parts and labor needed to make the equipment function satisfactorily, even if same was not shown on the approved shop drawings.

7-17 PERSONAL LIABILITY OF CITY'S AGENTS

In carrying out the provisions of this contract, or in exercising any power or authority granted to the City, there shall be no personal liability upon any officer or authorized agent of the City provided the City is a governmental body, it being understood that all such persons act as agents and representatives of the City.

7-18 NO WAIVER OF LEGAL RIGHTS

The City and the Engineer shall not be precluded by any measurement, estimate, or certificate made either before or after the completion and acceptance of the Work and payment therefor, from showing the true amount and character of the Work performed and materials furnished by the Contractor, or from showing that any such measurement, estimate, or certificate is untrue or incorrectly made, or that the Work or materials do not conform in fact to the Contract. The City shall not be precluded, notwithstanding any such measurement, estimate, or certificate and payment in accordance therewith, from recovering from the Contractor and his sureties such damages as if it may sustain by reason of his failure to comply with the terms of the Contract. Neither the acceptance by the City, nor any representative of the City, nor any payment for or acceptance of the whole or any part of the work, nor any extension of time, nor any possession taken by the City, shall operate as a waiver of any portion of the Contract, or of any power herein reserved, or any right to damages herein provided. A waiver of any breach of the Contract shall not be held to be a waiver of any other or subsequent breach.

7-19 SAFETY

Contractor shall comply with State and Federal Safety regulations as outlined in latest revision of Federal Construction Safety Standards (Series 1926) and with applicable provisions and regulation of Occupation Safety and Health Administration (OSHA) Standards of the Williams-Steiger Occupational Health and Safety Act of 1970 (rev.). The City or Engineer shall not be responsible for determining the Contractor's compliance with these regulations.

The Contractor is solely responsible for the safety procedures, programs and methods of its employees, subcontractors of every tier, and agents. Contractor shall hold the City and the Engineer harmless for any and all damages resulting from violations thereof.

7-20 USE OF PRIVATE LAND

The Contractor shall not use any vacant lot or private land as a plant site, depository for materials, or as a spoil site without the written authorization of the City of the land (or his agent), a copy of which authorization shall be filed with the City.

7-21 USE OF WATER

Contractors desiring to use water furnished by the City will be required to make application for extension to the proper authorities and conform to the rules and regulations provided in such cases by the municipal ordinances and pay the usual water rates.

7-22 COST OF SERVICES

The Contractor will be required to pay the established water rates for water obtained from the City. Large quantities of water for flushing trenches, filling mains, testing or other operations shall be drawn only at night or at times specifically authorized by the City.

The cost of all power, lighting and heating required during construction shall be paid by the Contractor and its costs merged in the contract price.

7-23 WORK IN BAD WEATHER

No construction work shall be done during stormy, freezing or inclement weather, except such as can be done satisfactorily, and to secure first-class construction throughout, and then only subject to permission of the City.

7-24 SUNDAY WORK

No work shall be performed under these specifications at night or on Sunday and legal holidays without the approval of the City. If it is found necessary to continue the work at night or on Sunday or on a legal holiday, the Contractor will be charged for the Engineering and observation at such times at the rate of Seven Hundred Fifty Dollars (\$750.00) per day of eight (8) working hours for each person doing such work on the job, and the amount will be deducted from money due to the Contractor at the time of settlement.

7-25 WATCHMEN

Watchmen are to be provided by the Contractor at the site of the project to prevent loss, damage to property, or accidents.

7-26 CONSTRUCTION DEBRIS

The Contractor shall not conduct any generation, transportation, or recycling of construction or demolition debris, clean or general or uncontaminated soil generated during construction, remodeling, repair, and demolition of utilities, structures, and roads that is not commingled with any waste, without the maintenance of documentation identifying the hauler, generator, place of origin of the debris or soil, the weight or volume of the debris or soil, and the location, City, and operator of the facility where the debris or soil was transferred, disposed, recycled or treated. This documentation must be maintained by the Contractor for 3 years.

7-27 SAMPLE INSURANCE CERTIFICATE

Email all Certificates to the City or designated Consultants

ACORD **CERTIFICATE OF LIABILITY INSURANCE** DATE 08/25/2022

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, AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

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

YOUR INSURANCE AGENT **YOUR NAME AND ADDRESS**

COVERAGE **CERTIFICATE NUMBER** **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. IN THE EVENT ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THE CERTIFICATE MAY BE ISSUED OR MAY RETAIN THE COVERAGE 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.

TYPE	TYPE OF COVERAGE	DATE WHEN COVERAGE BEGINS	POLICY NUMBER	INSURED	PERIOD OF COVERAGE	LIMITS
☒	COMMERCIAL GENERAL LIABILITY CGL CGL-100					BODILY INJURY AND PROPERTY DAMAGE: \$1,000,000 MEDICAL EXPENSES: \$100,000 ADVERTISING: \$100,000 PRODUCTS: \$1,000,000 COMPLETION: \$1,000,000 POLLUTION: \$1,000,000 TOTAL: \$1,000,000
☒	PRODUCT LIABILITY PL PL-100					BODILY INJURY AND PROPERTY DAMAGE: \$1,000,000 MEDICAL EXPENSES: \$100,000 ADVERTISING: \$100,000 PRODUCTS: \$1,000,000 COMPLETION: \$1,000,000 POLLUTION: \$1,000,000 TOTAL: \$1,000,000
☒	COMPLETION LIABILITY CL CL-100					BODILY INJURY AND PROPERTY DAMAGE: \$1,000,000 MEDICAL EXPENSES: \$100,000 ADVERTISING: \$100,000 PRODUCTS: \$1,000,000 COMPLETION: \$1,000,000 POLLUTION: \$1,000,000 TOTAL: \$1,000,000
☒	ADVERTISING LIABILITY AL AL-100					BODILY INJURY AND PROPERTY DAMAGE: \$1,000,000 MEDICAL EXPENSES: \$100,000 ADVERTISING: \$100,000 PRODUCTS: \$1,000,000 COMPLETION: \$1,000,000 POLLUTION: \$1,000,000 TOTAL: \$1,000,000
☒	POLLUTION POL POL-100					BODILY INJURY AND PROPERTY DAMAGE: \$1,000,000 MEDICAL EXPENSES: \$100,000 ADVERTISING: \$100,000 PRODUCTS: \$1,000,000 COMPLETION: \$1,000,000 POLLUTION: \$1,000,000 TOTAL: \$1,000,000

COVERAGE HOLDER **CANCELLATION**

OWNER

SHOULD ANY OF THE ABOVE POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE GIVEN IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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SECTION 8. PROSECUTION AND PROGRESS

8-1 SUBLETTING OR ASSIGNMENT OF CONTRACT

The Contractor shall not sublet, sell, transfer, assign, or otherwise dispose of the Contract or Contracts or any portion thereof, or of his right, title, or interest therein, without written consent of the City. In case such consent is given, the Contractor will be permitted to sublet a portion thereof, but shall perform with his own organization, Work amounting to not less than 50 per cent of the total Contract, except that any items designated in the Contract as "specialty items" may be performed by subcontract and may be deducted from the total Contract price before computing the amount of work required to be performed by the Contractor with his own organization. No subcontracts, or transfer of Contract, shall in any case release the Contractor of his liability under the Contract. All transactions of the City shall be with the Contractor; subcontractors shall be recognized only in the capacity of employees or workmen and shall be subject to the same requirements as to character and competence.

8-2 PROGRESS SCHEDULE

Promptly after the award of the contract, if requested, the Contractor shall submit to the City a satisfactory progress schedule, which shall show the proposed sequence of work, and how the Contractor proposes to complete the various items of work within the number of days set up on the contract. The progress schedule shall be reviewed and revised periodically as working conditions warrant. The Contractor shall confer with the City in regard to the prosecution of the Work in accordance with this schedule. This schedule shall be used as a basis for establishing major construction operations, and for checking progress of the Work.

8-3 PRE-CONSTRUCTION CONFERENCE

Unless the need for a preconstruction conference is waived by the Engineer, the Contractor shall make himself and his representatives available to meet with the Engineer and other representatives of the City, prior to the start of construction to discuss scheduling, handling of materials, payments, etc.

8-4 PROSECUTION OF THE WORK

The Contractor shall begin the Work to be performed under the contract not later than ten (10) days after the execution and acceptance of the Contract, unless otherwise provided, but not prior to the execution of the Contract.

8-5 COMPLETION DATE

The Contractor shall complete all Work on or before the stipulated completion date, or on or before a later date determined as specified herein; otherwise, the City may proceed to collect liquidated damages described hereinafter.

When a delay occurs due to unforeseen causes beyond the control and without the fault or negligence of the Contractor, including, but not restricted to, acts of the public enemy, governmental acts, fires, floods, epidemics, strikes, extraordinary delays in delivery of materials caused by strikes, lockouts, wrecks, freight embargoes, governmental acts, or acts of God, the time of completion shall be extended in whatever amount is determined by the City.

An "Act of God" means an earthquake, flood, cloudburst, cyclone, or other cataclysmic phenomena of nature beyond the power of the Contractor to foresee or make preparation in defense against. A rain, windstorm or other natural phenomenon of normal intensity, based on U.S. Weather Bureau reports, for the particular locality and for the particular season of the year in which the work is being prosecuted, shall not be construed as an "Act of God", and no extension of time will be granted for the delays resulting therefrom.

8-6 LIMITATIONS OF OPERATIONS

The Contractor shall conduct his work so as to create a minimum amount of inconvenience to vehicular and pedestrian traffic. At any time when, in the judgment of the City, the Contractor has obstructed or closed the road or is carrying on operations on a greater portion of a street than is necessary for the proper prosecution of the Work, the City may require the Contractor to finish the section on which Work is in progress before the Work is started on any additional section. (See also Section 7-7).

8-7 SUSPENSION OF WORK

The City shall have authority to suspend the Work wholly or in part, for such period of time as he may deem necessary, due to conditions unfavorable for the satisfactory prosecution of the Work, or to conditions which in his opinion warrant such action; or for such time as is necessary by reason of failure on the part of the Contractor to carry out orders given, or to perform any or all provisions of the Contract. No additional compensation will be paid the Contractor because of any costs caused by such suspension, except when the suspension is ordered for reasons not resulting from any act or omission on the part of the Contractor. If it becomes necessary to stop Work for an indefinite period of time, the Contractor shall store all material in such manner that they will not obstruct or impede the traveling public unnecessarily or become damaged in any way, take every precaution to prevent damage or deterioration of the Work performed, provided suitable drainage of the roadway, and erect temporary structures where necessary. The Contractor shall not suspend Work without written authority from the City. (See also Section 7-15).

8-8 DETERMINATION AND EXTENSION OF CONTRACT TIME FOR COMPLETION

When the time for completion of the Work contemplated is specified in the Contract, it is understood that the completion of the Work within the time specified is an essential part of the Contract. If the Contractor finds it impossible to complete the Work within the time specified in the Contract, he may, at any time prior to the last thirty (30) days of the Contract time specified, make written request to the City for an extension of Contract time. He shall set forth in full in his request the reasons, which he believes justify the granting of his request. If the City finds that the Work is delayed because of conditions beyond the control of the Contractor, or that the quantities of work done, or to be done, are in excess, he shall promptly grant an extension of time for completion, which appears reasonable and proper. The extended time for completion shall then be considered as in effect the same as if it were the original Contract time for completion.

8-9 FAILURE TO COMPLETE THE WORK ON TIME

Should the Contractor fail to complete the Work within the Contract time the Contractor shall be liable to the City in the amount shown in the following schedule of deductions, as liquidated damages, and not

as a penalty, for each day of overrun in the Contract time or such extended time as may have been allowed.

**SCHEDULE OF DEDUCTIONS FOR
EACH DAY OF OVERRUN IN
CONTRACT TIME**

Original Contract Amount		Daily Charge	
From more than	To and including	Calendar Day	Work Day
\$ 0	100,000	\$ 475	\$ 675
100,000	500,000	750	1,050
500,000	1,000,000	1,025	1,425
1,000,000	3,000,000	1,275	1,725
3,000,000	6,000,000	1,425	2,000
6,000,000	12,000,000	2,300	3,450
12,000,000	And over	5,800	8,125

8-10 DEFAULT ON CONTRACT

If the Contractor fails to begin the Work under Contract within the time specified, or fails to perform the Work with sufficient workmen and equipment or with sufficient materials to insure the completion of said Work within the Contract time, or shall perform the Work unsuitable, or shall neglect or refuse to remove materials or perform anew such Work as shall be rejected as defective and unsuitable, or shall discontinue the prosecution of the Work, or if the Contractor shall become insolvent or be declared bankrupt, or shall commit any act of bankruptcy or insolvency, or shall make an assignment for the benefit of creditors, the City shall give notice in writing to the Contractor and his surety of such delinquency, said notice to specify the corrective measures required.

If the Contractor, within a period of ten (10) days after said notice, shall not proceed in accordance therewith, the City shall have full power and authority to forfeit the rights of the Contractor and at its

option to call upon the surety to complete the Work in accordance with the terms of the contract, or it may take over the Work, including any or all materials and equipment on the ground as may be suitable and acceptable, and may complete the Work with his own forces, or may enter into a new agreement for the completion of said Contract according to the terms and provisions thereof, or use such other methods as, in its opinion, shall be required for the completion of said Contract in an acceptable manner.

All costs and charges incurred by the City, together with the cost of completing the work under Contract, shall be deducted from the Contract amount. In case the expense so incurred by the City shall be less than the sum which would have been payable under the Contract if it had been completed by the Contractor, the Contractor shall be entitled to receive the difference subject to any claims for liens thereon in case such expense shall exceed the sum which would have been payable under the Contract, the Contractor and the surety shall be liable and shall pay to the City the amount of such excess.

8-11 TERMINATION OF THE CONTRACTOR'S RESPONSIBILITY

Whenever the Work called for by the Contract shall have been completely performed on the part of the Contractor and all parts of the Work have been approved and deemed to be in compliance with the Technical Plans and Specifications by the Engineer, according to the Contract, and the final estimate paid, the Contractor's obligations shall be considered fulfilled, except as set forth in his Bond, in Section 7-18 and his one-year guarantee, in Section 7-16.

SECTION 9. MEASUREMENT AND PAYMENT

9-1 MEASUREMENT OF QUANTITIES

All Work completed under the Contract will be measured by the Engineer according to United States Standard Measures. The method of measurement shall be described in the Specifications or the Special Provisions.

9-2 SCOPE OF PAYMENT

The Contractor shall receive and accept the compensation as herein provided, in full payment for furnishing all materials, labor, tools and equipment; for performing all Work contemplated and embraced under the Contract; for all loss or damage arising out of the nature of the Work or from action of the elements; for any unforeseen difficulties or obstructions which may arise or be encountered during the prosecution of the Work until its final acceptance by the City; for all risks of every description connected with the prosecution of the Work; also, for all such expenses incurred by or in consequence of suspension or discontinuance of such prosecution of the work as herein specified, or for any infringement of patents, trademarks, or copyrights, and for completing the Work in an acceptable manner according to the Contract Documents.

Contractor will be paid in cash and/or negotiable warrants at intervals, and in accord with the terms of the Contract. Except for subdivision contracts, the City will retain ten percent (10%) of each periodic payment until final completion and acceptance by the City of all Work included in the Contract.

The payment of any current estimate prior to final acceptance of the Work by the City shall in no way constitute an acknowledgment of the acceptance of the Work, nor in any way prejudice or affect the obligation of the Contractor, at his expense, to repair, correct, renew, or replace any defects or imperfections in the construction or in the strength or quality of the materials used in or about the construction of the Work under Contract and its appurtenances, nor any damage due or attributable to such defects, which defects, imperfections, or damage shall have been discovered on or before the final inspection and acceptance of the Work. Defects, imperfections, or damage, shall be determined by the Engineer observing the work for compliance with the Plans and Specifications, and the Contractor shall be liable to the City for failure to correct the same as provided herein.

9-3 INCREASED OR DECREASED QUANTITIES

Whenever the quantity of any item of Work as given in the Proposal shall be increased or decreased, payment shall be made on the basis of the actual quantity completed at the unit price for such item named in the Proposal, except as otherwise provided in Sections 4-3 or in the detailed specifications for each class of Work.

9-4 PAYMENT FOR EXTRA WORK

Extra Work which results from any of the changes as specified in Section 4-3 shall not be started, except in case of an emergency, until receipt of a written authorization or Work order from the City, which authorization shall state the items of work to be performed and the method of payment for each item. Work performed without such order will not be paid for.

Extra work will be paid for:

- A. Either at a lump sum price or at unit prices agreed upon by the Contractor and the City. (In case a Supplemental Agreement is signed between the Contractor and the City, the agreed prices pertaining thereto shall prevail).
- B. If acceptable to the Engineer, on the following force account basis:
 - 1. Labor. The Contractor will be paid the actual amount of wages for all labor and foreman in direct charge of the specific Work for each hour that said labor and foreman are actually engaged in such Work, to which cost shall be added twenty percent (20%) of the sum thereof.
 - 2. Bond, Insurance, Tax, Welfare Fund and other Payments. The Contractor will receive the actual cost of Contractor's bond, public liability and property damage insurance, workmen's compensation insurance, social security tax, welfare fund and other payments, if any, in accordance with agreements applicable to the Contract, required for force account work, to which no percentage shall be added. The Contractor shall furnish satisfactory evidence of the rate or rates paid for such bond, insurance tax, welfare fund and other payments.
 - 3. Materials. The Contractor will receive the actual cost for all materials which are an integral part of the finished Work, including freight charges as shown by the original receipted bills, to which shall be added fifteen percent (15%) of the sum thereof.

The Contractor will be reimbursed for any materials used in the construction of the Work, such as sheeting, false work, form lumber, curing materials, etc., which are not an integral part of the finished Work. The amount of reimbursement shall be agreed upon in writing before such Work is begun, and no percent shall be added. The salvage value of such materials shall be taken into consideration in the reimbursement agreed upon.
 - 4. Equipment. Machinery and equipment, which the Contractor has on the job for use on contract items, shall be used on extra Work as deemed necessary or desirable. The Contractor will be paid for all machinery and equipment used on extra work in accordance with the latest revision of "SCHEDULE OF AVERAGE ANNUAL EQUIPMENT CITYSHIP EXPENSE WITH OPERATING COST" as issued by the Department of Transportation, State of Illinois, for the period that said machinery and equipment are in use on such Work, to which no percent shall be added. In the event that

equipment is used which is not included in aforesaid publication, the latest edition of the "Compilation of Nationally Averaged Rental Rates for Construction Equipment" compiled by Equipment Distributors, 615

West 22nd Street, Oak Brook, Illinois 60521, shall be used to determine equipment rental rates and no percent shall be added to the rates indicated in such publication.

9-5 PAYMENT FOR SUBCONTRACTING, EXTRA WORK

Where an authorized subcontractor performs some or all of the Work qualifying as an Extra Work item and compensation is to be based on the terms of paragraph 9-4 (2), the cost of labor, bonds, material and equipment shall be the cost to the subcontractor on these items and an additional allowance to the prime Contractor of five percent (5%) of all costs as determined in paragraph 9-4 (2) shall be made in such instances.

9-6 PARTIAL PAYMENTS

Once each month, the Contractor will make an approximate estimate, in writing, of the materials in place complete, the amount of Work performed, and the value thereof, at the contract unit prices. From the amount so determined of completed work there shall be deducted ten percent (10%) to be retained until after the completion of the entire Work to the satisfaction of the City, and the balance certified to the City for payment.

In addition, an estimate may, at the discretion of the City and upon presentation of receipted bills and freight bills, be made for payment of the value of acceptable non-perishable materials delivered at the Work site or in acceptable storage places and not used at the time of such estimate. The care and storage of such material shall be the Contractor's responsibility. In the absence of receipted bills, an estimate may, at the request of the Contractor and at the discretion of the City, be made for payment of the value of materials in acceptable storage places and not used at the time of the estimate, but in such an event payment shall be made of such amounts by a check requiring the endorsement of both the Contractor and materials supplier. Endorsement of such a check by the material supplier shall be construed a waiver of lien for the cost of materials covered by the check. Such materials, when so paid for by the City, shall become the property of the City, and in the event of default on the part of the Contractor, the City may use or cause to be used such materials in the construction of the Work provided for in the Contract. The amount thus paid by the City shall be deducted from estimates due the Contractor as the material is used in the Work.

9-7 ACCEPTANCE AND FINAL PAYMENT

Whenever the Work provided for by the Contract shall have been completely performed on the part of the Contractor, and all parts of the Work have been deemed to be in substantial compliance with the Plans and Specifications by the Engineer and accepted by the City, a final estimate showing the value of the Work will be prepared by the Engineer as soon as the necessary measurements and computations can be made, all prior estimates upon which payments have been made being approximate only and subject to correction in the final payment. The amount of this estimate, less any sums that have been deducted or retained under the provisions of the Contract, will be paid to the Contractor as soon as practicable after the final acceptance, provided the Contractor has furnished to the City satisfactory evidence that all sums of money due for any labor, materials, apparatus, fixtures, or machinery furnished for the

purpose of such Work have been paid or that the person or persons to whom the same may be due have consented to such final payment.

Neither the final payment on this contract by the City nor any provisions in the contract documents shall relieve the Contractor of the responsibility for negligence in the furnishing and installation of faulty materials or for faulty workmanship which shows up within the extent and period provided by law or within the guarantee period of one (1) year from final acceptance of the work performed under this Contract, whichever is greater, nor of the responsibility of remedying such faulty workmanship and materials.

The acceptance by the Contractor of the final payment shall constitute a release and waiver of all claims by the Contractor except those previously made and still unsettled.

9-8 CITY'S RIGHT TO WITHHOLD CERTAIN AMOUNTS

The City may withhold, in addition to retained percentages, from payment to the Contractor, such an amount or amounts as may be necessary to cover:

- A. Payments that may be earned or due for just claims for labor and materials furnished in and about the Work.
- B. For defective Work not remedied.
- C. For failure of the Contractor to make proper payments to his subcontractors.
- D. For reasonable doubt that the contract can be completed for the balance then unpaid.

The City will disburse and shall have the right to act as agent for the Contractor in disbursing such funds as have been withheld pursuant to this paragraph to the party or parties who are entitled to payment therefrom. The City will render to the Contractor a proper accounting of all such funds disbursed on behalf of the Contractor.

The City also reserves the right, even after full completion and acceptance of the Work, to refuse payment of the final ten percent (10%) due the Contractor, until it is satisfied that all subcontractors, material suppliers, and employees of the Contractor have been paid in full.

9-9 RELEASE OF CLAIMS AND LIENS

Neither the final payment nor any part of the retained percentage shall become due until the Contractor shall deliver to the City a complete release of all claims or liens arising out of this contract, or receipts in full in lieu thereof and, if required in either case, an affidavit that so far as he has knowledge or information the release and receipts include all the labor and materials for which a lien or claim could be filed; but the Contractor may, if a subcontractor refuses to furnish a release or receipt in full, furnish a bond satisfactory to the City to indemnify the City against any claim or lien (in cases where such payment is not already guaranteed by surety bond). If any claim or lien remains unsatisfied after all payments are made, the Contractor shall refund to the City all monies that the latter may be compelled to pay in discharging such a lien, including all costs and a reasonable attorney's fee.

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LR107-4 SPECIAL PROVISION FOR INSURANCE

LR400-3 SPECIAL PROVISION FOR HOT IN-PLACE RECYCLING (HIR) – SURFACE RECYCLING

LR1030-2 SPECIAL PROVISION FOR LOCAL QUALITY ASSURANCE/QUALITY MANAGEMENT QC/QA

SPECIFICATIONS

The following Special Provisions supplement the “Standard Specifications for Road and Bridge Construction”, Adopted January 1, 2022, the latest edition of the “Manual on Uniform Traffic Control Devices for Streets and Highways”, and the “manual of Test Procedures of Materials” in effect on the date of invitation of bids, and the “Supplemental Specifications and Recurring Special Provisions” adopted on January 1, 2026, and applicable IDOT standard details, which apply to and govern the construction of 2026 Roadway Rehabilitation Project, and in case of conflict with any part, or parts, of said Specifications, the said Special Provisions shall take precedence and shall govern.

The City of Crest Hill’s Division 100 located in Tab 1 shall take precedence over Division 100 of the IDOT Standard Specifications.

LOCATION OF IMPROVEMENT

The 2026 Roadway Rehabilitation Project is located at the following locations with the City of Crest Hill, Illinois

Street

Kingsbrook Drive
Longmeadow Drive/Randich Road
Carlton Street
Dundee Drive
Chaney Avenue
Hoffman Street
Elsie Avenue
Foxmeadow Drive
Silver Rock Drive
Foxtail Court
Caton Farm Road

Limits

Borio Drive to North End
Borio Drive to Kingsbrook Drive
Gaylord Road to South End
Carlton Street to Loch Lane
Oakland Avenue to Hoffman Street
Chaney Avenue to Elsie Avenue
Clement Street to Hoffman Street
Springside Drive to Gaylord Road
Springside Drive to Foxmeadow Drive
West End to Silver Rock Drive
500’ West of Oakland to Broadway Street

DESCRIPTION OF IMPROVEMENT

The proposed work is officially known as the **2026 Roadway Rehabilitation Program**. The work to be performed consists of Hot-Mix Asphalt Surface Removal (Edge Grinding), Hot In-Place Asphalt Recycling, Full-Depth Pavement Removal, Hot-Mix Asphalt Surface Course, Hot-Mix Asphalt Binder Course, Hot-Mix Asphalt Base Course Widening, Pavement Patching, Curb and Gutter Removal and Replacement, Driveway Removal and Replacement, Sidewalk Removal and Replacement, and all incidental and collateral work necessary to complete the improvement as shown and described herein.

COMPLETION DATE

All work including punch list/corrective work shall be completed by **November 20, 2026**.

CLARIFICATION OF CONTRACT DOCUMENTS

Any BIDDER in doubt as to the true meaning of any part of the contract documents, shall email all questions to *Alex Schaefer, PE - Christopher B. Burke Engineering, Ltd at aschaefer@cbbel.com*. All questions shall be submitted by **June 19, 2026**. Questions received after this date will not be answered prior to the bid opening.

WATER FOR CONSTRUCTION

Water to be used for construction purposes for the proposed improvements will be available to the CONTRACTOR at the CITY's Public Works' Facility, located at 2090 Oakland Avenue, Crest Hill, Illinois.

WORKING HOURS

All work within the defined limits the project shall be performed between the hours of 7:00 AM and 7:00 PM, Monday through Friday, and between 8:00 AM and 5:00 PM on Saturday, except in an emergency or when specific permission has been granted by the City Engineer. No work is to be performed on Sunday or the holidays of New Year's Day, Memorial Day, 4th of July, Labor Day, Thanksgiving or Christmas Day. The Contractor shall notify the City 24 hours in advance if work is to be performed on Saturdays.

NOTICE

A minimum of five calendar day notice will be given to the CITY prior to starting work, and a minimum seventy-two (72) hour notice will be given to the CITY when restarting work after some absence of work for any reason.

Notify: Ron Wiedeman, PE – City Engineer
City of Crest Hill
(815) 741-5122

TAXES

The CITY is exempt, by law, from paying the following taxes: Federal Excise Tax, Illinois Retailer's Occupation Tax, Use Tax and Municipal Retailers' Occupation Tax on materials and services purchased by the CITY. A copy of the CITY tax-exempt letter will be provided to the successful Bidder when requested.

MATERIAL ORDERS

The Contractor shall order all materials with long lead times within 5 working days from issuance of Notice of Award to minimize any project delays and meet project completion date. **Any issues procuring material shall be brought to the attention of the City and Engineer immediately.**

ESTIMATED QUANTITIES

The quantities included in the bid documents indicate the approximate amount of work to be expected. The actual quantities for various items may vary based on actual field conditions. The City of Crest Hill has budgeted a specific amount of funds for this project. It is recognized that the cost to complete the work at the locations listed within the bid documents may vary from the budgeted amount. Bidders are hereby notified that the City of Crest Hill reserves the right to adjust line items contained in this contract at its sole discretion to keep construction costs near or below the estimated budget. Increases and/or decreases in quantities shall be made in accordance with Section 104.02 of the Standard Specification's and as specified herein. It shall be understood and agreed to that the contract unit prices shall prevail regardless of changes to the contract quantities which may be made subsequent to this contract's award. By submitting a bid, the successful bidder agrees to be bound by said unit prices and will not make claims for adjustments due to work which may be added or deleted from the project.

MAINTENANCE OF ROADWAYS

Effective: September 30, 1985

Revised: November 1, 1996

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

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

STREET CLEANING

If the CONTRACTOR fails to clean the pavement, sidewalk, or parkways on or adjacent to the section under construction to the satisfaction of the CITY at any time during the contract, the CITY will notify the CONTRACTOR at which time the CONTRACTOR will have 24 hours to respond. If the CONTRACTOR fails to respond within 24 hours, an amount of \$500.00 per incident will be deducted from any monies due the CONTRACTOR not as a penalty but as liquidated damages.

STATUS OF UTILITIES

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 City'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.

UTILITIES TO BE ADJUSTED

No known conflicts to be resolved.

UTILITIES TO BE WATCHED AND PROTECTED

No known areas of concern.

The above represents the best information available to the City and is included for the convenience of the bidder. The days required for conflict resolution should be taken into account in the bid as this information has also been factored into the timeline identified for the project when setting the completion date. The applicable portions of the Standard Specifications for Road and Bridge Construction shall apply.

LICENSES AND PERMITS

The Contractor shall be responsible for obtaining applicable licenses, complying with all permits and completing all work in accordance with their provisions. No person shall

construct, install, or repair any items within the City limits unless such person has first obtained or verified to have been obtained by the City the followed permits and licenses:

1. A Illinois Department of Transportation (IDOT) Permit for work at Caton Farm Road and Broadway Street. Contractor shall furnish an IDOT Permit Bond in an amount not to exceed \$30,000.
2. City Business License

City of Crest Hill and/or their consultant shall be responsible for obtaining the above permits, except that the Contractor and all Subcontractors shall be responsible for obtaining a City Business License and providing the necessary bonds for all permits. All work and costs associated with obtaining these items shall be considered included in the cost of contract. No additional compensation shall be made.

SIGN RELOCATE

The CONTRACTOR shall remove and relocate all street signs not indicated for replacement located in or near the construction zone as directed by the CITY. The CONTRACTOR shall be responsible for replacing, at his or her sole expense, any signs damaged during construction and the operation of removing and relocating any signs. The removal and relocation of all existing signs within the construction limits shall not be paid for separately but shall be included in the cost of the contract.

MAILBOX RELOCATION

It shall be the responsibility of the contractor to relocate any mailbox that may pose a conflict with the construction operations. Any mailbox which is to be removed shall be temporarily set in place at the end of each working day. At the end of the construction project, any removed and or relocated mailbox shall be permanently reset in kind and in accordance with CITY and Postal Service Standards. The removal and relocation of mailboxes shall be considered incidental to the contract and done at the sole expense of the CONTRACTOR.

STREET CONSTRUCTION SPECIAL REQUIREMENTS

Time is of the essence to the contract. Any aggregate base course exposed during grinding shall not be permitted to be exposed for more than 72 hours, unless the exposure time is extended in writing by the ENGINEER for a cause listed and pursuant to the procedure set forth in Article 108.08 of the STANDARD SPECIFICATIONS. Should the CONTRACTOR fail to pave over the exposed aggregate base course within 72 hours or within such extended time as may have been allowed, the CONTRACTOR shall be liable and shall pay to the CITY the sum of \$5,000 per calendar day per occurrence, not as a penalty but as liquidated damages, for each day of overrun past the original 72 hour period or such extended time as may have been allowed to complete any such work. The liquidated damage amount establishes the cost to account for possible increased future maintenance or premature replacement costs, administration, engineering, liability, emergency response, inspection, and supervision during periods of extended and delayed performance. The costs of delay represented by the liquidated damage amount are understood to be a fair and reasonable estimate of the costs that will be borne by the CITY during extended and delayed performance by the CONTRACTOR of the work, remaining incidental work, correction of work improperly completed, or repair of work damaged as a result of the

CONTRACTOR. The CITY will deduct these liquidated damages from any monies due or to become due to the CONTRACTOR from the CITY.

All concrete curb and gutter crossing driveways and concrete driveway pavement shall be constructed with Hi-Early strength PCC and shall be permitted to cure for a minimum of 24-hours. All other concrete curb and gutter shall be permitted to cure for a minimum of 72 hours. The CONTRACTOR shall complete the work to remove and replace the concrete curb and gutter and concrete driveways (removal, framing, pouring and curing) within five calendar days for Hi-Early strength concrete and seven calendar days for all other concrete, unless the concrete curb and gutter and concrete driveway completion time is extended in writing by the ENGINEER for a cause listed and pursuant to the procedure set forth in Article 108.08 of the Standard Specifications. All concrete curb and driveways shall be removed and replaced prior to pavement removal or surface removal.

The CONTRACTOR shall tack coat streets on the same day that the street is to be paved. The CONTRACTOR shall not tack coat any street prior to the day on which the street is to be paved.

For each street within the project area, the CONTRACTOR shall complete the placement of HMA Surface Course within three (3) weeks of the completion of the HMA Recycling or HMA Binder Course placement on that street, unless permitted otherwise by the CITY.

For each street, all paving operations (Surface Course, HMA Recycling, HMA Binder, etc.) shall be completed the day it is started. However, the CONTRACTOR will not be permitted to place more than one lift of a particular course per day due to the potential damages caused by heavy equipment. Also, no cold joints shall be permitted within any course.

The CONTRACTOR shall sequence widening operations on Caton Farm Road so that all pavement removal, excavation, aggregate subgrade improvement installation and HMA base course placement for the excavated section is completed in the same day. The contractor shall only remove pavement and excavate for widening segments that can be completed in a single day. All costs associated with this work shall be included in the applicable widening pay items and no additional compensation shall be allowed. No drop-offs greater than 12-inches shall be left within 8' of the traveled way when workers are not present. The CONTRACTOR shall keep 10-foot wide minimum lane widths on Caton Farm Road at all times. A work zone speed limit of 25 miles per hour may be posted on Caton Farm Road during widening operations. This work shall be included in the cost of the applicable widening and traffic control pay items and no additional compensation shall be allowed for meeting these requirements.

The CONTRACTOR shall coordinate operation around the garbage pick-up schedule. Paving operations and concrete operations may be limited, due to garbage pick-up, at the discretion of the ENGINEER. The typical garbage pick-up schedule may be found at <https://www.cityofcresthill.com/169/Waste-Recycling>.

VIDEO RECORDING CONSTRUCTION ROUTE

Prior to the start of any construction or excavation, the CONTRACTOR shall video record the existing conditions in the area of the construction route. The CONTRACTOR shall

supply the ENGINEER with a copy the video prior to starting construction. The video shall include the following:

- Full right-of-way
- Parkway condition
- Pavement condition
- Curb condition
- Driveway condition
- Existing manholes
- Fire hydrants
- Fences
- Trees and landscaped areas

The recording shall take place after JULIE utility markings have been placed, but prior to any material or equipment is delivered to site.

The video recordings shall also supply a continuous audio record of the location (preferably with address), all anticipated problem areas, items, and features for the complete area to be affected by the construction.

Video will be high definition, with a minimum resolution of 1280 × 720 pixels per frame. Video will be filmed in a landscape aspect ratio. Video filmed in a portrait aspect ratio will be considered unacceptable and will be rejected.

Preconstruction video recordings will be provided as electronic files of .avi, .mp4, .m4v, .mkv, .wmv, or .mpg file format, or of such other file format as may be approved by ENGINEER. Preconstruction video recordings will be provided as independent digital container format files, which container files will include all video, audio, and other electronic information necessary to view the preconstruction video recording as intended.

Video DVD will be considered an unacceptable format for providing preconstruction video recordings, and will be rejected.

Preconstruction video recording electronic files will be provided on a portable electronic media device or devices of one of the following types: USB flash drive, SD flash memory card, CF flash memory card, data DVD, external hard drive, or such other portable electronic media device as may be approved by ENGINEER. Preconstruction video recording electronic files may also be provided via online file sharing, cloud storage, File Transfer Protocol (FTP), or other online or network file transfer methods if approved by ENGINEER.

Preconstruction video recording electronic files will be accompanied by corresponding logs which document the dates, times, and locations covered by each preconstruction video recording electronic file.

The audio portion of the composite signal shall be sufficiently free of electrical interference, background noise, and heavy foreign or regional accents to provide an oral report that is clear and complete and easily discernible. The audio portion of the video report shall be recorded by the operating technician on the video as they are being produced and shall include references to the street address and type of construction to be performed at the site as specified in the plans. Audio comments pertaining to special circumstances, which may arise during the excavation, shall also be included. Dubbing the audio information onto the video tract after the video is completed will not be permitted.

The surface condition of excavated areas after final restoration shall be the same or better than the pre-construction site conditions as shown in the video.

The cost of video and log preparation shall not be compensated for separately but shall be included in the cost of the contract.

CONSTRUCTION DEBRIS

Add the following to the third paragraph of Article 202.03 of the STANDARD SPECIFICATIONS:

"The CONTRACTOR shall not conduct any generation, transportation, or recycling of construction or demolition debris, clean or general or uncontaminated soil generated during construction, remodeling, repair, and demolition of utilities, structures, and roads that is not commingled with any waste, without the maintenance of documentation identifying the hauler, generator, place of origin of the debris or soil, the weight or volume of the debris or soil, and the location, owner, and operator of the facility where the debris or soil was transferred, disposed, recycled or treated. This documentation must be maintained by the CONTRACTOR for 3 years."

Additionally, the following shall apply to this project:

All removal or excavation items being disposed of at an uncontaminated soil fill operation or Clean Construction and Demolition Debris (CCDD) fill site shall meet the requirements of Public Act 96-1416. All costs associated with meeting these requirements shall be included in the unit price for the associated items in the contract that require removal and disposal of CCDD and uncontaminated soil. These costs shall include but are not limited to all required testing, lab analysis, certification by a licensed professional engineer, state and local tipping fees.

PROTECTION OF TREES AND SHRUBS

This work shall be completed in accordance with Section 201 of the STANDARD SPECIFICATIONS. Every effort shall be made by the CONTRACTOR when working near trees and shrubs to preserve them from harm. The CONTRACTOR shall be responsible for damage to or loss of any tree or shrub not specifically designated to be removed.

Wherever trees that are not designated for removal interfere with normal excavation procedures, the following shall govern. No machine excavation shall be made within a distance of three tree trunk diameters or 12 inches (whichever is greater) of any tree, and no roots over 2 inches in diameter shall be cut unless, in the opinion of the ENGINEER, it is impossible to complete the work without cutting. Excavation closer than three trunk diameters or 12 inches (whichever is greater) from any tree shall be made by hand, and the tree shall be tunneled where necessary as determined by the ENGINEER.

Damage to tree limbs shall be held to a minimum. Shrubs and tree limbs shall be tied back wherever necessary to prevent their loss or damage. Wherever damage by construction equipment to limbs and branches is unavoidable, they shall be pruned before starting work and sealed in accordance with best forestry practice.

Wherever necessary, the CONTRACTOR shall provide plank wrappers wired in place to protect tree trunks from being damaged by trench machinery, tractors or trucks.

Protective planking shall be removed as soon as practical after the work in the vicinity has been completed. In removing spoil banks from around trees, hand work will be required as necessary to prevent damage to the trunks by construction machinery.

Small trees (less than 4 inches in diameter) and shrubs which are removed or severely damaged during construction shall be replaced in kind and size by the CONTRACTOR. Trees larger than 1 inch in diameter shall be furnished balled and burlapped. The CONTRACTOR shall have the option of removing and replanting existing small trees and shrubs in the construction zone in lieu of replacement with new stock. All plantings shall be thoroughly watered at the time of planting and thereafter as required. All trees and shrubs planted or replanted by the CONTRACTOR which do not survive in good condition for a period of 18 months after the time of planting, shall be removed and replaced by the CONTRACTOR.

Damages at the rate of one hundred dollars (\$100.00) per inch of trunk diameter shall be charged against the CONTRACTOR for unauthorized removal or destruction of any tree 4 inches in diameter or larger.

Basis of Payment. This work shall not be paid for separately but rather shall be included in the cost of the items for which this work applies.

CONSTRUCTION NOTICES

It shall be the CONTRACTOR's responsibility to produce and distribute all construction notifications to residents/businesses. This work will not be measured for payment but shall be included in the total contract cost. The construction notices shall be reviewed and approved by the ENGINEER prior to being distributed. Notices shall be issued at various project stages as required by the ENGINEER.

The CONTRACTOR will also be responsible for distributing and/or redistributing notices in case of any delays due to inclement weather or for any other reason for extended stoppages (i.e. strikes) in the construction schedule.

Temporary "No Parking" signs shall be placed on streets a minimum of twenty-four (24) hours prior to working on a street. Signs shall be mounted to existing posts or wooden stakes along the back of curb a minimum of every 150 feet, unless otherwise approved by the CITY. The CONTRACTOR shall be responsible for removing the "No Parking" signs when construction operations are not occurring.

Should the CONTRACTOR fail to distribute or post notices per the request of the CITY, the CONTRACTOR shall pay to the CITY the sum of \$250 per incident, not as a penalty, but as liquidated damages.

Basis of Payment. This work shall not be paid for separately but rather shall be included in the total contract cost.

MOBILIZATION

This work shall be done in accordance with Section 671 of the STANDARD SPECIFICATIONS except as modified herein.

Basis of Payment. This work shall not be paid for separately, but rather shall be included in the total contract cost.

SAW CUTTING

All existing pavement to be removed shall be sawcut at neat lines. All trenches in paved areas shall be sawcut. The concrete saw shall be equipped with a diamond blade of sufficient size to saw pavements full-depth and be capable of accurately maintaining cutting depth. The CONTRACTOR shall use water for all saw cutting operations to minimize the amount of dust created. Should the contractor fail to use water when saw cutting, the CONTRACTOR shall pay to the CITY the sum of \$250.00 per incident, not as a penalty, but as liquidated damages.

Basis of Payment. This work will not be paid for separately but shall be included in the cost of the items for which this work applies.

EARTH EXCAVATION (WIDENING)

Description. This item shall be completed in accordance with the applicable portions of Section 202 of the Standard Specifications with the following general additions. This work shall include removal of all earth material necessary to construct the proposed widening improvements to the grades shown or as directed by the Engineer. Earth Excavation (Widening) will also include the removal and disposal of all topsoil, unsuitable materials, aggregate base courses, aggregate sub-bases and aggregate surfaces and shoulders required for widening operations. Earth excavation will not include removal items for existing bituminous and concrete pavements, curb and sidewalk.

For this project, it is the intention of this specification to pay for the handling of earthwork material only once, regardless of staging or Contractor's operations.

Method of Measurement. This work shall be measured in accordance with article 202.07(b) of the Standard Specifications.

Basis of Payment. This work will be paid for at the contract unit price per cubic yard of EARTH EXCAVATION (WIDENING).

POROUS GRANULAR EMBANKMENT

This work consists of furnishing, placing, and compacting porous granular material to the lines and grades as directed by the ENGINEER in accordance with applicable portions of Section 207 of the STANDARD SPECIFICATIONS. The material shall be used as a bridging layer over soft, pumpy, loose soil and for placing under water and shall conform with Article 1004.05 of the STANDARD SPECIFICATIONS except the gradation shall be as follows:

1. Crushed Stone, Crushed Blast Furnace Slag, and Crushed Concrete

<u>Sieve Size</u>	<u>Percent Passing</u>
* 6"	97 $\pm$ 3
* 4"	90 $\pm$ 10
2"	45 $\pm$ 25
#200	5 $\pm$ 5

2. Gravel, Crushed Gravel and Pit Run Gravel

<u>Sieve Size</u>	<u>Percent Passing</u>
* 6"	97 $\pm$ 3
* 4"	90 $\pm$ 10
2"	55 $\pm$ 25
#4	30 $\pm$ 20
#200	5 $\pm$ 5

9. For undercuts greater than 18" the percent passing the 6" sieve may be 90 $\pm$ 10 and the 4" sieve requirements eliminated.

At the ENGINEER's discretion, CA-1 (3" stone) shall replace the gradations listed above.

The porous granular material shall be placed in one lift when the total thickness to be placed is 2' thick or less or as directed by the CITY. Each lift of the porous granular material shall be rolled with a vibratory roller meeting the requirements of Article 1101.01 of the STANDARD SPECIFICATIONS to obtain the desired keying or interlock and compaction. The CITY shall verify that adequate keying/compaction has been obtained.

The porous granular material shall be from an approved source and shall contain any demolition debris including but not limited to rebar and wire mesh. The CONTRACTOR shall inspect and remove any debris before construction use. The presence of insufficient material shall give the CITY and ENGINEER cause to reject all material with no compensation to the CONTRACTOR.

A 3" nominal thickness top lift of capping aggregate having a gradation of CA-6 will be required when Aggregate Subgrade is not specified in the contract and Porous Granular Embankment will be used under the pavement and shoulders. Capping aggregate will not be required when embankment meeting the requirements of Section 207 of the STANDARD SPECIFICATIONS or granular subbase is placed on top of the porous granular material.

Construction equipment not necessary for the completion of the replacement material will not be allowed on the undercut areas until completion of the recommended thickness of the porous granular embankment subgrade.

Full depth subgrade undercut should occur at limits determined by the ENGINEER. A transition slope to the full depth of undercut shall be made outside of the undercut limits at a taper of 1' longitudinal per 1" depth below the proposed subgrade or bottom of the proposed aggregate subgrade when included in the contract.

Basis of Payment. This work shall be paid for at the contract unit price per cubic yard for POROUS GRANULAR EMBANKMENT which price shall include the capping aggregate, when required.

The Porous Granular Embankment shall be used as field conditions warrant at the time of construction. No adjustment in unit price will be allowed for an increase or decrease in quantities from the estimated quantities shown on the plans.

GRADING AND SHAPING DITCHES

Description. This work shall consist of grading existing ditches and/or parkways to the lines and grades as shown on the typical sections and as directed by the engineer to accommodate proposed widening and/or to provide positive drainage in accordance with Section 214 of the Standard Specifications. Shaping of the ditches shall be done to the satisfaction of the engineer and the disturbed areas shall be prepared for parkway restoration. All material used to fill and shape the ditches/parkways shall be clean fill material void of any rocks or debris. The fill material shall be subject to the acceptance of the Engineer. **The grading and shaping of the ditches and parkways shall be compacted to the satisfaction of the engineer prior to the application of the topsoil and seeding.** All excess excavated material, including unsuitable material shall be removed from site and disposed of.

Basis of Payment. This work shall be paid for at the contract unit price per foot for GRADING AND SHAPING DITCHES, whose price shall include the removal and disposal of excess material, importing of additional furnished excavation as required, compacting, grading, and shaping of the ditches/parkway to the satisfaction of the engineer.

AGGREGATE SUBGRADE IMPROVEMENT

Effective: February 22, 2012

Revised: December 1, 2021

Add the following Section to the Standard Specifications:

“SECTION 303. AGGREGATE SUBGRADE IMPROVEMENT

303.01 Description. This work shall consist of constructing an aggregate subgrade improvement.

303.02 Materials. Materials shall be according to the following.

Item	Article/Section
(a) Coarse Aggregate	1004.07
(b) Reclaimed Asphalt Pavement (RAP) (Notes 1, 2 and 3)	1031

Note 1. Crushed RAP, from either full depth or single lift removal, may be mechanically blended with aggregate gradation CS 01 but shall not exceed 40 percent by weight of the total product. The top size of the Coarse RAP shall be less than 4 in. (100 mm) and well graded.

Note 2. RAP having 100 percent passing the 1 1/2 in (37.5 mm) sieve and being well graded, may be used as capping aggregate in the top 3 in. (75 mm) when aggregate gradation CS 01 is used in lower lifts. When RAP is blended with any of the coarse aggregates, the blending shall be done with mechanically calibrated feeders. The final product shall not contain more than 40 percent by weight of RAP.

Note 3. The RAP used for aggregate subgrade improvement shall be according to the current Bureau of Materials Policy Memorandum, "Reclaimed Asphalt Pavement (RAP) for Aggregate Applications".

303.03 Equipment. The vibratory machine shall be according to Article 1101.01, or as approved by the Engineer. The calibration for the mechanical feeders shall have an accuracy of ± 2.0 percent of the actual quantity of material delivered.

303.04 Soil Preparation. The stability of the soil shall be according to the Department's Subgrade Stability Manual for the aggregate thickness specified.

303.05 Placing Aggregate. The maximum nominal lift thickness of aggregate gradation CS 01 shall be 24 in. (600 mm).

303.06 Capping Aggregate. The top surface of the aggregate subgrade shall consist of a minimum 3 in. (75 mm) of aggregate gradations CA 06 or CA 10. When Reclaimed Asphalt Pavement (RAP) is used, it shall be crushed and screened where 100 percent is passing the 1 1/2 in. (37.5 mm) sieve and being well graded. RAP that has been fractionated to size will not be permitted for use in capping. Capping aggregate will not be required when the aggregate subgrade improvement is used as a cubic yard pay item for undercut applications. When RAP is blended with any of the coarse aggregates, the blending shall be done with mechanically calibrated feeders.

303.07 Compaction. All aggregate lifts shall be compacted to the satisfaction of the Engineer. If the moisture content of the material is such that compaction cannot be obtained, sufficient water shall be added so that satisfactory compaction can be obtained.

303.08 Finishing and Maintenance of Aggregate Subgrade Improvement. The aggregate subgrade improvement shall be finished to the lines, grades, and cross sections shown on the plans, or as directed by the Engineer. The aggregate subgrade improvement shall be maintained in a smooth and compacted condition.

303.09 Method of Measurement. This work will be measured for payment according to Article 311.08.

303.10 Basis of Payment. This work will be paid for at the contract unit price per cubic yard (cubic meter) for AGGREGATE SUBGRADE IMPROVEMENT or at the contract unit price per square yard (square meter) for AGGREGATE SUBGRADE IMPROVEMENT, of the thickness specified.

Add the following to Section 1004 of the Standard Specifications:

"1004.07 Coarse Aggregate for Aggregate Subgrade Improvement. The aggregate shall be according to Article 1004.01 and the following.

- (a) Description. The coarse aggregate shall be crushed gravel, crushed stone, or crushed concrete. The top 12 inches of the aggregate subgrade improvement shall be 3 inches of capping material and 9 inches of crushed gravel, crushed stone or crushed concrete. In applications where greater than 36 inches of subgrade material is required, rounded gravel, meeting the CS01 gradation, may be used beginning at a depth of 12 inches below the bottom of pavement.
- (b) Quality. The coarse aggregate shall consist of sound durable particles reasonably free of deleterious materials. Non-mechanically blended RAP may be allowed up to a maximum of 5.0 percent.
- (c) Gradation.

- (1) The coarse aggregate gradation for total subgrade thicknesses of 12 in. (300 mm) or greater shall be CS 01.

Grad No.	COARSE AGGREGATE SUBGRADE GRADATIONS				
	Sieve Size and Percent Passing				
	8"	6"	4"	2"	#4
CS 01	100	97 ± 3	90 ± 10	45 ± 25	20 ± 20

Grad No.	COARSE AGGREGATE SUBGRADE GRADATIONS (Metric)				
	Sieve Size and Percent Passing				
	200 mm	150 mm	100 mm	50 mm	4.75 mm
CS 01	100	97 ± 3	90 ± 10	45 ± 25	20 ± 20

The 3 in. (75 mm) capping aggregate shall be gradation CA 6 or CA 10.

Method of Measurement and Basis of Payment. This work will be paid for at the contract unit price per square yard for AGGREGATE SUBGRADE IMPROVEMENT, of the thickness specified.

PORTLAND CEMENT CONCRETE SIDEWALK, 5-INCH (SPECIAL)

This work shall be done in accordance with Sections 424 of the STANDARD SPECIFICATIONS and applicable CITY standard drawings. Expansion joints shall be used wherever the new concrete abuts existing concrete. Sidewalk replacement shall include any necessary earth excavation, the installation of Portland cement concrete sidewalk to a minimum thickness of 5-inches and the placement of 4-inches approved granular material on a compacted subgrade. Sidewalk across driveways shall be 6-inches thick. No separate payment shall be made for increased sidewalk thickness across driveways. 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. Welded wire fabric

and reinforcing bars shall be installed in accordance with the CITY standard detail for sidewalk.

All excavation required to install the new sidewalk at the necessary grade shall be included in this item and no separate payment shall be allowed. This includes when sidewalk is relocated or installed in a new location where sidewalk does not currently exist.

PCC sidewalks across driveways and entrances shall be constructed using Hi-Early Strength Concrete to minimize curing time, unless otherwise allowed by the ENGINEER.

All layout required to set forms and install proposed sidewalk shall be included in the cost of this item. This includes all work required for ADA compliance at curb ramps.

Basis of Payment. This work shall be paid for at the contract unit price per square foot for PORTLAND CEMENT CONCRETE SIDEWALK, 5-INCH (SPECIAL), which price shall include any necessary excavating or filling with compacted granular material as needed to achieve proper grade.

CONCRETE WASHOUT BASIN

Description. This work shall consist of the construction, maintaining, and removal of a concrete washout basin for concrete trucks and other construction vehicles in accordance with the plans and details and as specified herein.

The Contractor shall install a sufficient number of washout basins at the locations indicated on the plans or as depicted by the Engineer. Contractor shall maintain concrete washout facilities including the removal and disposal of hardened concrete and/or slurry and returning the facility to a functional condition. Concrete Washout Basins shall be cleaned or reconstructed in a new area once the washout becomes two-thirds (2/3) full.

The Contractor shall provide a barrier wall washout basin. The proposed basin type shall be approved by the Engineer prior to construction.

Basis of Payment. This work shall not be paid for separately but shall be included in the cost of the contract.

DETECTABLE WARNINGS

This work shall consist of installing truncated dome warning plates in accordance with applicable CITY standard drawings. Plates shall extend across the full width of the sidewalk and shall be placed in a fully ADA-compliant manner in accordance with applicable IDOT Standard Details.

Plates shall be square unless otherwise directed by the ENGINEER. Radial tiles shall be required where dictated by curb ramp geometry and directed by the ENGINEER. The cost of installing plates per manufacturer's recommendations and applicable IDOT Standard Details shall be included in the cost of DETECTABLE WARNINGS. The concrete sidewalk for the ADA ramp will be paid for separately as PORTLAND CEMENT CONCRETE SIDEWALK, 5-INCH (SPECIAL).

The CONTRACTOR shall have the equipment on site to cut the plates to the dimensions depicted by the ENGINEER in the field.

The detectable warning plates shall be by Access Tile, TufTile or Armour Tile (color: Brick Red) and approved by the CITY prior to the CONTRACTOR ordering the materials.

Basis of Payment. This work will be paid for at the contract unit price per square foot for DETECTABLE WARNINGS.

CLASS D PATCHES (SPECIAL)

Work under these items shall be constructed where directed by ENGINEER or as shown on the Drawings in accordance with applicable details, and Section 442 of the STANDARD SPECIFICATIONS with the following modifications:

Saw cutting prior to removal of existing pavement will be completed as specified for SAW CUTTING and shall be included in the cost of pavement patching. A single pay item is established for each type of pavement patch, without regard to size of patch.

Class D patches for streets to be resurfaced shall consist of HMA Binder Course, IL-19.0, N70.

All holes, soft places and other defects in the sub-grade shall be corrected by CONTRACTOR by removing the unstable material, adding sub-base granular material and by re-compacting the sub-grade either by means of a mechanical tamper meeting the approval of ENGINEER, or by hand tamper weighing not less than approximately 0.6 pounds per square inch of tamping face. If the sub-grade is dusty or muddy or improperly compacted, patching operations shall be suspended until the sub-grade is in a condition satisfactory to ENGINEER.

Locations where subgrade is unsuitable for patching shall be excavated in accordance with REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS and backfilled in accordance with POROUS GRANULAR EMBANKMENT at the discretion of the ENGINEER. REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS and POROUS GRANULAR EMBANKMENT shall be paid for separately.

Basis of Payment. This work will be paid for at the Contract Unit Price per square yard for CLASS D PATCHES (SPECIAL) of the thickness specified; measured in place, which prices shall include all labor, material, and equipment necessary to complete the work and dispose of the removed material as described herein. Full depth saw cutting shall be included in this item.

AGGREGATE SHOULDERS, TYPE B

This work shall be done in accordance with Section 481 of the STANDARD SPECIFICATIONS except as modified herein.

Aggregate shoulders shall be installed or re-established as directed by the Engineer to a maximum thickness of 4-inches. Existing shoulder removal and/or excavation required to install new or re-establish existing shoulders shall be included in the cost of this item.

Basis of Payment. This work will be paid for at the contract unit price per cubic yard for AGGREGATE SHOULDERS, TYPE B.

FRAMES AND LIDS

This work shall consist of furnishing and installing new frames and grates/lids on existing drainage and utility structures that are to be adjusted and/or reconstructed as directed by the ENGINEER. Frames and lids shall be furnished and installed in accordance with Section 604 of the Standards Specifications and the corresponding CITY Standards at locations shown on the plans or as directed by the ENGINEER.

Type 1 frames and lids shall be sealed lids and shall have the type of structure (storm, sanitary, water) and "CITY OF CREST HILL" cast into them in accordance with the CITY Standards.

Basis of Payment. This work shall be paid for at the Contract Unit Price per each FRAME AND GRATES, of the type specified, and FRAMES AND LIDS, of the type specified.

TRAFFIC CONTROL PLAN (DISTRICT 1)

Traffic Control shall be according to the applicable sections of the STANDARD SPECIFICATIONS, the Supplemental Specifications, the "Illinois Manual on Uniform Traffic Control Devices for Streets and Highways", any special details and Highway Standards contained in the plans, and the Special Provisions contained herein.

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

STANDARDS:

701301, 701311, 701501, 701701, 701801, 701901

DETAILS:

Traffic Control and Protection for Side Roads, Intersections and Driveways (TC 10), Typical Pavement Markings (TC 13)

SPECIAL PROVISIONS:

Maintenance of Roadways, Vehicle and Equipment Warning Lights (BDE), Work Zone Traffic Control Devices (BDE), LRS-3, LRS-4

All roads shall remain open to traffic. Any road closure shall require the consent of the CITY. The CONTRACTOR shall also maintain entrances and side roads along the proposed improvement. Interference with traffic movements and inconvenience to owners of abutting property and the public shall be kept to a minimum. Any delays or inconveniences caused as a result of the CONTRACTOR complying with these requirements shall be considered as incidental to the contract, and no additional compensation will be allowed. Flaggers shall be provided whenever roads are reduced to one lane.

On two or more lane roads, the CONTRACTOR is to plan his work so that there will be no open holes in the pavement and that all barricades will be removed from the pavement during non-work hours.

The proposed widening and resurfacing work on Caton Farm Road shall be completed with daily lane closures and flaggers in accordance with IDOT Standard 701501, unless otherwise approved by the ENGINEER and City. The CONTRACTOR shall sequence widening operations on Caton Farm Road so that all pavement removal, excavation, aggregate subgrade improvement installation and HMA base course placement is completed in the same day. The contractor shall only excavate widening segments that can be completed in a single day. All costs associated with this work shall be included in the applicable widening pay items and no additional compensation shall be allowed. No drop-offs greater than 12-inches shall be left within 8' of the traveled way when workers are not present. The CONTRACTOR shall keep 10-foot wide minimum lane widths on Caton Farm Road at all times. A work zone speed limit of 25 miles per hour may be posted on Caton Farm Road during widening operations. All traffic control items, daily lane closures, flaggers, barricades, signage, etc. required to complete this work shall be included in the cost of this item.

Temporary and short term pavement marking pay items have been included in the contract to be used on Caton Farm Road.

Basis of Payment. This work shall be paid for at the contract lump sum price for TRAFFIC CONTROL AND PROTECTION, (SPECIAL). All other traffic control and protection necessary to complete the work to the satisfaction of the ENGINEER shall be considered included in this pay items.

AGGREGATE BASE REPAIR (SPECIAL)

This work shall be done in accordance with Section 358 of the STANDARD SPECIFICATIONS except as modified herein.

358.01 Description. Revise this Article to read:

"358.01 Description. This work shall consist of the addition of aggregate as a top dressing material to an existing aggregate base course, where it is necessary to bring the base to the proposed base elevation, on those streets where the entire HMA pavement is to be removed and replaced."

358.02 Materials. Revise this Article to read:

"358.02 Materials. The aggregate materials shall be crushed stone or crushed gravel and have a gradation equal to CA-6 conforming to Section 1004 of the STANDARD SPECIFICATIONS, except that the material shall be crushed stone or crushed gravel."

358.04 Aggregate Bases. Delete reference to Article 358.04 (a).

358.04 Aggregate Bases. Add the following sentence to the first paragraph of Article

358.04 (b): "Fine aggregate screenings shall be used if required for surface stability."

358.06 Method of Measurement. Revise Article 358.06 (b) to read:

"(b) Measured Quantities. The aggregate will be measured for payment in tons according to the requirements of Article 311.08 (b)."

Basis of Payment. This work will be paid for at the contract unit price per ton for AGGREGATE BASE REPAIR (SPECIAL).

Base or subgrade repairs, as referenced in Article 358.04 (b), will be paid for at the contract unit price per cubic yard for REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL and POROUS GRANULAR EMBANKMENT.

PREPARATION OF BASE (SPECIAL)

This work shall be done in accordance with Section 358 of the STANDARD SPECIFICATIONS except as modified herein.

358.04 Aggregate Bases. Add the following sentence to the beginning of the first paragraph of this Article:

"It may be necessary to remove existing aggregate base course in order to establish the proposed base course elevation."

358.04 Aggregate Bases. Delete reference to Article 358.04 (a).

358.04 Aggregate Bases. Add the following sentence to Article 358.04 (b):

"Proof-rolling with a 45,000 pound, rubber-tired vehicle in the presence of the ENGINEER will be necessary to demonstrate that the base is in proper condition for resurfacing."

Basis of Payment. The work in connection with the preparation of bases, will be paid for at the contract unit price per square yard for PREPARATION OF BASE (SPECIAL). This work shall include the removal of existing aggregate base course as necessary to establish the proposed base course elevation.

SANITARY MANHOLES TO BE ADJUSTED

This work shall be done in accordance with Section 602 of the STANDARD SPECIFICATIONS and applicable CITY standard drawings and shall consist of the adjustment of sanitary manholes and furnishing and installing a new type 1 frame, closed lid. Non-hardening butyl rubber mastic sealant; minimum thickness 1/4 inch, shall be used between adjusting rings in place of mortar, or as required by the Owner of the Sanitary Sewer. In locations where existing external frame seals exist, it shall be removed and disposed of and an internal/external frame seal shall be installed. In locations where internal frame seals exist, it shall be removed and disposed of and an

internal/external frame seal shall be installed. In locations where there are no existing frame seals, an internal/external frame seal shall be installed. The installation of the internal/external frame seal will not be paid for separately and will be considered incidental to this pay item. Type 1 frames, if required, and lids shall be paid for separately.

The Internal/External Frame seal shall consist of the following:

- (A) Provide frame seals consisting of a flexible internal rubber sleeve, rubber ring, and external rubber sleeve and extension, and stainless steel compression bands.
- (B) Rubber sleeve, ring, butyl tape, and extension:
 - (1) Provide rubber sleeve and extension complying with ASTM D412 and ASTM D2240.
 - (2) Provide rubber ring complying with ASTM D-2000.
 - (3) Provide butyl tape: Comply with 1000% minimum webbing @ 77 degrees F, 500% minimum elongation @ 32 degrees F, and maximum 75 psi compressibility @ 77 degrees F.
 - (4) Provide sleeve with a minimum thickness of 0.062" and unexpanded external vertical heights of 10 to 12 inches.
 - (5) Provide extension having a minimum thickness of 0.062".
 - (6) Comply with a minimum 1500 psi tensile strength, maximum 18 percent compression set and a hardness (durameter) of 48±5.
- (C) Compression band:
 - (1) Provide compression band to compress the sleeve against the manhole.
 - (2) Use 16 gauge stainless steel conforming to ASTM A240 Type 304 with no welded attachments and having a minimum width of 1/2-inch.
 - (3) Make a watertight seal having a minimum adjustment range of 2 diameter inches.
 - (4) Provide stainless steel screws, bolts, and nuts conforming to ASTM F593 and 594, Type 304.
- (D) Or as required by the Owner of the sanitary sewer system.

The Internal/External Frame Seal shall be installed as follows:

- (A) Install internal/external rubber gasket on the manhole chimney.
 - (1) Provide watertight gasket to eliminate leakage between the internal/external frame seal and the adjusting ring and between each adjusting ring down to and including cone section.
- (B) Clean surface and prepare the lower 2 inches of the manhole frame and exterior of all adjusting rings and cone section/corbel surfaces.
- (C) Install internal rubber gasket in accordance with manufacturer's recommendations.
 - (1) Field verify for suitable dimensions and layout before

- installation.
- (2) Realign frame as required.
- (D) Repair and apply mortar grout to the adjusting rings as required to provide a smooth, circular surface for the external rubber gasket.
- (E) Install external rubber gasket in accordance with manufacturer's recommendations.
 - (1) Field verify for suitable dimensions and layout before installation.
 - (2) Utilize sealing caulk where required.
 - (3) Provide chimney seal extensions as required.
- (F) Test installation by flooding area around the manhole with water before backfilling and surface restoration.
 - (1) Gaskets are required to provide watertight seal at openings between the frame and adjusting rings and between adjacent adjusting rings down to the cone/corbel section.
- (G) Reinstall and retest failing gaskets at no additional cost to Owner
- (H) Or as required by the Owner of the sanitary sewer system.

Basis of Payment. This work shall be paid for at the contract unit price per each of SANITARY MANHOLES TO BE ADJUSTED, which price shall include all of the above, except type 1 frame and lids shall be paid for separately.

DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING, & PATCHING OPERATIONS)

Effective: January 1, 1985

Revised: March 1, 2024

886.02TS

The following Traffic Signal Special Provisions and the "District 1 Standard Traffic Signal Design Details" supplement the requirements of the State of Illinois "Standard Specifications for Road and Bridge Construction" Sections 810, 886, 1079 and 1088.

The intent of this Special Provision is to prescribe the materials and construction methods commonly used to replace traffic signal detector loops and replace magnetic signal detectors with detector loops during roadway resurfacing, grinding and patching operations. Loop detector replacement will not require the transfer of traffic signal maintenance from the District Electrical Maintenance Contractor to this Contract's electrical contractor. Replacement of magnetic detector will require wiring revisions inside the control cabinet and therefore the transfer of maintenance will be required. All material furnished shall be new. The locations and the details of all installations shall be as indicated on the Plans or as directed by the Engineer.

The work to be provided under the Contract consists of furnishing and installing all traffic signal work as specified on the Plans and as specified herein in a manner acceptable and approved by the Engineer.

Notification of Intent to Work.

Contracts such as pavement grinding or patching which result in the destruction of traffic signal detection require a notification of intent to work and an inspection. A minimum of

seven (7) working days prior to the detection removal, the Contractor shall notify the Area Traffic Signal Maintenance and Operations Engineer.

Failure to provide proper notification may require the District's Electrical Maintenance Contractor to be called to investigate complaints of inadequate traffic signal timing. All costs associated with these expenses will be paid for by the Contractor at no additional expense to the Department according to Section 109 of the Standard Specifications.

Removal, Disposal and Salvage of Existing Traffic Signal Equipment.

The removal, disposal, and salvage of existing traffic signal equipment shall be included in the cost of this item. All material and equipment removed shall become the property of the Contractor and disposed of by the Contractor outside the State's right-of-way. No additional compensation shall be provided to the Contractor for removal, disposal or salvage expense for the work in this contract.

DETECTOR LOOP REPLACEMENT.

This work shall consist of replacing existing detector loops which are destroyed during grinding, resurfacing, or patching operations.

If damage to the detector loop is unavoidable, replacement of the existing detection system will be necessary. This work shall be completed by an approved Electrical Contractor as directed by the Engineer.

Replacement of the loops shall be accomplished in the following manner: The Area Traffic Signal Maintenance and Operations Engineer shall be called to approve loop locations prior to the cutting of the pavement. The Contractor may reuse the existing coillable non-metallic conduit (CNC) located between the existing handhole and the pavement if it hasn't been damaged. CNC meeting the requirements of NEC Article 353 shall be used for detector loop raceways to the handholes. All burrs shall be removed from the edges of the existing conduit which could cause damage to the new detector loop during installation. If the existing conduit is damaged beyond repair, if it cannot be located, or if additional conduits are required for each proposed loop, the Contractor shall be required to drill through the existing pavement into the appropriate handhole and install 1 in. (25 mm) CNC. This work and the required materials shall not be paid for separately but shall be included in the pay item Detector Loop Replacement. Once suitable CNC raceways is established, the loop may be cut, installed, sealed and spliced to the twisted-shielded lead-in cable in the handhole.

All loops installed in new asphalt pavement shall be installed in the binder course and not in the surface course. The edge of pavement or the curb shall be cut with a 1/4 in. (6.3 mm) deep x 4 in. (100 mm) saw-cut to mark location of each loop lead-in.

A minimum of seven (7) working days prior to the Contractor cutting loops, the Contractor shall have the proposed loop locations marked and contact the Area Traffic Signal Maintenance and Operations Engineer to inspect and approve the layout.

Loop detectors shall be installed according to the requirements of the "District 1 Standard Traffic Signal Design Details." Saw-cuts from the loop to the edge of pavement shall be made perpendicular to the edge of pavement when possible in order to minimize the length of the saw-cut unless directed otherwise by the Engineer or as shown on the plan.

The detector loop cable insulation shall be labeled with the cable specifications.

Each loop detector lead-in wire shall be labeled in the handhole using a waterproof tag secured to each wire with nylon ties. The lead-in wire, including all necessary connections for proper operation, from the edge of pavement to the handhole, shall be included in the detector loop pay item.

Loop sealant shall be a two-component thixotropic chemically cured polyurethane. The sealant shall be installed 1/8 in. (3 mm) below the pavement surface. If installed above the surface the excess shall be removed immediately.

Round loop(s) 6 ft (1.8 m) in diameter may be substituted for 6 ft (1.8 m) x 6 ft (1.8 m) square loop(s) and shall be paid for as 24 ft (7.2 m) of detector loop.

Resistance to ground shall be a minimum of 500 mega-ohms under any conditions of weather or moisture. Inductance shall be more than 50 and less than 700 microhenries.

Heat shrink splices shall be used according to the "District 1 Standard Traffic Signal Design Details."

Detector loop replacement shall be measured along the sawed slot in the pavement containing the loop cable up to the edge of pavement, rather than the actual length of the wire in the slot. Drilling handholes, sawing the pavement, furnishing and installing CNC to the appropriate handhole, cable splicing to provide a fully operable detector loop, testing and all trench and backfill shall be included in this item.

Basis of Payment.

Detector Loop Replacement shall be paid for at the Contract unit price per foot (meter) of DETECTOR LOOP REPLACEMENT.

MAGNETIC DETECTOR REMOVAL AND DETECTOR LOOP INSTALLATION.

This work shall consist of the removal of existing magnetic detectors, magnetic detector lead-in cable and magnetic detection amplifiers and related control equipment wiring, installation of detector lead-in cable, detector loops, detector amplifiers and related equipment wiring. The detector loop, cable, and amplifier shall be installed according to the applicable portions of the Standard Specifications and the applicable portions of the Special Provision for "Detector Loop Replacement." All drilling of handholes, furnishing and installing CNC, cable splicing, trench and backfill, removal of equipment, and removing cable from conduit shall be included in this item.

Basis of Payment.

Magnetic Detector Removal and Detector Loop Installation shall be paid for at the contract unit price per foot (meter) for DETECTOR LOOP, TYPE I, per each for INDUCTIVE LOOP DETECTOR, and foot (meter) for ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR.

CONSTRUCTION LAYOUT

CONTRACTOR shall provide field forces, equipment and materials to set all additional stakes for this project, which are needed to establish offset stakes, reference points, and any other horizontal or vertical controls, including supplementary benchmarks, necessary to secure a correct layout of the work. Stakes for line and grade shall be set at sufficient

station intervals (not to exceed 15 m (50 ft.)) to assure substantial conformance to plan line and grade. CONTRACTOR will not be required to set additional stakes to locate a utility line which is not included as a pay item in the contract.

CONTRACTOR shall be responsible for having the finished work substantially conform to the lines, grades, elevations and dimensions called for in the plans. Any inspection of checking of CONTRACTOR's layout by the ENGINEER and the acceptance of all or any part of it shall not relieve the CONTRACTOR of his/her responsibility to secure the proper dimension, grades and elevations of the several parts of the work. CONTRACTOR shall exercise care in the preservation of stakes and benchmarks and shall have them reset at his/her expense when any are damaged, lost, displaced or removed or otherwise obliterated.

Responsibility of the ENGINEER

- a. The ENGINEER will locate and reference the baseline.

Locating and referencing the baseline of survey will consists of establishing and referencing the control points of the baseline of surveys such as PC's, PT's and as many POT's as are necessary to provide a line of sight.

- b. Benchmarks will be established along the project outside of the construction lines not exceeding 300 m (1,000 ft.) intervals horizontally and 6 m (20 ft.) Vertically.
- c. Stakes set for (a) and (b) above will be identified in the field to the CONTRACTOR.
- d. The ENGINEER will make random checks of the CONTRACTOR's staking to determine if the work is in substantial conformance with the plans. Where the CONTRACTOR's work will tie into work that is being or will be done by others, checks will be made to determine if the work is in conformance with the proposed overall grade and horizontal alignment.
- e. The ENGINEER will set all stakes for utility adjustment for building fences along the right of way line by parties other than the CONTRACTOR.
- f. The ENGINEER will make all arrangements and take all cross sections from which the various pay items are to be measured.
- g. Where the CONTRACTOR, in setting construction stakes, discovers discrepancies, the ENGINEER will check to determine their nature and make whatever revisions are necessary in the plans, including the recross-sectioning of the area involved. Any additional restaking required by the ENGINEER will be the responsibility of the CONTRACTOR. The additional restaking done by the CONTRACTOR will be paid for in accordance with 109.04 of the STANDARD SPECIFICATIONS.

- h. The ENGINEER will accept responsibility for the accuracy of the initial control points as provided herein.
- i. It is not the responsibility of the ENGINEER, except as provided herein, to check the correctness of the CONTRACTOR's stakes; however, any errors that are apparent will be immediately called to the CONTRACTOR's attention and s(he) shall be required to make the necessary correction before the stakes are used for construction purposes.
- j. Where the plan quantities for excavation are to be used as the final pay quantities, the ENGINEER will make sufficient checks to determine if the work has been completed in substantial conformance with the plan cross sections.

Responsibility of the CONTRACTOR

- a. The CONTRACTOR shall establish from the given survey points and benchmarks all the control points necessary to construct the individual project elements. S(he) shall provide the ENGINEER adequate control in close proximity to each individual element to allow adequate checking of construction operations. This includes, but is not limited to, line and grade stakes, line and grade nails in form work, and/or filed or etched marks in substantially completed construction work.

It is the CONTRACTOR's responsibility to tie in baseline control points in order to preserve them during construction operations.

- b. The CONTRACTOR shall be responsible for locating and marking the limits of the project prior to the installation of silt fence.
- c. At the completion of the grading operations, the CONTRACTOR will be required to set stakes at 30 m (100 ft.) station intervals along each profile grade line. These stakes will be used for final cross sectioning by the ENGINEER.
- d. All work shall be in accordance with normally accepted self-checking surveying practices. Field notes shall be kept in standard survey field notebooks and those books shall become the property of the ENGINEER at the completion of the project. All notes shall be neat, orderly and in accepted form.
- e. For work on streets identified for significant or complete curb and gutter removal and replacement, the CONTRACTOR shall be responsible for furnishing all labor, materials and equipment necessary to document, lay out and re-establish existing curb and gutter and pavement grades. At a minimum, CONTRACTOR shall be required to survey and stake out existing and proposed edge of pavement and back of curb locations (horizontal and vertical) at 15' intervals as well as high points, low points and other locations of key grade change. Where deviations from existing grades are requested by the CITY, the CITY/ENGINEER shall determine proposed grades prior to CONTRACTOR layout, and shall be

responsible for verifying the CONTRACTOR's layout in the field before construction commences.

- f. The CONTRACTOR shall be responsible for furnishing all labor, materials and equipment necessary to document and layout pavement widening areas, including re-establishing and grading existing drainage ditches.

Basis of Payment. This work will be paid for at the contract lump sum price for CONSTRUCTION LAYOUT, which shall be payment in full for all labor, materials, transportation, and incidentals necessary to furnish, install, maintain, replace, and relocate all control and stationing points for the duration of the project.

DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED

This work shall consist of adjusting catch basins, manholes, valve vaults and inlets in accordance with applicable CITY standard drawings and with Sections 602 and 603 of the STANDARD SPECIFICATIONS and as specified herein.

Each structure adjustment shall be limited to a maximum of one (1) foot in adjustment height and a maximum of two adjustment rings. Adjustment rings for structures in the pavement and rings under 2" on all drainage adjustments shall be preformed rubber. Adjustment rings greater than 2" for structures in the parkway shall be PCC. The CONTRACTOR shall place a continuous strip 3/8" thick of polyurethane sealer/adhesive between the PCC structure or PCC ring and the bottom of a rubber ring. The CONTRACTOR shall also place a continuous strip 3/8" thick of polyurethane sealer/adhesive between the top of the adjusting ring and the bottom of the frame.

The structure shall be adjusted with the existing frame and grate/lid unless otherwise directed by the ENGINEER. If a new frame and grate/lid is proposed, the frame and grate/lid shall be paid for separately.

Basis of Payment. This work shall be paid for at the contract unit price per each for DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED.

DRAINAGE & UTILITY STRUCTURES TO BE RECONSTRUCTED

These items of work shall be performed as directed by the ENGINEER in conformance with applicable provisions of Sections 602 and 603 of the STANDARD SPECIFICATIONS and applicable CITY standard drawings. The word STRUCTURE shall be understood to mean catch basin, manhole, valve vault and inlet.

This item includes the cost of a new precast cone section or flat slab top, as the case may be.

Each structure being reconstructed shall be limited to two adjustment rings with a total maximum height of one (1) foot. Adjustment rings for structures in the pavement and rings under 2" on all drainage adjustments shall be preformed rubber. Adjustment rings greater than 2" for structures in the parkway shall be PCC. The CONTRACTOR shall place a continuous strip 3/8" thick of polyurethane sealer/adhesive between the PCC structure or PCC ring and the bottom of a rubber ring. The CONTRACTOR shall also place a continuous

strip 3/8" thick of polyurethane sealer/adhesive between the top of the adjusting ring and the bottom of the frame.

The structure shall be reconstructed with the existing frame and grate/lid unless otherwise directed by the ENGINEER. If a new frame and grate/lid is proposed, the frame and grate/lid shall be paid for separately.

Basis of Payment. This work shall be paid for at the contract unit price per each for DRAINAGE & UTILITY STRUCTURES TO BE RECONSTRUCTED.

HOT IN-PLACE RECYCLING – SURFACE RECYCLING

Description. This work shall consist of in-place rehabilitation of Hot-Mix Asphalt pavement by heating, scarifying, rejuvenating and reshaping the surface as specified herein and in accordance with the BLR LR400-3 special provision.

Equipment Requirements:

Preheater: The preheating machine shall be one self-contained machine specifically designed to heat the upper layers of the existing asphaltic pavements. The preheating machine shall be a self-propelled and completely self-contained unit capable of operating at speeds from ten (10') feet to twenty-five (25') feet per minute while uniformly heating the existing surface of asphalt.

The heating unit shall consist of multi-rows of burners of a type specifically designed for and capable of producing 48 million BTU H; LPG will be used for the heating fuel in compliance with the standards of the State's Air Pollution Control Laws. The BTUH production rate is based upon heating twelve (12') feet wide. Burners shall be located on the front of the heater boxes spaced no more than ten (10") inches apart to achieve proper heat penetration at the required temperature while causing no injury due to overheating the asphaltic surface.

The entire burner assembly shall be designed so that it may be raised or lowered by a single control and capable of articulation. The burner assembly shall be adjustable in width from eight (8') feet to fourteen (14') feet. The entire heating unit shall be enclosed and vented to contain the heat and prevent damage to plant material or any structures along the roadway. Each unit shall be equipped with an on board 500 gallon water system to be used to adequately reduce the temperature of the exhaust in the venting system thereby preventing desiccation of trees and shrubs by evapotranspiration due to high heat. Hand hoses with adjustable nozzles will be placed on each unit to allow for pre-wetting of specific plants or objects.

Heater Scarifier: The heater-scarifier machine shall be one self-contained machine specifically designed to reprocess upper layers of existing asphalt pavements. The heater-scarifier machine shall be a self-propelled and completely self-contained unit capable of operating at speeds of ten (10') feet to twenty-five (25') feet per minute while uniformly heating, scarifying, applying rejuvenator, mixing and screeding the existing pavement to a minimum depth of one (1") to one and one-half (1-1/2") inches at a minimum temperature of 250 degrees Fahrenheit. The wheelbase shall not be less than eighteen (18') feet and the total weight shall not be less than 35,000 pounds.

The heating unit shall consist of multi-rows of burners of a type specifically designed for and capable of producing 48 million BTUH; LPG will be used for the heating fuel in compliance with the standards of the State's Air Pollution Control Laws. The BTUH production rate is based upon heating twelve (12') feet wide. Burners shall be located on the front of the heater boxes spaced no more than ten (10") inches apart to achieve proper heat penetration at the required temperature while causing no injury due to overheating the asphaltic surface.

The entire burner assembly shall be designed so that it may be raised or lowered by a single control and capable of articulation. The burner assembly shall be adjustable in width from eight (8') feet to fourteen (14') feet. The entire heating unit shall be enclosed and vented to contain the heat and prevent damage to plant material or any structures along the roadway.

All equipment shall conform to Federal, State and local DOT and Fire Marshall regulations, and laws relative to the transportation of LPG.

Scarifying Unit: The scarifying unit consists of no less than two rows of spring loaded, carbide tip teeth adjustable in width from eight (8') feet to fourteen (14') feet in increments to one (1") inch and construction in one (1') foot sections to conform to the pavement contour to ensure penetration of the teeth and prevent damage to utility structures.

Spraying Unit: Immediately behind the teeth of the scarifying unit, an application of a polymer modified rejuvenator shall be applied to the newly remixed area. Nozzle size on the spray bar and pump shall be a combination that will deliver the approved rate of application according to the forward speed of the machine in conjunction with discretion of Highways engineer. The tank on the machine shall be heated, and the heating unit on the storage tank for rejuvenator shall be thermostatically controlled to maintain an even specified temperature.

In addition to the above, it will be required that the spraying unit on the machine be equipped with an electronic, digital measuring system (computer) to constantly monitor the quantity of rejuvenating agent being applied. This device will be calibrated to show gallons used to the nearest tenth.

On-Board Mixing Drum: The Heater-Scarifier machine shall have the capability to perform both heater scarification and remixing or repaving work. If single stage process is required, the CONTRACTOR shall submit the mixture design for approval at least 14 working days in advance. The mixture design shall include content of asphalt binder in the existing asphalt to be recycled, penetration, viscosity, gradation of existing asphalt to be recycled, new HMA design, if used, new aggregate and asphalt binder, if used, type, quantity and application rate of recycling agent, penetration, viscosity, density/air content, and gradation of recycled mix.

Screed and Initial Compaction Unit: The hot scarified material shall be uniformly distributed to the desired longitudinal and transverse section by the use of a heated, augured vibratory screed. The screed must be equipped with an adjustable crown control, and each end of the

screed must have hand wheel adjusting screws for providing the desired longitudinal and transverse section.

Compaction Unit: Immediate compaction shall take place with rolling equipment of sufficient type and size to compact the recycled bituminous material to the required density. Normally this can be accomplished with the application of an eight (8) to twelve (12) ton vibratory roller. State specifications for bituminous concrete surfaces shall apply.

Emulsified Recycling Agents: These specifications cover emulsified recycling agents to be used in cold-mix recycling or hot-in-place recycling. The final acceptance of these materials shall be based on their performance to (a) restore the aged "old" asphalt characteristics to a consistency level appropriate for construction purposes, (b) restore the aged asphalt to its optimal chemical characteristics for durability, (c) provide sufficient additional binder to coat new aggregate that is added to the recycled mixture, and (d) provide sufficient additional binder to satisfy mixture design requirements.

Note: All samples shall be shipped and stored in clean, airtight, sealed wide mouth jars or bottles made of plastic. The specific gravity of the emulsified recycling agent shall be reported for each shipment.

ERA-25P/ERA-5					
Test	ASTM Method	Min.	Max.	Min.	Max.
Viscosity, Saybold Furol @25C, sec.	D244	15	85	15	85
Storage Stability Test, 1 Day	D244	-	1.0	-	1.0
Sieve Rest, Retained On No. 20 Sieve Percent	D244	-	0.1	-	0.1
Cement Mixing, Test percent	D244	-	2.0	-	2.0
Residue by Evaporation Percent	D244	65	-	65	-
Tests on Residue Viscosity @ 60C cst	D2170	200	800	1000	5000
Torsional Recovery	D2170	-	-	20	-
Base Recycling Agent (ie. Prior) to Emulsification	D4552	-	RA-5	RA-25	-

Construction Requirements:

Pavement Preparations: The entire area to be resurfaced shall be cleaned of all deleterious material. All existing thermoplastic pavement markings shall be removed prior to hot-in-place recycling, unless otherwise approved by the ENGINEER. Pavement marking removal shall be paid for separately.

Heating, Scarifying and Rejuvenating: The existing asphaltic material shall be heated, scarified and mixed to a minimum depth of one and one half (1-1/2") inch. Under no circumstances shall the scarifying teeth penetrate into the existing base.

The heated polymer modified rejuvenator shall be applied immediately following the scarifying teeth. The polymer modified rejuvenator is specifically formulated for use with the hot-in-place recycling and therefore, shall not be substituted.

The hot scarified material shall then be mill/remixed immediately following the application of the recycling agent to eliminate premature compaction of the hot recycled asphalt resulting in final differential compaction and to the desired longitudinal and transverse section by the use of an attached, heated, augured screed. Directly behind the screed process shall be an eight (8) to twelve (12) ton roller for compaction.

At all manholes, valve boxes, etc., the finished grade of the heater-scarifying process shall be transitioned to blend into the existing grade.

Method of Measurement. Asphalt recycling performed will be measured for payment per square yard in place completed. The application of rejuvenating agent, at the appropriate rate of 0.1 gallons per square yard, will not be measured separately for payment.

Basis of Payment. This work will be paid for at the contract unit price per SQUARE YARD for HOT IN-PLACE RECYCLING – SURFACE RECYCLING.

COMBINATION CONCRETE CURB & GUTTER REMOVAL & REPLACEMENT

This work shall consist of the removal of the existing curb and gutter and the construction of new concrete curb and gutter to match the existing curb and gutter type including all necessary excavation, embankment, doweling and subbase granular material as shown in the details and in accordance with Sections 606, 202, 205 and 311 of the STANDARD SPECIFICATIONS and applicable CITY standard drawings and as specified herein.

Hi-Early strength concrete shall be used across driveway aprons to minimize the required cure time of the concrete.

Construction Requirements. In addition to the requirements of Article 606.06 of the STANDARD SPECIFICATIONS the CONTRACTOR shall excavate all material necessary to build the proposed curb and gutter and proposed subbase in accordance with Section 202 of the STANDARD SPECIFICATIONS. The area between the edge of the existing pavement and the face of the new gutter shall be cleaned of all loose material and a base course shall be poured with Class SI concrete to a minimum 6-inch width, 1.25" below the top of the proposed gutter flag. Driveways shall not be removed for forming purposes unless approved by the ENGINEER.

The proposed subbase shall be subbase granular material, Type B with minimum thickness of four (4") inches in accordance with Section 311 of the STANDARD SPECIFICATIONS. Backfill behind the proposed back of curb shall be in accordance with Section 205 of the STANDARD SPECIFICATIONS. Any existing pavement removed adjacent to the new curb and gutter shall be replaced in-kind.

The CONTRACTOR shall machine-saw a perpendicular clean joint between that portion of the curb and gutter to be removed and that which is to remain in place. If the CONTRACTOR removes or damages the existing curb and gutter outside the limits

designated by the ENGINEER for removal and replacement, he will be required to remove and replace that portion at his own expense to the satisfaction of the ENGINEER.

CONTRACTOR shall use full forms on both sides of the patch - 9" at edge of pavement and either 12" or 15" at back of curb. All layout required to set forms and install proposed curb and gutter shall be included in the cost of this item.

Contraction joints shall be provided at uniform intervals not to exceed 15 feet. In an instance where a segment of curb is incomplete at the end of day, the curb shall be cut square and a construction joint with dowel bars shall be installed. Expansion joints shall be 1-inch thick with two No. 5 smooth epoxy coated bars with greased cap and shall be constructed at intervals not to exceed 60 feet.

At each location where the new curb meets the existing curb, the existing and new curb shall be tied together with 2 - No. 5 smooth epoxy coated dowel bars, 24" long. Dowel shall be drilled and grouted 12" into the existing curb.

New combination concrete curb and gutter shall be depressed across all driveways and sidewalk ramps intersecting the curb and gutter.

Hi-Early strength concrete shall be used across driveway aprons to minimize the required cure time of the concrete.

For work on streets identified for significant curb and gutter removal and replacement, the CONTRACTOR shall be responsible for furnishing all labor, materials and equipment necessary to document, lay out and re-establish existing curb and gutter and pavement grades. At a minimum, CONTRACTOR shall be required to survey and stake out existing and proposed edge of pavement and back of curb locations (horizontal and vertical) at 15' intervals as well as high points, low points and other locations of key grade change. Where deviations from existing grades are requested by the CITY, the CITY/ENGINEER shall determine proposed grades prior to CONTRACTOR layout, and shall be responsible for verifying the CONTRACTOR's layout in the field before construction commences. This work shall be included in the cost of CONSTRUCTION LAYOUT.

Method of Measurement. Shall be per Article 606, except any earth excavation and subbase granular material will not be measured for payment for curb and gutter removal and replacement, but shall be included in the payment for COMBINATION CONCRETE CURB & GUTTER REMOVAL & REPLACEMENT.

Basis of Payment. This work shall be paid for at the contract unit price per foot for COMBINATION CONCRETE CURB & GUTTER REMOVAL & REPLACEMENT, of the type specified. If no type is specified, CONTRACTOR shall replace the curb and gutter to match the adjacent curb and gutter type. This work shall include the use of Hi-Early strength concrete across all driveway aprons and any all pavement removal, excavation, sub-base material, dowel bars and reinforcement, expansion joints, and backfill necessary to construct the work as shown in the details and as specified herein.

HOT MIX ASPHALT DRIVEWAY PAVEMENT, 4" (SPECIAL)

Work under this item consists of the removal, disposal and replacement of hot-mix asphalt driveway pavement. The limits of removal will be marked in the field by the ENGINEER. Saw cutting required for this Work shall be considered incidental to this item.

Additional pavement which is damaged or disturbed beyond the marked limits due to negligence or carelessness on the part of CONTRACTOR, shall be re-sawed and removed. The additional quantity of pavement so removed (and replaced) will not be measured for payment.

This work shall be completed at locations determined by the ENGINEER and in accordance with Sections 301, 351, 406 and 423 of the STANDARD SPECIFICATIONS, CITY Standard Details and as directed by the ENGINEER.

CONTRACTOR shall place embankment or excavate in accordance with Sections 202 and 205 of the STANDARD SPECIFICATIONS in order to achieve the required finished grades.

The proposed driveway pavement shall consist of 1.5" HMA Surface Course, Mix D, N50, 2.5" HMA Binder Course, IL-19.0, N50 and 6" of Aggregate Base Course, Type B. The existing aggregate base course may be re-used with approval of the ENGINEER.

All excavation, embankment, HMA Surface Course, HMA Binder Course and Aggregate Base Course will not be paid for separately but shall be included in this pay item.

Basis of Payment. This Work will be paid for at the contract unit price per Square Yard for HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 4" (SPECIAL), measured in place, which price shall include all materials, labor, and equipment necessary to satisfactorily complete the work as specified herein.

HOT-MIX ASPHALT SURFACE REMOVAL, FULL DEPTH

This work shall be done in accordance with Section 440 of the STANDARD SPECIFICATIONS except as modified herein.

440.01 Description. Revise this Article to read:

"440.01 Description. This work shall consist of the removal and satisfactory disposal of the entire HMA pavement surface, full depth. The pavement core report included with the bidding documents indicates the existing HMA pavements on streets to receive full depth HMA surface course removal, vary in thickness. The pavement core information is for informational purposes only, and actual existing pavement thickness will vary. Any additional removal of existing aggregate base in order to match the proposed aggregate base grade shall not be paid separately, but shall be included in the cost of PREPARATION OF BASE (SPECIAL).

440.03 General. Add the following paragraph to the end of this Article:

"No additional compensation will be allowed because of variations from the assumed HMA surface thickness or from the HMA surface thickness shown on the Plans."

"No additional compensation will be allowed due to the presence of paving fabric/petromat in the milled asphalt layer(s)."

"After the pavement has been removed, the Contractor shall construct temporary aggregate ramps for access from the roadway to driveways and sidewalks as directed by the Engineer. The ramps may be constructed using asphalt grindings. All temporary ramps shall be fully removed prior base preparation and/or paving. The Contractor shall not be allowed to spread the aggregate used for the temporary ramps over the existing base course unless the stone meets the required base course gradations and is approved by the Engineer. No separate payment shall be made for providing temporary access ramps to adjacent properties on full depth asphalt removal streets. This work shall be included in the cost of this item."

Basis of Payment. This work will be paid for at the contract unit price per square yard for HOT-MIX ASPHALT SURFACE REMOVAL, FULL DEPTH.

HOT MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH – EDGE GRIND

Description. This Work consists of removing the surface of HMA pavement to varying depths as specified on the Drawings in accordance with the applicable portions of Section 440 of the STANDARD SPECIFICATIONS.

The width and maximum depth of the edge grind shall be in accordance with the typical sections provided herein, unless otherwise directed by the ENGINEER.

The machine used for surface removal shall be a self-propelled milling machine meeting the requirements of Article 440.02.

Materials resulting from the milling operation shall be removed and disposed of as specified in Article 440.06. This item shall include the removal of petromat, if encountered, and no separate payment shall be made.

Extreme caution shall be taken by CONTRACTOR to avoid damaging the existing curb and gutter during the milling and clean-up operations. Minor damage to exposed curb and gutter shall be corrected by re-sawing the gutter edge. Where excessive gutter chipping or damage to curbs has occurred, as determined by ENGINEER in the exercise of ENGINEER's sole discretion, CONTRACTOR shall remove and replace the damaged sections. Such corrective work will not be measured for payment.

HMA pavement surface removal will be measured in place and the area computed in square yards. The square yards measured will be paid for only once regardless of the number of passes needed to remove the material to the specified profile.

No additional compensation will be allowed due to the presence of paving fabric in the milled asphalt layer(s).

Basis of Payment. This work will be paid for at the Contract Unit Price per square yard for HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH) – EDGE GRIND, for the

specified maximum depth; which price shall include all labor and equipment necessary to satisfactorily perform the work as specified herein.

PARKWAY RESTORATION – SEEDING

This work shall be done in accordance with Sections 211, 250 and 251 of the STANDARD SPECIFICATIONS and the Details provided in the Plans, except where modified herein. **Seeding shall not be permitted to be installed between June 15th and September 15th.**

Description. The purpose of this work is to restore the areas disturbed by construction and/or to provide proper drainage in the parkways.

This work shall include restoring disturbed areas within the construction limits, removing excess backfill material, furnishing and placing topsoil in accordance with Section 211, compacting and grading to maintain positive slope, seeding the areas in accordance with Section 250 and installing erosion control blanket to the areas in accordance with Section 251. Care should be taken to ensure proper compaction as the CONTRACTOR will be responsible for repair of any areas where settlement occurs."

211.02 Materials. Add the following to the end of the Article:

"Topsoil shall be a loamy mixture of black dirt having at least 90 percent passing a No. 10 sieve, and shall be free of large roots, brush, sticks, weeds, stones larger than 1 1/2-inch in diameter and any other litter. Topsoil, pH shall not be lower than 4.5 nor higher than 8.5 as determined in accordance with ASTM procedures for soil testing.

211.04 Placing Topsoil and Compost. Add the following to the end of the Article:

"The topsoil shall be spread to a smooth, disked, and compacted uniform thickness of not less than 4 inches to allow for the seed placement to provide positive drainage and match the surrounding grade of the existing landscape when possible. Topsoil shall be compacted by jetting unless otherwise allowed by the ENGINEER."

250.05 Seed Bed Preparation. Add the following to the end of the Article:

"The removal of any excess backfill material shall be included in the pay item for PARKWAY RESTORATION - SEEDING.

Fertilizer nutrients shall be applied in accordance with Section 252.04 of the STANDARD SPECIFICATIONS and shall be included in the pay item for PARKWAY RESTORATION - SEEDING."

250.06 Seeding Methods. Add the following to the end of the Article:

"Seeded areas shall be stabilized with erosion control blanket in accordance with Section 251 of the STANDARD SPECIFICATIONS. Erosion control blanket shall be included in the cost of this item.

The CONTRACTOR shall provide subsequent reseeding until a satisfactory growth of grass is produced or if settlement occurs."

Basis of Payment. This work shall be paid for at the contract unit price per square yard for PARKWAY RESTORATION – SEEDING.

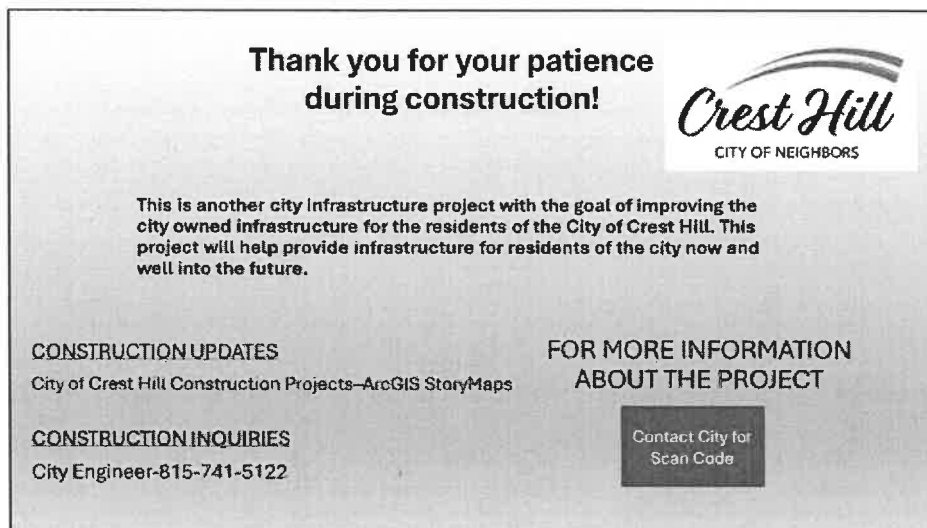
PROJECT SIGN

Description. This work shall consist of furnishing, fabricating and installing project sign(s) in accordance with Section 720 of the Standard Specifications. The layout of the sign and the location of the sign shall be coordinated and approved by the City prior to fabrication. Contractor shall contact the City for the required scan code and to verify the website address prior to shop drawing preparation. Shop drawings of the sign and assembly shall be submitted to the Engineer for approval.

Materials. The sign shall be 6 feet high and 8 feet wide constructed from 0.125 in. thick aluminum sheeting. Final layout and text size shall be approved by Engineer and City prior to fabrication. The sign shall be fabricated using Type AP white sheeting for the background with black vinyl or black opaque ink for the letters and symbols. The bottom of the sign shall be six feet above ground. The sign shall be mounted using two Type A sign posts in accordance with Section 729 of the Standard Specifications.

The sign shall include the following language:

"Thank you for your patience during construction! This is another city infrastructure project with the goal of improving city owned infrastructure for the residents of the City of Crest Hill. This project will help provide infrastructure for residents of the city now and well into the future."



The sign shall be erected for the duration of construction. Upon completion of the project, the sign and posts shall be removed and shall remain property of the City.

This item shall include all excavation, posts, restoration and all material, equipment, and labor required to complete the work specified herein.

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

Basis of Payment. This work shall be paid for at the contract unit price per each for PROJECT SIGN.

PORTLAND CEMENT CONCRETE DRIVEWAY (HI-EARLY STRENGTH)

Description. This work shall be in accordance with Sections 423 and 440 of the Standard Specifications and applicable CITY Standard details. PCC driveway pavement shall be constructed using Hi-Early Strength Concrete to minimize curing time. Driveway aprons are to be replaced at the grades specified in the field and essentially to the same width. Full-depth sawcutting will be required in locations where joints do not exist as directed by the ENGINEER. Replacement of residential driveways will be with a P.C.C. pavement section 6" thick on a prepared granular subbase at least 4" thick. All excavation required to attain the minimum driveway section thickness required shall be included in the cost of this work.

The CONTRACTOR shall backfill adjacent to the new driveway pavement, to the satisfaction of the ENGINEER, within seven (7) calendar days of the placement of the driveway pavement.

Basis of Payment. This work will be paid for at the contract unit price per square yard for PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT (HI-EARLY STRENGTH) of the thickness specified. All full depth saw-cutting and granular subbase, as required, will be included in this item. Protective Coat for this work shall be included in the cost of this item.

PCC MEDIAN EXTENSION (GAYLORD ROAD)

Description. This work shall include the removal of the existing 3' long tapered median nose of the concrete median located south of the CN Railroad tracks on Gaylord Road. Once the tapered nose is removed, the full height median (6" minimum height) shall be extended 3' south and a new 3' long tapered median nose shall be constructed. The total length of the proposed median extension is approximately 6'. The total full-height (6" minimum) length of the existing median from the railroad gate at the completion of this extension shall be 100'. This shall be confirmed by the ENGINEER and CITY in the field prior to pouring concrete.

All traffic control, including flaggers, required to complete this work shall be included in the cost of this item. It is anticipated that coordination with the railroad, including right-of-entry, railroad flaggers and railroad liability insurance will not be required to complete this work.

Basis of Payment. This work will be paid for at the contract lump sum price for PCC MEDIAN EXTENSION (GAYLORD ROAD). This lump sum item shall include all sawcutting, median removal, curb and gutter removal, pavement removal, excavation, installation of the new full height median and tapered median nose, aggregate subbase, traffic control, mobilization and layout costs required to complete the work as specified. Protective Coat for this work shall be included in the cost of this item.

FRICTION AGGREGATE (D-1)

Effective: January 1, 2011

Revised: December 1, 2021

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	<u>Allowed Alone or in Combination</u> ^{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	<u>Allowed Alone or in Combination</u> ^{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	<u>Allowed Alone or in Combination</u> ^{5/ 6/} : Crushed Gravel Carbonate Crushed Stone ^{2/} Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Concrete ^{3/}

Use	Mixture	Aggregates Allowed	
HMA High ESAL Low ESAL	C Surface and Binder IL-9.5 IL-9.5FG or IL-9.5L	<u>Allowed Alone or in Combination</u> ^{5/} : Crushed Gravel Carbonate Crushed Stone ^{2/} Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag ^{4/} Crushed Concrete ^{3/}	
HMA High ESAL	D Surface and Binder IL-9.5 or IL-9.5FG	<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/}	
		<u>Other Combinations Allowed:</u>	
		<i>Up to...</i>	<i>With...</i>
		25% Limestone	Dolomite
		50% Limestone	Any Mixture D aggregate other than Dolomite
		75% Limestone	Crushed Slag (ACBF) or Crushed Sandstone
HMA High ESAL	E Surface IL-9.5 SMA Ndesign 80 Surface	<u>Allowed Alone or in Combination</u> ^{5/ 6/} : Crushed Gravel Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag No Limestone.	
		<u>Other Combinations Allowed:</u>	
		<i>Up to...</i>	<i>With...</i>
		50% Dolomite ^{2/}	Any Mixture E aggregate

Use	Mixture	Aggregates Allowed	
		75% Dolomite ^{2/}	Crushed Sandstone, Crushed Slag (ACBF), Crushed Steel Slag, or Crystalline Crushed Stone
		75% Crushed Gravel ^{2/}	Crushed Sandstone, Crystalline Crushed Stone, Crushed Slag (ACBF), or Crushed Steel Slag
HMA High ESAL	F Surface IL-9.5 SMA Ndesign 80 Surface	<u>Allowed Alone or in Combination</u> ^{5/ 6/} :	
		Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag No Limestone.	
		<u>Other Combinations Allowed:</u>	
		<i>Up to...</i>	<i>With...</i>
		50% Crushed Gravel ^{2/} or Dolomite ^{2/}	Crushed Sandstone, Crushed Slag (ACBF), Crushed Steel Slag, or Crystalline Crushed Stone

- 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.
- 3/ Crushed concrete will not be permitted in SMA mixes.
- 4/ Crushed steel slag shall not be used as 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."

HOT-MIX ASPHALT BINDER AND SURFACE COURSE (D-1)

Effective: November 1, 2019

Revised: April 1, 2026

Add the following to the end of Article 406.06(c) of the Standard Specifications:

“ The amount of HMA binder course placed shall be limited to that which can be surfaced during the same construction season.”

Revise the fifteenth through eighteenth paragraphs of Article 406.14 of the Standard Specifications to read:

“ The mixture used in constructing acceptable HMA test strips will be paid for at the contract unit price. Unacceptable HMA test strips shall be removed and replaced at no additional cost to the Department.”

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 the fine aggregates 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 Standard Specifications to read:

[illegible]

3/4 in. (19 mm)	90	10 0		10 0								
1/2 in. (12.5 mm)	75	89	8 0	10 0		10 0		10 0		100		100
3/8 in. (9.5 mm)				65	90	10 0	90	10 0	90	100		100
#4 (4.75 mm)	40	60	2 0	30	36	50	34	69	60	75 ^{6/}	90	100
#8 (2.36 mm)	20	42	1 6	24 ^{4/}	16	32 ^{4/}	34 ^{5/}	52 ^{2/}	45	60 ^{6/}	70	90
#16 (1.18 mm)	15	30					10	32	25	40	50	65
#30 (600 µm)			1 2	16	12	18			15	30		
#50 (300 µm)	6	15					4	15	8	15	15	30
#100 (150 µm)	4	9					3	10	6	10	10	18
#200 (75 µm)	3.0	6.0	7. 0	9. 0 ^{3/}	7.5	9. 5 ^{3/}	4. 0	6. 0	4.0	6.5	7.0	9.0 ^{3/}
#635 (20 µm)			≤ 3.0		≤ 3.0							
Ratio Dust/Asph alt Binder		1.0		1. 5		1. 5		1. 0		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.
- 6/ When the mixture is used as a binder, the maximum shall be increased by 0.5 percent passing."

Revise Article 1030.05(b) of the Standard Specifications to read:

(b) Volumetric Requirements. The target value for the air voids of the HMA shall be 4.0 percent, for IL-4.75 and SMA mixtures 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.

Mix Design	Voids in the Mineral Aggregate (VMA), % Minimum for Ndesign				
	30	50	70	80	90
IL-19.0		13.5	13.5		13.5
IL-9.5		15.0	15.0		
IL-9.5FG		15.0	15.0		
IL-4.75 ^{1/}		18.5			
SMA-12.5 ^{1/2/5/}				17.0 ^{3/} /16.0 ^{4/}	
SMA-9.5 ^{1/2/5/}				17.0 ^{3/} /16.0 ^{4/}	
IL-19.0L	13.5				
IL-9.5L	15.0				

- 1/ Maximum draindown shall be 0.3 percent according to Illinois Modified AASHTO T 305.
- 2/ The draindown shall be determined at the JMF asphalt binder content at the mixing temperature plus 30°F.
- 3/ Applies when specific gravity of coarse aggregate is ≥ 2.760 .
- 4/ Applies when specific gravity of coarse aggregate is < 2.760 .
- 5/ 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"

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 steel slag sand, shall have minimum surge bin storage plus haul time of 1.5 hours."

Revise the first and second paragraphs of Articles 1030.06(c)(2) of the Standard Specifications to read:

“(2) Personnel. The Contractor shall provide a QC Manager who shall have overall responsibility and authority for quality control. This individual shall maintain active certification as a Hot-Mix Asphalt Level II technician.

In addition to the QC Manager, the Contractor shall provide sufficient personnel to perform the required visual inspections, sampling, testing, and documentation in a timely manner. Mix designs shall be developed by personnel with an active certification as a Hot-Mix Asphalt Level III technician. Technicians performing mix design testing and plant sampling/testing shall maintain active certification as a Hot-Mix Asphalt Level I technician. The Contractor may provide a technician trainee who has successfully completed the Department’s “Hot-Mix Asphalt Trainee Course” to assist in the activities completed by a Hot-Mix Asphalt Level I technician for a period of one year after the course completion date. The Contractor may also provide a Gradation Technician who has successfully completed the Department’s “Gradation Technician Course” to run gradation tests only under the supervision of a Hot-Mix Asphalt Level II Technician. The Contractor shall provide a Hot-Mix Asphalt Density Tester who has successfully completed the Department’s “Nuclear Density Testing” course to run all nuclear density tests on the job site.”

Add Article 1030.06(d)(3) to the Standard Specifications to read:

“(3) The Contractor shall take possession of any Department unused backup or dispute resolution HMA mixture samples or density specimens upon notification by the Engineer. The Contractor shall collect the HMA mixture samples or density specimens from the location designated by the Engineer and may add these materials to RAP stockpiles according to Section 1031.”

Revise the second paragraph of Articles 1030.07(a)(11) and 1030.08(a)(9) of the Standard Specifications to read:

“When establishing the target density, the HMA maximum theoretical specific gravity (Gmm) will be based on the running average of four available Department test results for that project. If less than four Gmm test results are available, an average of all available Department test results for that project will be used. The initial Gmm will be the last available Department test result from a QMP project. If there is no available Department test result from a QMP project, the Department mix design verification test result will be used as the initial Gmm.”

Revise the Quality Control Limits table in Article 1030.09(c) to read:

CONTROL LIMITS			
Parameter	IL-19.0, IL-9.5, IL-9.5FG, IL- 19.0L, IL-9.5L	SMA-12.5, SMA-9.5	IL-4.75

	Individual Test	Moving Avg. of 4	Individual Test	Moving Avg. of 4	Individual Test	Moving Avg. of 4
% Passing: ^{1/}						
1/2 in. (12.5 mm)	± 6 %	± 4 %	± 6 %	± 4 %		
3/8 in. (9.5mm)			± 4 %	± 3 %		
# 4 (4.75 mm)	± 5 %	± 4 %	± 5 %	± 4 %		
# 8 (2.36 mm)	± 5 %	± 3 %	± 4 %	± 2 %		
# 16 (1.18 mm)			± 4 %	± 2 %	± 4 %	± 3 %
# 30 (600 µm)	± 4 %	± 2.5 %	± 4 %	± 2.5 %		
Total Dust Content # 200 (75 µm)	± 1.5 %	± 1.0 %			± 1.5 %	± 1.0 %
Asphalt Binder Content	± 0.3 %	± 0.2 %	± 0.2 %	± 0.1 %	± 0.3 %	± 0.2 %
Air Voids ^{2/}	± 1.2 %	± 1.0 %	± 1.2 %	± 1.0 %	± 1.2 %	± 1.0 %
Field VMA ^{3/}	-0.7 %	-0.5 %	-0.7 %	-0.5 %	-0.7 %	-0.5 %

1/ Based on washed ignition oven or solvent extraction gradation.

2/ The air voids target shall be 3.2 to 4.8 percent.

3/ Allowable limit below minimum design VMA requirement.

Revise Article 1030.09(g)(1) of the Supplemental Specifications with the following:

“(1) The Contractor shall sample approximately 200 lb (91 kg) of mix as required for the Department’s random mixture verification tests according to Article 1030.09(h)(1).”

Revise Article 1030.09(g)(2) of the Standard Specifications to read:

“(2) The Contractor shall complete split verification sample tests listed in the Limits of Precision table in Article 1030.09(h)(1).”

Revise the second sentence of Article 1030.09(h)(1) of the Supplemental Specifications with the following:

“The random verification mixture sampling interval will be a maximum of 3,000 tons (2,720 metric tons). The Engineer will randomly identify one sample per interval, with a minimum of one sample per mix. If the remaining mix quantity is 600 tons (544 metric tons) or less, the quantity will be combined with the previous interval in the Engineer’s random sample identification. If the required tonnage of a mixture for a single pay item is less than 250 tons (225 metric tons) in total, the Engineer will waive

mixture verification sampling and testing.”

Revise the third paragraph of Article 1030.09(h)(1) of the Standard Specifications to read:

“If comparisons of the mixture verification test results are outside the above limits of precision, the Department will verify the results by testing the retained split sample. The retest results will replace all the original results.”

In the Supplemental Specifications, replace the revision for the end of the third paragraph of Article 1030.09(h)(2) with the following:

“When establishing the target density, the HMA maximum theoretical specific gravity (G_{mm}) will be the Department mix design verification test result.”

Add after third sentence of Article 1030.09(b) 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.”

Revise Table 1 and Note 4/ of Table 1 in Article 406.07(a) of the Standard Specifications to read:

	Breakdown/Intermediate Roller (one of the following)	Final Roller (one or more of the following)	Density Requirement
IL-9.5, IL-9.5FG, IL-19.0 ^{1/}	V _D , P, T _B , 3W, O _T , O _B	V _S , T _B , T _F , O _T	As specified in Section 1030
IL-4.75 and SMA ^{3/ 4/}	T _B , 3W, O _T	T _F , 3W	As specified in Section 1030
Mixtures on Bridge Decks ^{2/}	T _B	T _F	As specified in Articles 582.05 and 582.06.

“4/ The Contractor shall provide a minimum of two steel-wheeled tandem rollers (T_B), and/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) and one of the (T_B) or (3W) rollers can be substituted for an oscillatory roller (O_T). 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 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}.”

Revise first paragraph of Article 1030.10 of the Standard Specifications to read:

“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.”

Revise fourth paragraph of Article 1030.10 of the Standard Specifications to read:

“When a test strip is constructed, the Contractor shall collect and split the mixture according to the document “Hot-Mix Asphalt Test Strip Procedures”. The Engineer, or a representative, shall deliver split sample to the District Laboratory for verification testing. The Contractor shall complete mixture tests stated in Article 1030.09(a). Mixture sampled shall include enough material for the Department to conduct mixture tests detailed in Article 1030.09(a) and in the document “Hot-Mix Asphalt Mixture Design Verification Procedure” Section 3.3. The mixture test results shall meet the requirements of Articles 1030.05(b) and 1030.05(d), except Hamburg wheel tests will only be conducted on High ESAL mixtures during production. To be considered acceptable to remain in place, the Department’s mixture test results shall meet the acceptable limits stated in Article 1030.09(i)(1). In addition, no visible pavement distress such as, but not limited to, segregation, excessive coarse aggregate fracturing outside of growth curves, excessive dust balls, or flushing shall be present as determined by the Engineer.”

HOT-MIX ASPHALT – MIXTURE DESIGN VERIFICATION AND PRODUCTION (D1)

Effective: January 1, 2019

Revised: January 1, 2026

Add to Article 1030.05 (d)(3) of the Standard Specifications to read:

“ During mixture design, prepared samples shall be submitted to the District laboratory by the Contractor for verification testing. The required testing, number and size of prepared samples submitted, shall be according to the following tables.

High ESAL – Required Samples for Verification Testing

Mixture	Hamburg Wheel and I-FIT Testing ^{1/ 2/}
Binder	total of 3 - 160 mm tall bricks
Surface	total of 4 - 160 mm tall bricks

Low ESAL – Required Samples for Verification Testing	
Mixture	I-FIT Testing ^{1/ 2/}
Binder	1 - 160 mm tall brick
Surface	2 - 160 mm tall bricks

- 1/ The compacted gyratory bricks for Hamburg wheel and I-FIT 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.

In the Supplemental Specifications, replace the addition of the paragraph between the third and fourth paragraphs of Article 1030.10 with the following:

“When a test strip is not required, each HMA mixture shall still be sampled on the first day of production: I-FIT and Hamburg wheel testing for High ESAL; I-FIT testing for Low ESAL. Within two working days after sampling the mixture, the Contractor shall deliver gyratory cylinders to the District laboratory for Department verification testing. The High ESAL mixture test results shall meet the requirements of Articles 1030.05(d)(3) and 1030.05(d)(4). The Low ESAL mixture test results shall meet the requirements of Article 1030.05(d)(4). The required number and size of prepared samples submitted for the Hamburg wheel and I-FIT testing shall be according to the “High ESAL - Required Samples for Verification Testing” table in Article 1030.05(d)(3) above.”

Replace the eleventh paragraph of Article 1030.10 of the Standard Specifications with the following:

“If an initial Hamburg wheel or I-FIT test fails to meet the requirements of Article 1030.05(d), the Department will verify the results by testing the retained gyratory cylinders. Upon notification by the Engineer of a Hamburg wheel or I-FIT test failure on the retained gyratory cylinders, the Contractor shall substitute an approved mix design, submit a new mix design for mix verification testing according to Article 1030.05(d), or pave 250 tons with or without an adjustment and resample for Department Hamburg wheel and I-FIT testing as directed by the Engineer. Paving may continue as long as all other mixture criteria is being met. If Hamburg wheel or I-FIT tests on the resampled HMA fail, production of the affected mixture shall cease and the Contractor shall

substitute an approved mix design or submit a new mix design for mix verification testing according to Article 1030.05(d)."

Add the following to the end of Article 1030.10 of the Standard Specifications to read:

"Mixture sampled during first day of production shall include approximately 60 lb (27 kg) of additional material for the Department to conduct Hamburg wheel testing and approximately 80 lb (36 kg) of additional material for the Department to conduct I-FIT 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 and I-FIT testing shall be according to the "High ESAL - Required Samples for Verification Testing" table in Article 1030.05(d)(3) above."

ADJUSTMENTS AND RECONSTRUCTIONS

Effective: March 15, 2011

Revised: October 1, 2021

Revise the first paragraph of Article 602.04 to read:

"602.04 Concrete. Cast-in-place concrete for structures shall be constructed of Class SI concrete according to the applicable portions of Section 503. Cast-in-place concrete for pavement patching around adjustments and reconstructions shall be constructed of Class PP-2 concrete, unless otherwise noted in the plans, according to the applicable portions of Section 1020."

Revise the third, fourth and fifth sentences of the second paragraph of Article 602.11(c) to read:

"Castings shall be set to the finished pavement elevation so that no subsequent adjustment will be necessary, and the space around the casting shall be filled with Class PP-2 concrete, unless otherwise noted in the plans, to the elevation of the surface of the base course or binder course. HMA surface or binder course material shall not be allowed. The pavement may be opened to traffic according to Article 701.17(e)(3)b."

Revise Article 603.05 to read:

"603.05 Replacement of Existing Flexible Pavement. After the castings have been adjusted, the surrounding space shall be filled with Class PP-2 concrete, unless otherwise noted in the plans, to the elevation of the surface of the base course or binder course. HMA surface or binder course material shall not be allowed. The pavement may be opened to traffic according to Article 701.17(e)(3)b."

Revise Article 603.06 to read:

"603.06 Replacement of Existing Rigid Pavement. After the castings have been adjusted, the pavement and HMA that was removed, shall be replaced with Class

PP-2 concrete, unless otherwise noted in the plans, not less than 9 in. (225 mm) thick. The pavement may be opened to traffic according to Article 701.17(e)(3)b.

The surface of the Class PP concrete shall be constructed flush with the adjacent surface."

Revise the first sentence of Article 603.07 to read:

"603.07 Protection Under Traffic. After the casting has been adjusted and the Class PP concrete has been placed, the work shall be protected by a barricade and two lights according to Article 701.17(e)(3)b."

DRAINAGE AND INLET PROTECTION UNDER TRAFFIC (DISTRICT 1)

Effective: April 1, 2011

Revised: April 2, 2011

Add the following to Article 603.02 of the Standard Specifications:

- "(i) Temporary Hot-Mix Asphalt (HMA) Ramp (Note 1)
.....1030
(j) Temporary Rubber Ramps (Note 2)

Note 1. The HMA shall have maximum aggregate size of 3/8 in. (95 mm).

Note 2. The rubber material shall be according to the following.

Property	Test Method	Requirement
Durometer Hardness, Shore A	ASTM D 2240	75 ±15
Tensile Strength, psi (kPa)	ASTM D 412	300 (2000) min
Elongation, percent	ASTM D 412	90 min
Specific Gravity	ASTM D 792	1.0 - 1.3
Brittleness, °F (°C)	ASTM D 746	-40 (-40)"

Revise Article 603.07 of the Standard Specifications to read:

"603.07 Protection Under Traffic. After the casting has been adjusted and the Class PP concrete has been placed, the work shall be protected by a barricade and two lights according to Article 701.17(e)(3)b.

When castings are under traffic before the final surfacing operation has been started, properly sized temporary ramps shall be placed around the drainage and/or utility castings according to the following methods.

- (a) Temporary Asphalt Ramps. Temporary hot-mix asphalt ramps shall be placed around the casting, flush with its surface and decreasing to a featheredge in a distance of 2 ft (600 mm) around the entire surface of the casting.
- (b) Temporary Rubber Ramps. Temporary rubber ramps shall only be used on roadways with permanent posted speeds of 40 mph or less and when the height of the casting to be protected meets the proper sizing requirements for the rubber ramps as shown below.

Dimension	Requirement
Inside Opening	Outside dimensions of casting + 1 in. (25 mm)
Thickness at inside edge	Height of casting $\pm$ 1/4 in. (6 mm)
Thickness at outside edge	1/4 in. (6 mm) max.
Width, measured from inside opening to outside edge	8 1/2 in. (215 mm) min

Placement shall be according to the manufacturer's specifications.

Temporary ramps for castings shall remain in place until surfacing operations are undertaken within the immediate area of the structure. Prior to placing the surface course, the temporary ramp shall be removed. Excess material shall be disposed of according to Article 202.03."

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:

Christopher B. Burke Engineering, Ltd.

City of Crest Hill

Illinois Department of Transportation

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 & Streets

SPECIAL PROVISION
FOR
HOT IN-PLACE RECYCLING (HIR) – SURFACE RECYCLING

Effective: January 1, 2012

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.

Description. This work shall consist of in-place rehabilitation of hot-mix asphalt (HMA) pavement by heating, scarifying, rejuvenating, and reshaping the surface followed by the addition of a new HMA surface course according to the thickness specified on the plans.

Materials. Materials shall be according to the following.

<u>Item</u>	<u>Article/Section</u>
(a) Rejuvenating Agent (Note 1)	
(b) Hot-Mix Asphalt	1030

Note 1. The rejuvenating agent shall have a minimum Aged Penetration Retention of 90% when tested according to the following test procedure:

- a. Determine the penetration¹ of an unaged standard PG 58-22 asphalt binder.
- b. Age² the asphalt binder in the Rolling Thin Film Oven (RTFO).
- c. Determine the penetration¹ of the aged binder (A).
- d. Add the rejuvenating agent or rejuvenating agent residue³ at the percentage recommended by the manufacturer (maximum 20% by weight) to the aged binder. Blend uniformly.
- e. Determine the penetration¹ of the rejuvenating agent / aged binder mixture. The penetration of this mixture shall be essentially equivalent to the penetration of the unaged PG 58-22.
- f. Age² the rejuvenating agent / aged binder mixture in the RTFO.
- g. Determine the penetration¹ of the aged rejuvenating agent / aged binder mixture (B).
- h. Determine the Aged Penetration Retention according to the following formula:

$$\text{Aged Penetration Retention, \%} = (B/A) \times 100$$

¹ AASHTO T 49 at 77°F (25°C).

² AASHTO T 240 aged for 5 hours at 325°F (163°C).

³ If the rejuvenating agent is an emulsion, obtain the residue according to the test procedure "Emulsified Asphalt Residue by Evaporation" located in AASHTO T 59.

Equipment. Equipment shall be according to the following.

<u>Item</u>	<u>Article/Section</u>
(a) Rollers	1101.01
(b) Pre-heater (Note 1)	
(c) Heater-Scarifier (Note 2)	

Note 1. The pre-heater shall be a separate independently self-propelled heating unit.

Note 2. The heater-scarifier shall be self-contained, power propelled unit capable of heating, scarifying, adding rejuvenating agent, mixing, and screeding the scarified asphalt surface.

The heating system shall use propane, fuel oil, or butane as fuel, capable of being turned on or off instantly and have a range of width to heat 4-inches beyond each side of the lane width. Heating of the asphalt pavement surface shall be accomplished in such a manner that adequate heat penetration is provided without excessive oxidation, or direct flame contact with the asphalt street. The heaters shall have an enclosed or shielded hood and allow for the pavement to be scarified to the specified depth with the surface temperature of the old pavement not exceeding 375°F (190°C). The machine shall be equipped with a minimum of two rows of spring-mounted scarification teeth. Teeth shall be evenly spaced with the rows offset by an amount equal to one-half of the tooth spacing. Teeth shall be capable of vertical movement, such that the rows of the teeth will follow any contours in the street profile to scarify to the required depth regardless of depression or high areas. Self-regulating controls shall be used to exert pressure from the weight of the machine onto the tooth mounting system, and to control the depth of scarification. The aggregate shall be dislodged, but not fractured, to the specified depth.

The machine shall be capable of adding rejuvenating agent uniformly over the area to be scarified at a uniform rate per distance traveled.

The machine shall be capable of lateral movement of the scarified materials as required, by using a reversible auger and/or adjustable blades. This system shall be capable of maintaining a uniform supply of scarified material distributed as required across the face if the spreader screed.

The heater-scarifier shall be equipped with an automatic electronic grade control device. The device shall be effective in leveling depressions. The device shall be capable of controlling the elevation of the screed relative to either a preset grade control string line or a grade reference device traveling on the adjacent pavement surface. The traveling grade reference device shall be not less than 30 ft (9 m) in length.

The screed or strike off assembly shall effectively produce a finished surface of the required evenness and texture without tearing, shoving or gouging the mixture.

CONSTRUCTION REQUIREMENTS

General. The entire surface to be rehabilitated shall be free of water, soil, vegetation, and foreign material. All base failures shall be repaired prior to the heating scarifying process according to Section 358. Rehabilitation work shall be performed only when the air temperature in the shade is at least 45 °F (7 °C) and the forecast is for rising temperatures.

The surface of the existing pavement shall be heated with a continuously moving heater to allow the pavement to be scarified to a 0.75 to 1.5 in (20 to 38 mm) average depth with the surface temperature of the old pavement not to exceed 375 °F (190 °C). Heat shall be applied under an enclosed or shielded hood and shall extend at least 4 in. (100 mm) beyond the width of scarification on both sides. Scarifying shall be accomplished with pressure scarifiers. The scarifying unit shall be equipped to scarify and move material away from the gutter flags for a depth of 1/2 in. (13 mm) by 4 in. (100 mm) wide. The heating-scarifying operation shall not exceed 30 ft (10 m) per minute. When a repaving pass is being made adjacent to a previously placed mat, the longitudinal repaving seam shall extend at least 2 in. (50 mm) into the previously placed mat.

Immediately after the scarifying operation, the rejuvenating agent shall be applied at the maximum rate of 0.20 gal/sq yd (0.5 L/sq m). The actual rate will be determined by the Contractor based on pavement condition, rejuvenating agent, and pavement samples. The Contractor will provide the Engineer with the application rate prior to construction. The application rate should not vary by more than ± 0.03 gal/sq yd (± 0.1 L/sq m) unless existing pavement conditions change. Any modification of the application rate shall be approved by the Engineer. The surface shall then be leveled by distributing the heated, scarified and treated (HST) material over the width being processed so as to produce a uniform cross section. The minimum temperature of the HST material after leveling shall be 175 °F (80 °C). The HST material shall be compacted before the temperature of the mix drops below 150 °F (65 °C).

Compaction shall be accomplished by performing a growth curve within the first half mile of production. If an adjustment is made to the rejuvenating agent's application rate, 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) vs. 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 breakdown roller used on the growth curve is 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.

TABLE 1 - MINIMUM ROLLER REQUIREMENTS FOR HIR – SURFACE RECYCLING			
Breakdown Roller (one of the following) ¹	Intermediate Roller	Final Roller (one or more of the following) ¹	Density Requirement
V _D , P	--	V _S , T _B , T _F	95 - 102 percent of the target density obtained on the growth curve

^{1/} Equipment definitions in Table 1 of Article 406.07.

Within 48 hours of the HST operation, a HMA surface course specified in the plans shall be placed according to Section 406.

Method of Measurement.

- (a) Contract Quantities. The requirement for use of contract quantities shall be according to Article 202.07(a).
- (b) Measured Quantities. The hot in-place recycling – surface recycling will be measured for payment in place and the area computed in square yards (square meters). The rejuvenating agent will be measured for payment in gallons (liters) according to Article 1032.02. The HMA surface will be measured for payment in tons (metric tons) according to Article 406.13.

Basis of Payment. This work will be paid for at the contract unit price per square yard (square meter) for HOT IN-PLACE RECYCLING – SURFACE RECYCLING, and ~~per gallon (liter) for REJUVENATING AGENT.~~

The HMA surface will be paid for according to Article 406.14

If provided as a pay item, the preparation of the base will be paid for according to Article 358.07. If not provided as a pay item, preparation of the base, including additional material required, shall be considered as included in the contract unit price bid for hot in-place recycling, and no additional compensation will be allowed.

State of Illinois
DEPARTMENT OF TRANSPORTATION
Bureau of Local Roads & Streets
SPECIAL PROVISION
FOR
LOCAL QUALITY ASSURANCE/ QUALITY MANAGEMENT QC/QA
Effective: January 1, 2022

Replace the first five paragraphs of Article 1030.06 of the Standard Specifications with the following:

“1030.06 Quality Management Program. The Quality Management Program (QMP) will be Quality Control / Quality Assurance (QC/QA) according to the following.”

Delete Article 1030.06(d)(1) of the Standard Specifications.

Revise Article 1030.09(g)(3) of the Standard Specifications to read:

“(3) If core testing is the density verification method, the Contractor shall provide personnel and equipment to collect density verification cores for the Engineer. Core locations will be determined by the Engineer following the document “Hot-Mix Asphalt QC/QA Procedure for Determining Random Density Locations” at density verification intervals defined in Article 1030.09(b). After the Engineer identifies a density verification location and prior to opening to traffic, the Contractor shall cut a 4 in. (100 mm) diameter core. With the approval of the Engineer, the cores may be cut at a later time.”

Revise Article 1030.09(h)(2) of the Standard Specifications to read:

“(2) After final rolling and prior to paving subsequent lifts, the Engineer will identify the random density verification test locations. Cores or nuclear density gauge testing will be used for density verification. The method used for density verification will be as selected below.

Density Verification Method	
☐	Cores
☒	Nuclear Density Gauge (Correlated when paving $\geq$ 3,000 tons per mixture)

Density verification test locations will be determined according to the document “Hot-Mix Asphalt QC/QA Procedure for Determining Random Density Locations”. The density testing interval for paving wider than or equal to 3 ft (1 m) will be 0.5 miles (800 m) for lift thicknesses of 3 in. (75 mm) or less and 0.2 miles (320 m) for lift thicknesses greater than 3 in. (75 mm). The density testing interval for paving less than 3 ft (1 m) wide will be 1 mile (1,600 m). If a day’s paving will be less than the prescribed density testing interval, the length of the day’s paving will be the interval for that day. The density testing interval for mixtures used for patching will be 50 patches with a minimum of one test per mixture per project.

If core testing is the density verification method, the Engineer will witness the Contractor coring, and secure and take possession of all density samples at the

density verification locations. The Engineer will test the cores collected by the Contractor for density according to Illinois Modified AASHTO T 166 or AASHTO T 275.

If nuclear density gauge testing is the density verification method, the Engineer will conduct nuclear density gauge tests. The Engineer will follow the density testing procedure detailed in the document "Illinois Modified ASTM D 2950, Standard Test Method for Density of Bituminous Concrete In-Place by Nuclear Method".

A density verification test will be the result of a single core or the average of the nuclear density tests at one location. The results of each density test must be within acceptable limits. The Engineer will promptly notify the Contractor of observed deficiencies."

Revise the seventh paragraph and all subsequent paragraphs in Section D. of the document "Hot-Mix Asphalt QC/QA Initial Daily Plant and Random Samples" to read:

"Mixtures shall be sampled from the truck at the plant by the Contractor following the same procedure used to collect QC mixture samples (Section A). This process will be witnessed by the Engineer who will take custody of the verification sample. Each sample bag with a verification mixture sample will be secured by the Engineer using a locking ID tag. Sample boxes containing the verification mixture sample will be sealed/taped by the Engineer using a security ID label."

Will County Prevailing Wage Rates posted on 5/21/2026

Trade Title	Rg	Type	C	Base	Foreman	Overtime					H/W	Pension	Vac	Trng	Other Ins	Add OT 1.5x owed	Add OT 2.0x owed
						M-F	Sa	Su	Hol								
ASBESTOS ABT-GEN	All	ALL		51.40	52.40	1.5	1.5	2.0	2.0	18.32	17.71	0.00	0.91	0.00	0.00	0.00	0.00
	All	BLD		42.02	45.38	1.5	1.5	2.0	2.0	16.44	16.64	0.00	0.92		3.37	6.73	
BOILERMAKER	All	BLD		62.06	67.64	2.0	2.0	2.0	2.0	7.07	27.81	0.00	3.69	2.72	0.00	39.95	
BRICK MASON	All	BLD		53.06	58.37	1.5	1.5	2.0	2.0	12.95	26.26	0.00	1.57	0.00	4.23	8.45	
CARPENTER	All	ALL		56.71	62.38	2.0	2.0	2.0	2.0	13.64	30.98	1.77	1.04		0.00	0.00	
CEMENT MASON	All	ALL		48.85	50.85	2.0	1.5	2.0	2.0	13.37	33.80	0.00	0.80	0.00	0.00	0.00	
CERAMIC TILE FINISHER	All	BLD		49.09	49.09	1.5	1.5	2.0	2.0	13.25	17.61	0.00	1.37	0.00	5.57	11.14	
CERAMIC TILE LAYER	All	BLD		57.04	62.04	1.5	1.5	2.0	2.0	13.25	21.60	0.00	1.50	0.00	7.63	15.26	
COMMUNICATION TECHNICIAN	All	BLD		46.00	50.60	1.5	1.5	2.0	2.0	17.54	18.15	0.00	0.75	2.37	0.00	0.00	
CONCRETE SPECIALIST	All	BLD		51.81	58.21	1.5	1.5	2.0	2.0	12.95	27.56	0.00	1.57	0.00	4.88	9.75	
CONCRETE SPECIALIST WELDER	All	BLD		54.40	58.21	1.5	1.5	2.0	2.0	12.95	27.56	0.00	1.57	0.00	4.88	9.75	
ELECTRIC PWR EQMT OP	All	ALL		64.58	70.87	1.5	1.5	2.0	2.0	12.99	22.45	0.00	3.66	0.00	0.00	0.00	
ELECTRIC PWR GRNDMAN	All	ALL		50.37	70.87	1.5	1.5	2.0	2.0	10.13	17.51	0.00	2.85	0.00	0.00	0.00	
ELECTRIC PWR LINEMAN	All	ALL		64.58	70.87	1.5	1.5	2.0	2.0	12.99	22.45	0.00	3.66	0.00	0.00	0.00	
ELECTRICIAN	All	BLD		56.00	61.04	1.5	1.5	2.0	2.0	18.13	22.93	0.00	1.35	5.40	0.00	0.00	
ELEVATOR CONSTRUCTOR	All	BLD		70.68	79.52	2.0	2.0	2.0	2.0	16.28	21.36	5.65	0.80		0.00	0.00	
GLAZIER	All	BLD		53.55	55.05	1.5	2.0	2.0	2.0	16.04	26.64	0.00	2.30	0.00	0.00	0.00	
HEAT/FROST INSULATOR	All	BLD		56.02	59.38	1.5	1.5	2.0	2.0	16.44	19.88	0.00	0.92		4.99	9.97	
IRON WORKER	All	ALL		52.00	57.20	2.0	2.0	2.0	2.0	14.61	30.95	0.00	1.10		0.00	0.00	
LABORER	All	ALL		51.40	52.15	1.5	1.5	2.0	2.0	18.32	17.71	0.00	0.91	0.00	0.00	0.00	
LATHER	All	ALL		56.71	62.38	2.0	2.0	2.0	2.0	13.64	30.98	1.77	1.04		0.00	0.00	
MACHINIST	All	BLD		60.39	64.39	1.5	1.5	2.0	2.0	11.43	9.95	1.85	1.47	0.00	0.00	0.00	
MARBLE FINISHER	All	ALL		40.21	54.60	1.5	1.5	2.0	2.0	12.95	23.81	0.00	0.98	0.00	3.00	6.00	
MARBLE SETTER	All	BLD		52.00	57.20	1.5	1.5	2.0	2.0	12.95	25.57	0.00	1.25	0.00	3.88	7.76	
MATERIAL TESTER I	All	ALL		41.40		1.5	1.5	2.0	2.0	18.32	17.71	0.00	0.91	0.00	0.00	0.00	
MATERIALS TESTER II	All	ALL		46.40		1.5	1.5	2.0	2.0	18.32	17.71	0.00	0.91	0.00	0.00	0.00	

Will County Prevailing Wage Rates posted on 5/21/2026

MILLWRIGHT	All	ALL		56.71	62.38	2.0	2.0	2.0	2.0	2.0	2.0	13.64	30.98	1.77	1.04		0.00	0.00
OPERATING ENGINEER	All	BLD	1	64.80	68.80	2.0	2.0	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	BLD	2	63.50	68.80	2.0	2.0	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75	0.00	0.00	0.00
OPERATING ENGINEER	All	BLD	3	60.95	68.80	2.0	2.0	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	BLD	4	59.20	68.80	2.0	2.0	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	BLD	5	68.55	68.80	2.0	2.0	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	BLD	6	65.80	68.80	2.0	2.0	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	BLD	7	67.80	68.80	2.0	2.0	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	FLT	1	73.95	73.95	1.5	1.5	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	FLT	2	72.45	73.95	1.5	1.5	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	FLT	3	67.95	73.95	1.5	1.5	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	FLT	4	63.45	73.95	1.5	1.5	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	FLT	5	75.45	73.95	1.5	1.5	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	FLT	6	63.45	73.95	1.5	1.5	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	HWY	1	63.00	67.00	1.5	1.5	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	HWY	2	62.45	67.00	1.5	1.5	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	HWY	3	60.40	67.00	1.5	1.5	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	HWY	4	59.00	67.00	1.5	1.5	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	HWY	5	57.80	67.00	1.5	1.5	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	HWY	6	66.00	67.00	1.5	1.5	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	HWY	7	64.00	67.00	1.5	1.5	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
PAINTER	All	ALL		54.30	61.09	1.5	1.5	1.5	2.0	1.5	2.0	16.26	17.59	0.00	1.86	0.00	0.00	0.00
PAINTER - SIGNS	All	BLD		48.16	54.11	1.5	1.5	2.0	2.0	2.0	2.0	8.20	16.81	0.00	0.00	0.00	0.00	0.00
PILEDRIIVER	All	ALL		56.71	62.38	2.0	2.0	2.0	2.0	2.0	2.0	13.64	30.98	1.77	1.04		0.00	0.00
PIPEFITTER	All	BLD		58.50	61.50	1.5	1.5	2.0	2.0	2.0	2.0	15.15	22.85	0.00	3.12	0.00	0.00	0.00
PLASTERER	All	BLD		51.10	54.17	1.5	1.5	2.0	2.0	2.0	2.0	18.43	22.10	0.00	1.25	0.00	0.00	0.00
PLUMBER	All	BLD		60.50	64.15	1.5	1.5	2.0	2.0	2.0	2.0	19.10	17.94	0.00	1.98		0.00	0.00
ROOFER	All	BLD		52.00	57.00	1.5	1.5	2.0	2.0	2.0	2.0	12.80	18.19	0.00	1.14	0.00	0.00	0.00
SHEETMETAL WORKER	All	BLD		58.83	63.54	1.5	1.5	2.0	2.0	2.0	2.0	17.16	19.90	0.00	1.79	2.62	0.00	0.00
SPRINKLER FITTER	All	BLD		63.20	65.95	1.5	1.5	2.0	2.0	2.0	2.0	15.45	19.95	0.00	1.15	0.00	0.00	0.00

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STONE MASON	All	BLD		53.06	58.37	1.5	1.5	2.0	2.0	12.95	26.26	0.00	1.57	0.00	4.23	8.45
SURVEY WORKER	All	BLD		58.45	59.45	1.5	1.5	2.0	2.0	19.10	14.40	0.00	1.59		0.00	0.00
SURVEY WORKER	All	HWY		58.45	59.45	1.5	1.5	2.0	2.0	19.10	14.40	0.00	1.59		0.00	0.00
TERRAZZO FINISHER	All	BLD		51.44	51.44	1.5	1.5	2.0	2.0	13.25	18.87	0.00	1.41	0.00	4.45	8.89
TERRAZZO MECHANIC	All	BLD		55.35	58.85	1.5	1.5	2.0	2.0	13.25	20.26	0.00	1.46	0.00	4.70	9.39
TRAFFIC SAFETY WORKER I	All	HWY		43.40	45.40	1.5	1.5	2.0	2.0	10.08	10.08	0.00	1.05	0.00	0.00	0.00
TRAFFIC SAFETY WORKER II	All	HWY		44.40	46.40	1.5	1.5	2.0	2.0	10.08	10.08	0.00	1.05	0.00	0.00	0.00
TRUCK DRIVER	All	ALL	1	47.95	48.50	1.5	1.5	2.0	2.0	12.15	14.31	0.00	0.35	0.00	0.00	0.00
TRUCK DRIVER	All	ALL	2	48.10	48.50	1.5	1.5	2.0	2.0	12.15	14.31	0.00	0.35		0.00	0.00
TRUCK DRIVER	All	ALL	3	48.30	48.50	1.5	1.5	2.0	2.0	12.15	14.31	0.00	0.35	0.00	0.00	0.00
TRUCK DRIVER	All	ALL	4	48.50	48.50	1.5	1.5	2.0	2.0	12.15	14.31	0.00	0.35	0.00	0.00	0.00
TUCK POINTER	All	BLD		52.53	53.53	1.5	1.5	2.0	2.0	11.05	23.16	0.00	1.46	0.00	0.00	0.00

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 WILL COUNTY

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

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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, masonry, cardboard, and any new type of products that may be used to protect tile installations, Blastrac equipment, and all floor scarifying equipment used in preparing floors to receive tile. The clean up and removal of all waste and materials. All demolition of existing tile floors and walls to be re-tiled.

COMMUNICATIONS TECHNICIAN

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

MARBLE FINISHER

Loading and unloading trucks, distribution of all materials (all stone, sand, etc.), stocking of floors with material, performing all rigging for heavy work, the handling of all material that may be needed for the installation of such materials, building of scaffolding, polishing if needed, patching, waxing of material if damaged, pointing up, caulking, grouting and cleaning of marble, holding water on diamond or Carborundum blade or saw for setters cutting, use of tub saw or any other saw needed for preparation of material, drilling of holes for wires that anchor material set by setters, mixing up of molding plaster for installation of material, mixing up thin set for the installation of material, mixing up of sand to cement for the installation of material and such other work as may be required in helping a Marble Setter in the handling of all material in the erection or installation of

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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 Placing Boom; Concrete Pump Concrete Paver Over 27E cu. ft. and Under; Concrete Placer; Concrete Tower; Cranes, (GCI and similar Type); Creter Crane; Spider Crane; (Truck Mounted); Concrete Tower; Cranes, All; Cranes, Hammerhead; Cranes, (GCI and similar Type); Grader; Grouting Machines; 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.

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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

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Electric Drill Winches.

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

Class 6. Field Mechanics and Field Welders

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

OPERATING ENGINEER - FLOATING

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

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

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

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

Class 5. Friction or Lattice Boom Cranes.

Class 6. ROV Pilot, ROV Tender

SURVEY WORKER

Operates survey equipment (such as levels, transits, data collectors, GPS and robotic total stations) for the purpose of performing construction layout and/or grade checking.

SURVEY FOREMAN

Operates survey equipment (such as levels, transits, data collectors, GPS and robotic total stations) for the purpose of performing construction layout and/or grade checking; oversees survey crew operations; and/or coordinates work of survey crews.

TRAFFIC SAFETY Worker I

Traffic Safety Worker I - work associated with the delivery, installation, pick-up and servicing of safety devices during periods of roadway construction, including such work as set-up and maintenance of barricades, barrier wall reflectors, drums, cones, delineators, signs, crash attenuators, glare screen and other such items, and the layout and application or removal of conflicting and/or temporary roadway markings utilized to control traffic in construction zones, as well as flagging for these operations.

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TRAFFIC SAFETY WORKER II

Work associated with the installation and removal of permanent pavement markings and/or pavement markers including both installations performed by hand and installations performed by truck.

TRUCK DRIVER - BUILDING, HEAVY AND HIGHWAY CONSTRUCTION

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

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

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

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

TERRAZZO FINISHER

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

Other Classifications of Work:

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

LANDSCAPING

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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".

ABV	ABOVE	CU YD	CUBIC YARD	HATCH	HATCHING	PM	PAVEMENT MARKING	STD	STANDARD
A/C	ACCESS CONTROL	CULV	CULVERT	HD	HEAD	PED	PEDESTAL	SBI	STATE BOND ISSUE
AC	ACRE	C&G	CURB & GUTTER	HDW	HEADWALL	PNT	POINT	SR	STATE ROUTE
ADJ	ADJUST	D	DEGREE OF CURVE	HDUTY	HEAVY DUTY	PC	POINT OF INTERSECTION OF HORIZONTAL CURVE	STA	STATION
AS	AERIAL SURVEYS	DC	DEPRESSED CURVE	ha	HECTARE	PI	POINT OF INTERSECTION OF HORIZONTAL CURVE	SPBGR	STEEL PLATE BEAM GUARDRAIL
AGG	AGGREGATE	DET	DETECTOR	HMA	HOT MIX ASPHALT	PRC	POINT OF REVERSE CURVE	SS	STORM SEWER
AH	AHEAD	DIA	DIAMETER	HORIZ	HORIZONTAL	PT	POINT OF TANGENCY	STY	STORY
APT	APARTMENT	DIST	DISTRICT	HSE	HOUSE	POT	POINT ON TANGENT	STR	STRUCTURE
ASPH	ASPHALT	DOM	DOMESTIC	IL	ILLINOIS	POT	POLYETHYLENE	e	SUPERELEVATION RATE
AUX	AUXILIARY	DBL	DOUBLE	IMP	IMPROVEMENT	PCC	PORLAND CEMENT CONCRETE	S.E. RUN	SUPERELEVATION RUNOFF LENGTH
AUX	AUXILIARY GAS VALVE (SERVICE)	DSEL	DOWNSTREAM ELEVATION	IN	INCH	PP	POWER POLE OR PRINCIPAL POINT	SURF	SURFACE
AGS	AVENUE	DSFL	DOWNSTREAM FLOWLINE	INL	INCH DIAMETER	PRM	PRIME	SMK	SURVEY MARKER
AVE	AXIS OF ROTATION	DR	DRAINAGE OR DRIVE	INST	INSTALLATION	PE	PRIVATE ENTRANCE	T	TANGENT DISTANCE
BK	BACK	DI	DRAINAGE INLET OR DROP INLET	IDS	INTERSECTION DESIGN STUDY	PROF	PROFILE	T.R.	TANGENT RUNOUT DISTANCE
B-B	BACK TO BACK	DRV	DRIVEWAY	INV	INVERT	PGL	PROFILE GRADELINE	TEL	TELEPHONE
BKPL	BACKPLATE	DCT	DUCT	IP	IRON PIPE	PROJ	PROJECT	TB	TELEPHONE BOX
B	BARN	EA	EACH	IR	IRON ROD	P.C.	PROPERTY CORNER	TP	TELEPHONE POLE
BARR	BARRICADE	EOP	EASTBOUND	JT	JOINT	P.L	PROPOSED	TEMP	TEMPORARY
BL	BASELINE	EOP	EDGE OF PAVEMENT	kg	KILOGRAM	PR	RADIUS OR RESIDENTIAL	TBM	TEMPORARY BENCH MARK
BGN	BEGIN	E-CL	EDGE TO CENTERLINE	km	KILOMETER	R	RAILROAD SPIKE	TD	TILE DRAIN
BM	BENCHMARK	E-E	EDGE TO EDGE	LS	LANDSCAPING	RRS	RAILROAD SPIKE	TBE	TO BE EXTENDED
BIND	BINDER	ELEC	ELECTRICAL	LN	LANE	RR	RAILROAD SPIKE	TBR	TO BE REMOVED
BIT	BITUMINOUS	EL	ELEVATION	LT	LEFT	RPS	REFERENCE POINT STAKE	TBS	TO BE SAVED
BTM	BOTTOM	ENTR	ENTRANCE	LIDAR	LIGHT DETECTION AND RANGING	REF	REFLECTIVE	TWP	TOWNSHIP
BLVD	BOULEVARD	EXC	EXCAVATION	LGT	LIGHT POLE	RCPP	REINFORCED CONCRETE CULVERT PIPE	TR	TOWNSHIP ROAD
BRK	BRICK	EX	EXISTING	LGP	LIGHTING	REINF	REINFORCEMENT	TS	TRAFFIC SIGNAL
BBOX	BUFFALO BOX	EXPWAY	EXPRESSWAY	L	LINEAL FEET OR LINEAR FEET	REM	REMOVE	TSCB	TRAFFIC SIGNAL CONTROL BOX
BLDG	BUILDING	E	EXTERNAL DISTANCE TO VERTICAL CURVE	L	LINEAL FEET OR LINEAR FEET	RC	REMOVAL	TSC	TRAFFIC SIGNALS CENTER
CATV	CABLE	E	EXTERNAL DISTANCE TO VERTICAL CURVE	L	LINEAL FEET OR LINEAR FEET	REP	REPLACEMENT	TRVS	TRANSVERSE
CIP	CATCH BASIN	F-F	FACE TO FACE	LC	LONG CHORD	REST	RESTAURANT	TRVL	TRAVEL
CB	CATCH BASIN	F	FEDERAL AID	LNG	LONGITUDINAL	RESURF	RESURFACING	TRN	TURN
C-C	CENTER TO CENTER	FAP	FEDERAL AID INTERSTATE	L SUM	LUMP SUM	RET	RETAINING	TY	TYPE
CL	CENTERLINE OR CLEARANCE	FAP	FEDERAL AID PRIMARY	MACH	MACHINE	RT	RIGHT	T-A	TYPE A
CL-E	CENTERLINE TO EDGE	FAS	FEDERAL AID SECONDARY	MH	MANHOLE	ROW	RIGHT-OF-WAY	TYP	TYPICAL
CL-F	CENTERLINE TO FACE	FALS	FEDERAL AID URBAN SECONDARY	MB	MAIL BOX	RD	ROAD	USGS	U.S. GEOLOGICAL SURVEY
CTS	CENTERS	FP	FENCE POST	MATL	MATERIAL	RTE	ROUTE	USEL	UPSTREAM ELEVATION
CERT	CERTIFIED	FE	FIBER OPTIC	MED	MEDIAN	SAN	SANITARY SEWER	USFL	UPSTREAM FLOWLINE
CHSLD	CHISELED	FH	FIRE HYDRANT	METH	METHOD	SECS	SECTION	UTL	UTILITY
CS	CITY STREET	FL	FLOW LINE	m	MILLIMETER	SEED	SEEDING	VBOX	VALVE BOX
CLSD	CLOSED	FB	FOOT BRIDGE	m DIA	MILLIMETER DIAMETER	S	SHAPING	VLT	VAULT
CLID	CLOSED	FDN	FOUNDATION	MIX	MIXTURE	S	SHAPING	VLT	VAULT
CLID	CLOSED	FR	FRAME	NBH	MODIFIED	SH	SHEET	VEH	VEHICLE
COMB	COMBINATION	F&G	FRAME & GRATE	NOD	MODIFIED	SH	SHEET	VP	VENT PIPE
CE	COMMERCIAL BUILDING	FR	FRAME	MFT	MOTOR FUEL TANK	SHLD	SHOULDER	VC	VERTICAL
CE	COMMERCIAL ENTRANCE	G	GALLON	N & BC	NAIL & BOTTLE CAP	SW	SIDEWALK OR SOUTHWEST	VC	VERTICAL
CONC	CONCRETE	GALV	GALVANIZED	N & C	NAIL & CAP	SIG	SIGNAL	VPC	VERTICAL POINT OF CURVATURE
CONST	CONSTRUCT	G	GAS VALVE	N & W	NAIL & WASHER	SOD	SODDING	VPI	VERTICAL POINT OF INTERSECTION
CONT	CONTINUED	GM	GAS METER	NC	NORMAL CROWN	SM	SOLID MEDIAN	VPT	VERTICAL POINT OF TANGENCY
CONT	CONTINUOUS	GVS	GAS VALVE	NE	NORTHBOUND	SB	SOUTHBOUND	WM	WATER METER
COR	CORNER	GR	GRATE	NE	NORTHEAST	SE	SOUTHEAST	WV	WATER VALVE
CORR	CORROGATED	GRAN	GRANULAR	NW	NORTHWEST	SPL	SPECIAL	WMAIN	WATER MAIN
CMP	CORROGATED METAL PIPE	GR	GRATE	O/S	OFFSET	SD	SPECIAL DITCH	WB	WESTBOUND
CNTY	COUNTY	GRVL	GRAVEL	O&G	OIL AND CHIP	SO FT	SQUARE FEET	W	WITH
CH	COUNTY HIGHWAY	GND	GROUND	OLD	OPEN LID	m ²	SQUARE METER	WILDFL	WILDFLOWERS
CSE	COURSE	GUT	GUTTER	PAT	PATTERN	m ²	SQUARE METER	W	WITH
XSECT	CROSS SECTION	GP	GUY POLE	PVD	PAVED	SO YD	SQUARE YARD	WO	WITHOUT
m ³	CUBIC METER	GW	GUY WIRE	PVMT	PAVEMENT	STB	STABILIZED		
mm ³	CUBIC MILLIMETER	HH	HANDHOLE						

DATE		REVISIONS		STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
1-1-26		Updated bike lane symbol, bike shared roadway symbol, and signing items.		
1-1-21		Updated fonts, abbreviations, and symbols.		
				STANDARD 000001-09
				(Sheet 1 of 9)

APPROVED

ENGINEER OF TRAFFIC AND SIGNALS

APPROVED

ENGINEER OF DESIGN AND ENVIRONMENT

JUNE 11, 2028

2028

2026

ISSUED 1-1-97

[illegible]

[illegible]

LIGHTING (contd.)		PAVEMENT MARKINGS	
EX	PR	EX	PR
PAVEMENT (MISC.)		PAVEMENT MARKINGS	
EX	PR	EX	PR

PAVEMENT MARKINGS (contd.)		EX	PR	RAILROAD ITEMS		EX	PR
CL 2Ln 2Way RRPM 12.2 m (40') o.c.				Abandoned Railroad			
CL 2Ln 2Way RRPM 80' (24.4 m) o.c.				Railroad			
CL Multilane Div. RRPM 40' (12.2 m) o.c.				Railroad Point			
CL Multilane Div. RRPM 80' (24.4 m) o.c.				Control Box			
CL Multilane Div. RRPM 40' (12.2 m) o.c.				Crossing Gate			
CL Multilane Div. RRPM 80' (24.4 m) o.c.				Flashing Signal			
CL Multilane Div. Dbl. RRPM 80' (24.4 m) o.c.				Railroad Cant, Mast Arm			
CL Multilane Undiv.				Crossbuck			
Two Way Turn Left Line				REMOVAL ITEMS		EX	PR
Urban Combination Left				Removal Tic			
Urban Combination Right				Blumious Removal			
Urban Left Turn Arrow				Hatch Pattern			
Urban Right Turn Arrow				Tree Removal Single			
Urban Left Turn Only				RIGHT OF WAY ITEMS		EX	PR
Urban Right Turn Only				Future ROW Corner Monument			
Urban Thru Only				ROW Marker			
				ROW Line			
				Easement			
				Temporary Easement			
				STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS			
				STANDARD 000001-09			

Illinois Department of Transportation
 APPROVED:
 ENGINEER OF POLICY AND PROCEDURES
 APPROVED:
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97
 2025
 2154

Urban LT & RT Turn Arrow

Urban Thru Arrow

PAVEMENT MARKINGS

(contd.)

EX

PR

Urban U-Turn

Urban Combined U-Turn

Rural Combination Left

Rural Combination Right

Rural Left Turn Arrow

Rural Right Turn Arrow

Rural Left Turn Only

Rural Right Turn Only

Rural Thru Only

Rural Thru Arrow

Rural Lt & Rt Turn Arrow

Bike Lane Symbol

Bike Lane Text

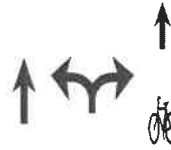
Bike Path Shared

Bike Shared Roadway

Lane Drop Symbol



ONLY ONLY ONLY



LANE
Bike



STANDARD SYMBOLS,
ABBREVIATIONS,
AND PATTERNS

(Sheet 6 of 9)

STANDARD 000001-09

Illinois Department of Transportation

APPROVED 2025

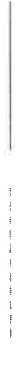
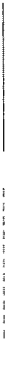
ENGINEER OF POLICY AND PROCEDURES

APPROVED 2016

ENGINEER OF DESIGN AND ENVIRONMENT

Wrong Way Arrow

ISSUED 1-1-97

RIGHT OF WAY ITEMS (contd.)		ROADWAY PROFILES		SIGNING ITEMS (contd.)	
Access Control Line		PR		Two Way Traffic Sign W6-3 (Half Size)	
Access Control Line & ROW		PR		Delour Ahead W20-2(O) (Half Size)	
Access Control Line & ROW with Fence		PR		Left Lane Closed Ahead W20-5(L)(O) (Half Size)	
Excess ROW Line		PR		Right Lane Closed Ahead W20-5(R)(O) (Half Size)	
ROADWAY PLAN ITEMS		SIGNING ITEMS		Road Closed Ahead W20-3(O) (Half Size)	
Cable Barrier		EX		Road Construction Ahead W20-1103(O) (Half Size)	
Concrete Barrier		EX		One Lane Road Ahead W20-4(O) (Half Size)	
Edge of Pavement		EX		Lane Ends W4-2R(O) (Half Size)	
Bit Shoulders, Medians and C&G Line		EX		Lane Ends W4-2L(O) (Half Size)	
Aggregate Shoulder		EX		One Way Arrow Lrg. W1-6(O) (Half Size)	
Sidewalks, Driveways		EX		Two Way Arrow Large W1-7(O) (Half Size)	
Guardrail		EX		STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS	
Guardrail Post		EX		STANDARD 000001-09	
Traffic Sign		EX		(Sheet 7 of 9)	
Corrugated Median		EX			
Impact Attenuator		EX			
North Arrow with District Office (Half Size)		EX			
Match Line		EX			
Slope Limit Line		EX			
Typical Cross-Section Line		EX			

SIGNING ITEMS (contd.)		EX	PR
Detour M4-10L-(O) (Half Size)			
Detour M4-10R-(O) (Half Size)			
One Way Left R6-1L (Half Size)			
One Way Right R6-1R (Half Size)			
Left Turn Lane R3-1100L (Half Size)			
Keep Right R4-7			
Keep Right R4-7AR (Half Size)			
Keep Left R4-8			
Keep Left R4-8AL (Half Size)			
Stop Here On Red R10-6-AL (Half Size)			
Stop Here On Red R10-6-AR (Half Size)			
No Left Turn R3-2 (Half Size)			
No Right Turn R3-1 (Half Size)			
Road Closed R11-2 (Half Size)			
Road Closed Thru Traffic R11-4 (Half Size)			

STRUCTURES ITEMS		EX	PR
Box Culvert Barrel			
Box Culvert Headwall			
Bridge Pier			
Bridge			
Retaining Wall			
Temporary Sheet Piling			

TRAFFIC SHEET ITEMS		EX	PR
Cable Number			
Left Turn Green			
Left Turn Yellow			
Signal Backplate			
Signal Section 8" (200 mm)			
Signal Section 12" (300 mm)			
Walk/Don't Walk Letters			
Walk/Don't Walk Symbols			

TRAFFIC SIGNAL ITEMS		EX	PR
Galv. Steel Conduit			
Underground Cable			
Detector Loop Line			
Detector Loop Large			
Detector Loop Small			
Detector Loop Quadrapole			
Detector Raceway			
Aluminum Mast Arm			
Steel Mast Arm			
Veh. Detector Magnetic			
Conduit Splice			

UTILITIES ITEMS	EX	PR
Controller		
Double Handhole		
Fire Hydrant		
GuyWire or Deadman Anchor		
Handhole		
Heavy Duty Handhole		
Junction Box		
Light Pole		
Manhole		
Monitoring Well (Gasoline)		
Pipeline Warning Sign		
Power Pole		
Power Pole with Light		
Sanitary Sewer Cleanout		
Splice Box Above Ground		
Telephone Splice Box Above Ground		
Telephone Pole		
Traffic Signal		
Traffic Signal Control Box		
Water Meter		
Water Meter Valve Box		
Profile Line		
Aerial Power Line		

VEGETATION ITEMS	EX	PR
Deciduous Tree		
Bush or Shrub		
Evergreen Tree		
Stump		
Orchard/Nursery Line		
Vegetation Line		
Woods & Bush Line		

WATER FEATURE ITEMS	EX	PR
Stream or Drainage Ditch		
Waters Edge		
Water Surface Indicator		
Water Point		
Disappearing Ditch		
Marsh		
Marsh/Swamp Boundary		

STANDARD SYMBOLS,
ABBREVIATIONS,
AND PATTERNS

(Sheet 9 of 9)

STANDARD 000001-09



APPROVED

January 1, 2026



ISSUED 1-1-97

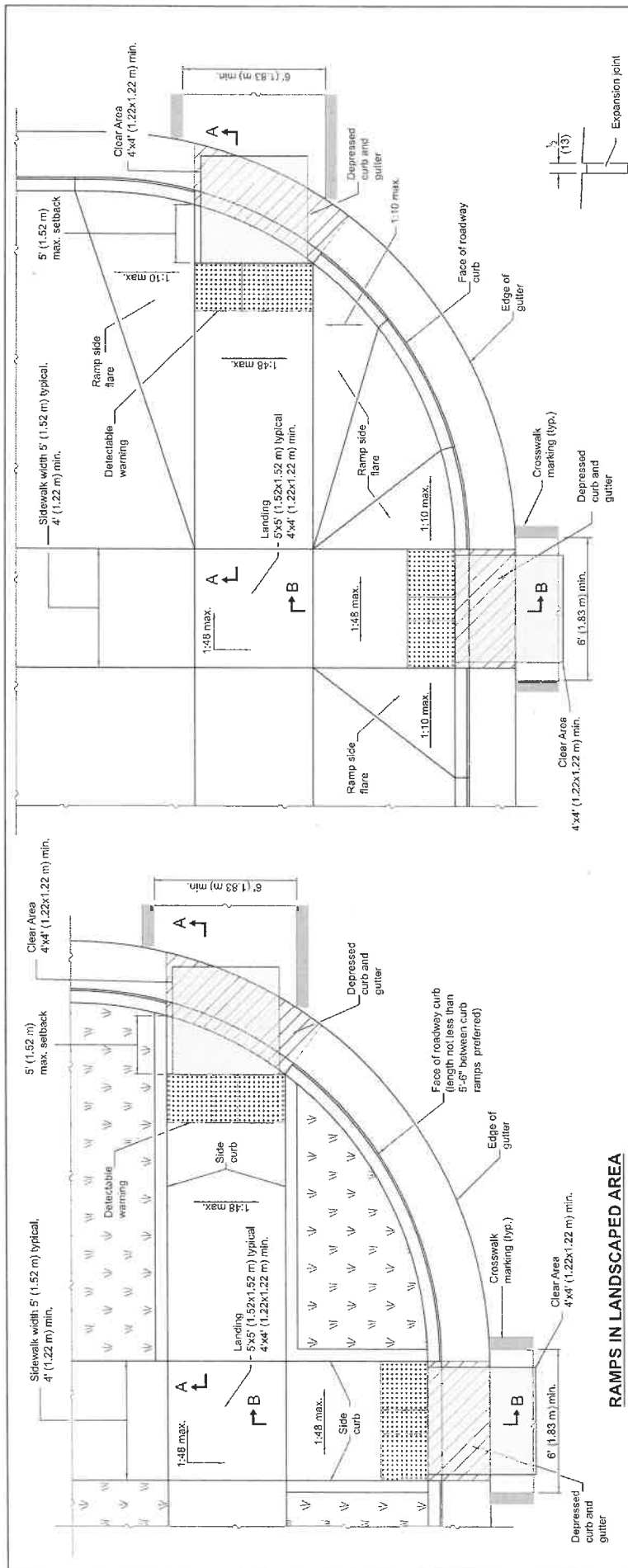
APPROVED

January 1, 2026

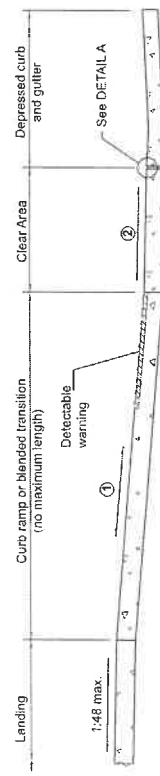


ENGINEER OF POLICY AND PROCEDURES

ENGINEER OF DESIGN AND ENVIRONMENT

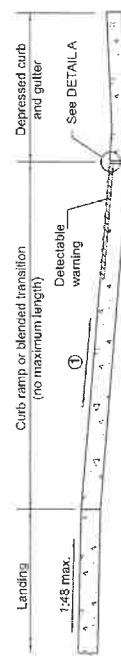


**RAMP IN PAVED AREA
SETBACK ≤ 5'**



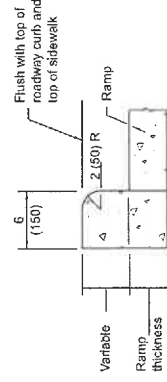
SECTION A-A

- ① The running slope of a curb ramp shall be 1:12 max. The running slope of a blended transition shall be 1:20 max.
- ② Clear Area shall be located outside the travel lane inclusive of any bicycle lanes. The running slope shall be 1:20 max and the cross slope shall be:
 - Signalized/Uncontrolled Intersection - 1:20
 - Yield/Stop Controlled Intersection - 1:48
 - Midblock - grade of the road



SECTION B-B

- ① The running slope of a curb ramp shall be 1:12 max. The running slope of a blended transition shall be 1:20 max.



SIDE CURB DETAIL

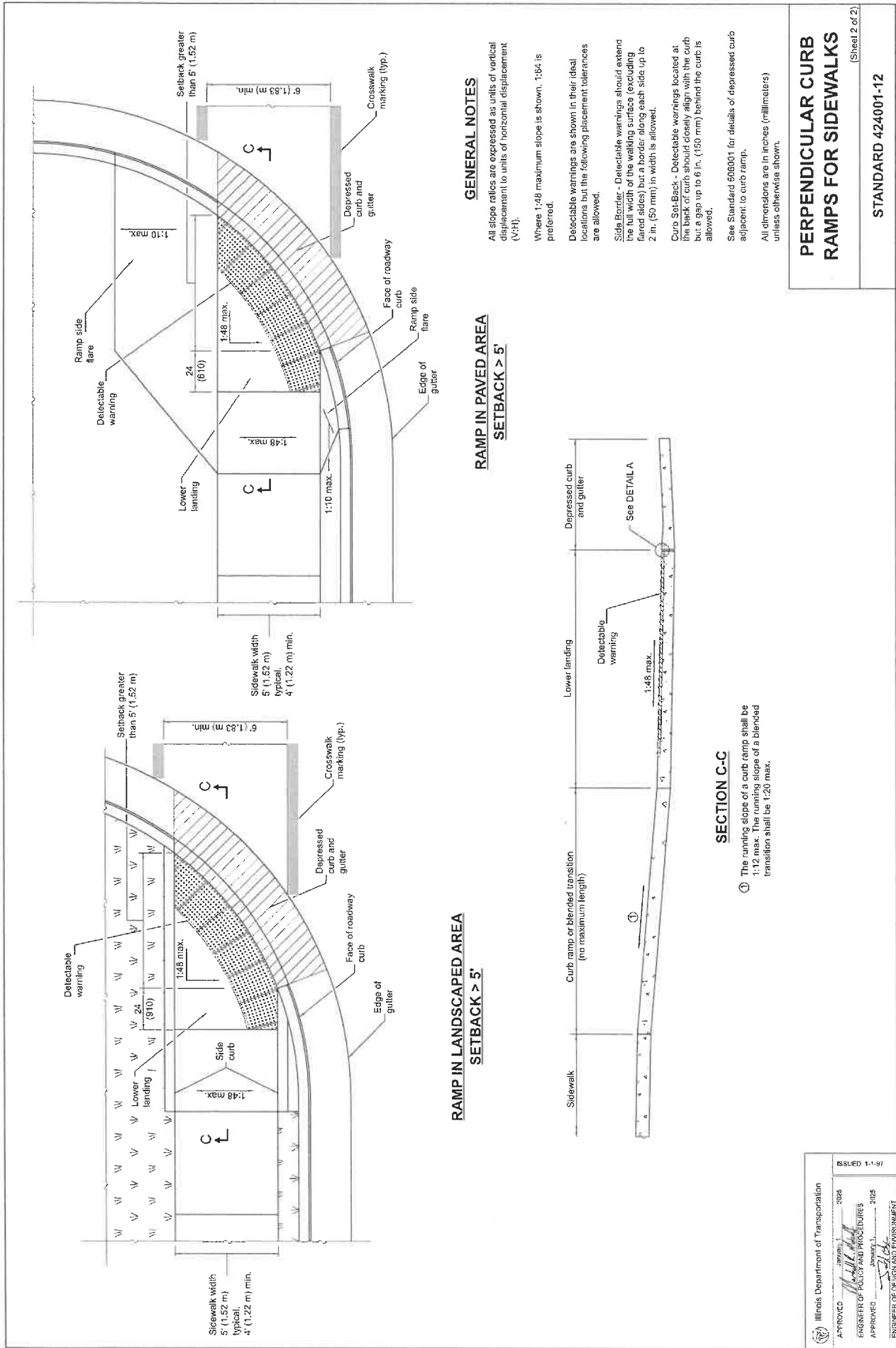
DATE		REVISIONS	
1-1-25		Indicated "Clear Area" Location and updated cross-slopes.	
1-1-19		Removed "15-foot rule", added "Blended transitions" and placement tolerances for detectable warnings.	

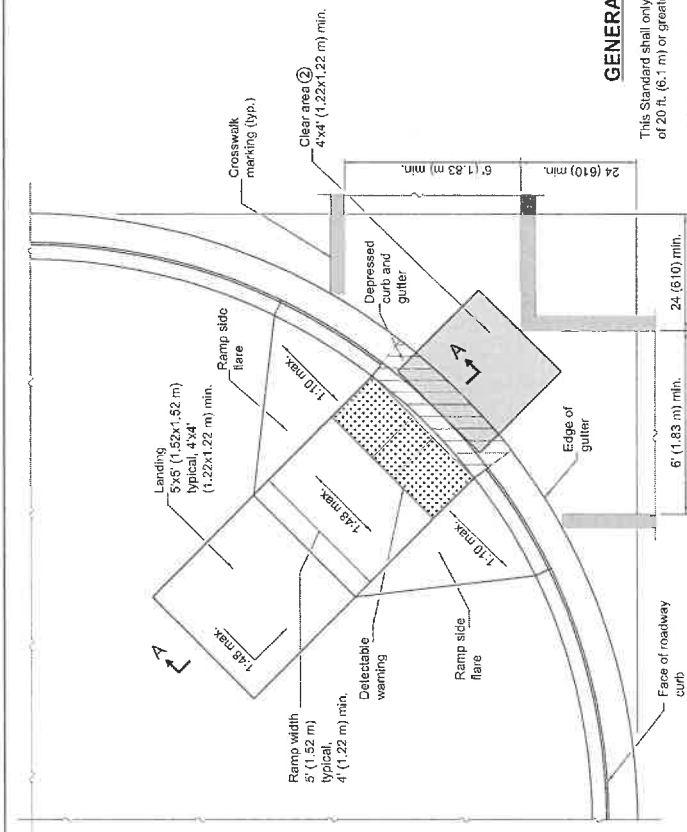
ISSUED 1-1-97	
Illinois Department of Transportation	
APPROVED	2025
ENGINEER OF POLICY AND PROCEDURES	
APPROVED	2015
ENGINEER OF DESIGN AND ENVIRONMENT	

**PERPENDICULAR CURB
RAMPS FOR SIDEWALKS**

(Sheet 1 of 2)

STANDARD 424001-12





② Clear area shall be located outside the travel lane inclusive of any bicycle lanes. The running slope shall be 1:20 max and the cross slope shall be:

- Signalized/Uncontrolled Intersection - 1:20
- Yield/Stop Controlled Intersection - 1:48
- Midblock - grade of road

This Standard shall only be used for curb radii of 20 ft. (6.1 m) or greater.

Where 1:4.8 maximum slope is shown, 1:6.4 is preferred.

Detectable warnings are shown in their ideal locations but the following placement tolerances are allowed.

Side Border.—Detectable warnings should extend the full width of the walking surface (excluding flared sides) but a border along each side up to 2 in. (50 mm) in width is allowed.

Curb Set-Back - Detectable warnings located at the back of curb should closely align with the curb but a gap up to 6 in. (150 mm) behind the curb is allowed.

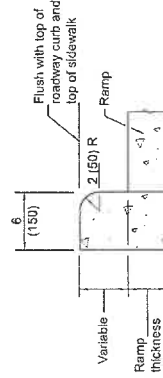
All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

See Standard 606001 for details of depressed curb adjacent to curb ramp.

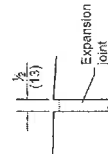
All dimensions are in inches (millimeters) unless otherwise shown.

STANDARD 424006-06

DATE	REVISIONS
1-1-25	Indicated "Clear Area" location and updated cross-slopes.
1-1-21	Clarified minimum crosswalk width and locations.



① The running slope of a curb ramp shall be 1:12 max. The running slope of a blended transition shall be 1:20 max.



DETAIL A

ISSUED 1-1-12

APPROVED January 1, 2025

ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2025

ENGINEER OF DESIGN AND ENVIRONMENT



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

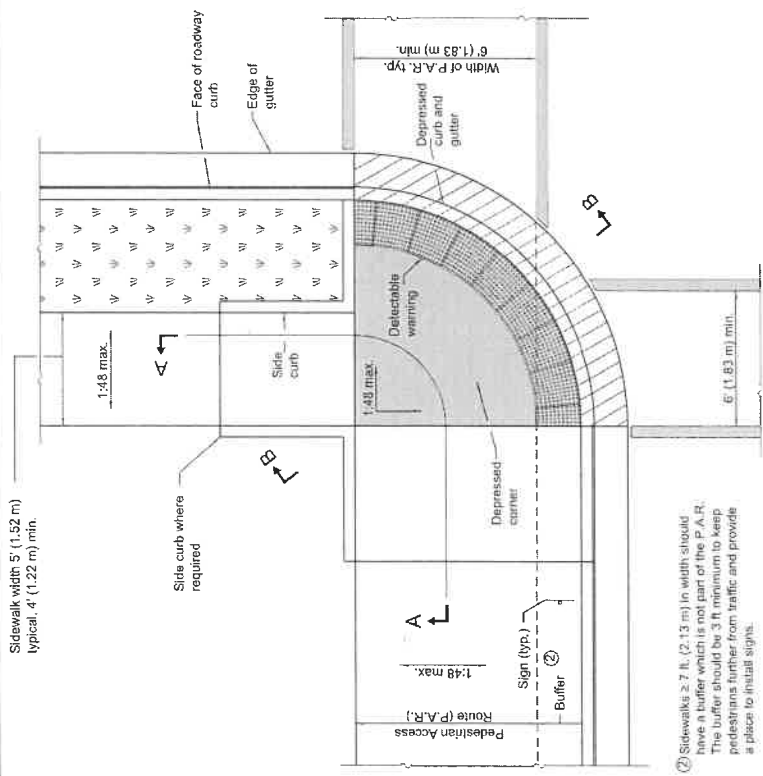


DATE	REVISIONS
1-1-25	Revised turning space with landing and updated cross-slope.
1-1-19	Removed upper landing, added blended transitions and detectable warning tolerances.

MID-BLOCK CURB RAMPS FOR SIDEWALKS

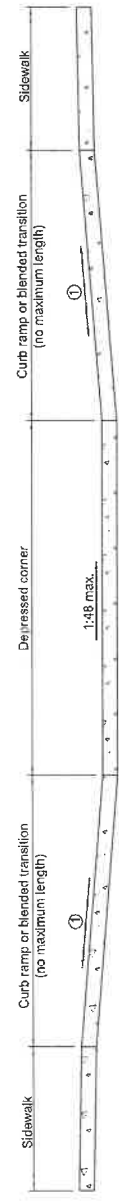
STANDARD 424016-06

Sidewalk width 5' (1.52 m)
typical, 4' (1.22 m) min.



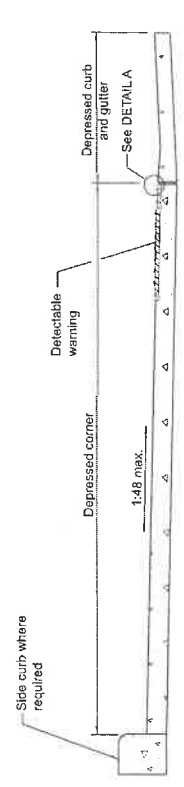
② Sidewalks ≥ 7 ft. (2.13 m) in width should have a buffer which is not part of the P.A.R. The buffer should be 3 ft minimum to keep pedestrians further from traffic and provide a place to install signs.

DEPRESSED CORNER

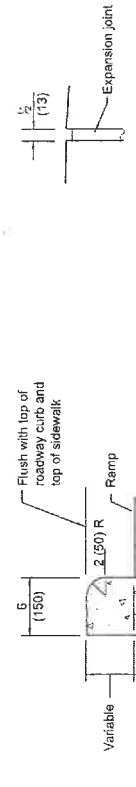


SECTION A-A

① The running slope of a curb ramp shall be 1:12 max. The running slope of a blended transition shall be 1:20 max.

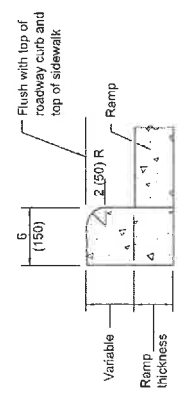


SECTION B-B



DETAIL A

SIDE CURB DETAIL



GENERAL NOTES

- This standard shall only be used for curb radii of 6 ft. (1.83 m) or greater.
- All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).
- Where 1:48 maximum slope is shown, 1:64 is preferred.
- Depressible warnings are shown in their ideal tolerances but the following placement tolerances are allowed.
- Side Border - Detectable warnings should extend the full width of the walking surface (excluding flared sides) but a border along each side up to 2 in. (50 mm) in width is allowed.
- Curb Set-Back - Detectable warnings located at the back of curb should closely align with the curb but a gap up to 6 in. (150 mm) behind the curb is allowed.
- See Standard 606001 for details of depressed curb adjacent to curb ramp.
- All dimensions are in inches (millimeters) unless otherwise shown.

DEPRESSED CORNER FOR SIDEWALKS

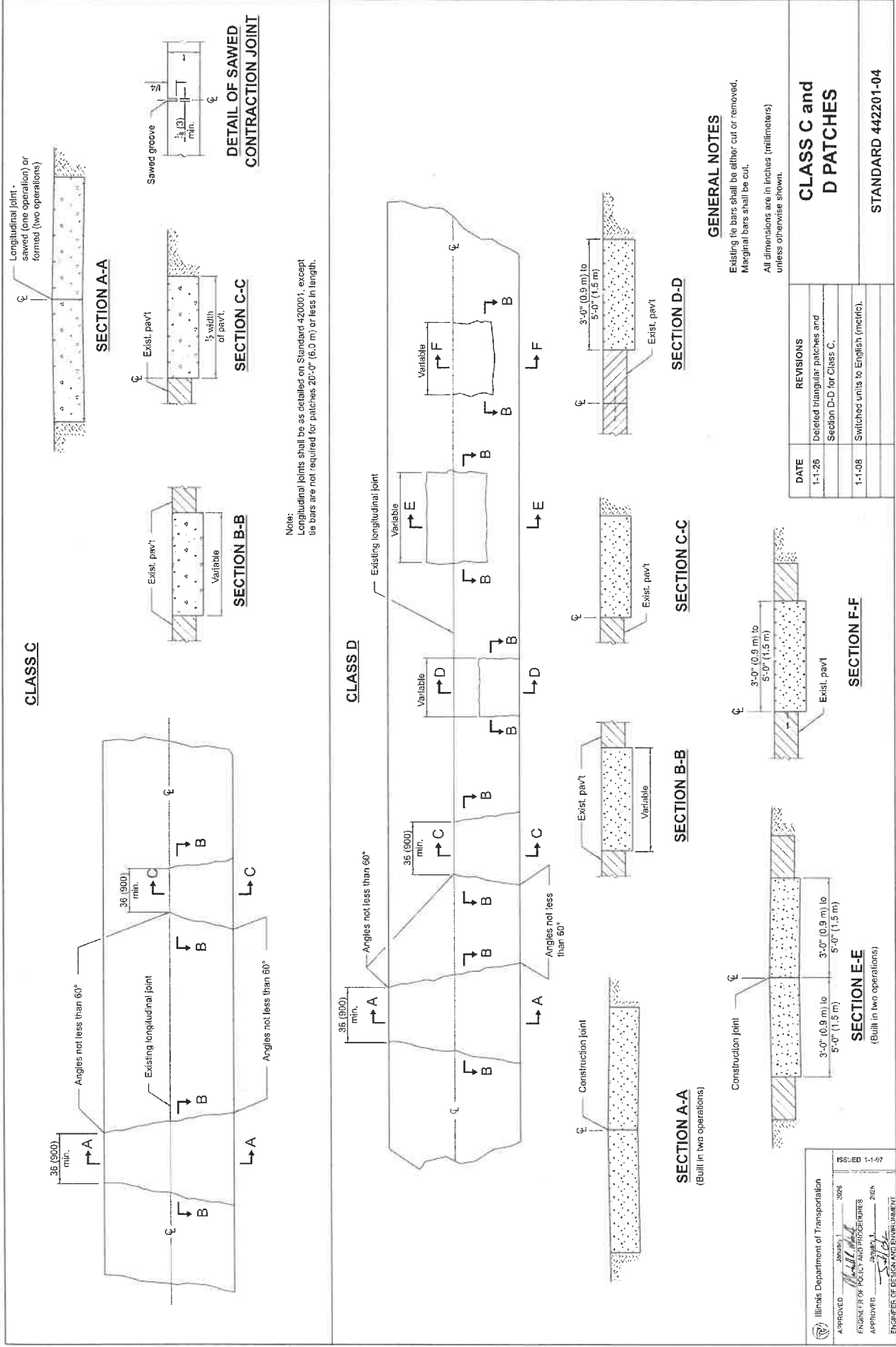
DATE	REVISIONS
1-1-25	Remove min running slope from note 1 and updated cross-slope.
1-1-21	Added crosswalk striping and a "buffer" for wide sidewalks.

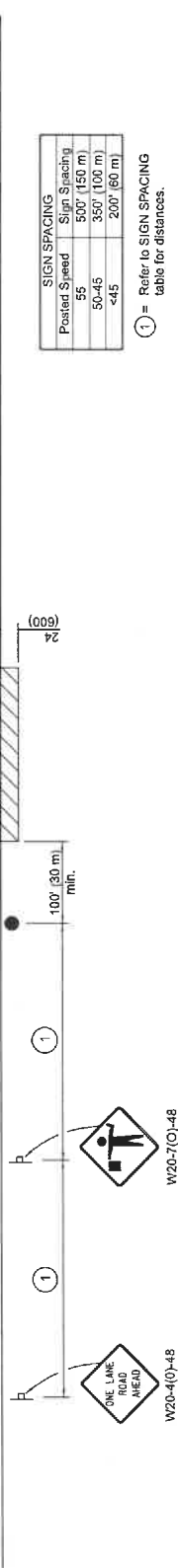
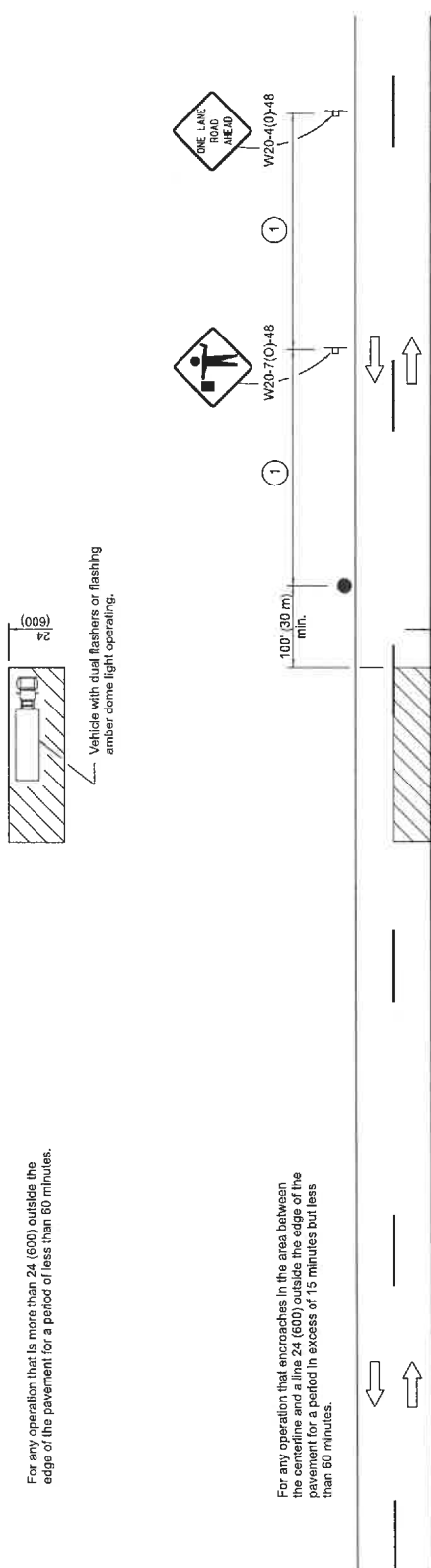
STANDARD 424021-07

APPROVED
January 1, 2025
Michael H. Hest
ENGINEER OF POLICY AND PROCEDURES

APPROVED
January 1, 2025
Seth B. Hest
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-12





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

① = Refer to SIGN SPACING table for distances.

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

**LANE CLOSURE, 2L, 2W,
SHORT TIME OPERATIONS**

DATE	REVISIONS
1-1-11	Revised flagger sign.
1-1-09	Switched units to English (metric).

STANDARD 701301-04

SYMBOLS

Work area

Sign on portable or permanent support

Flagger with traffic control sign

TYPICAL APPLICATIONS

Marking patches

Field survey
String line

Utility operations

Utility operations

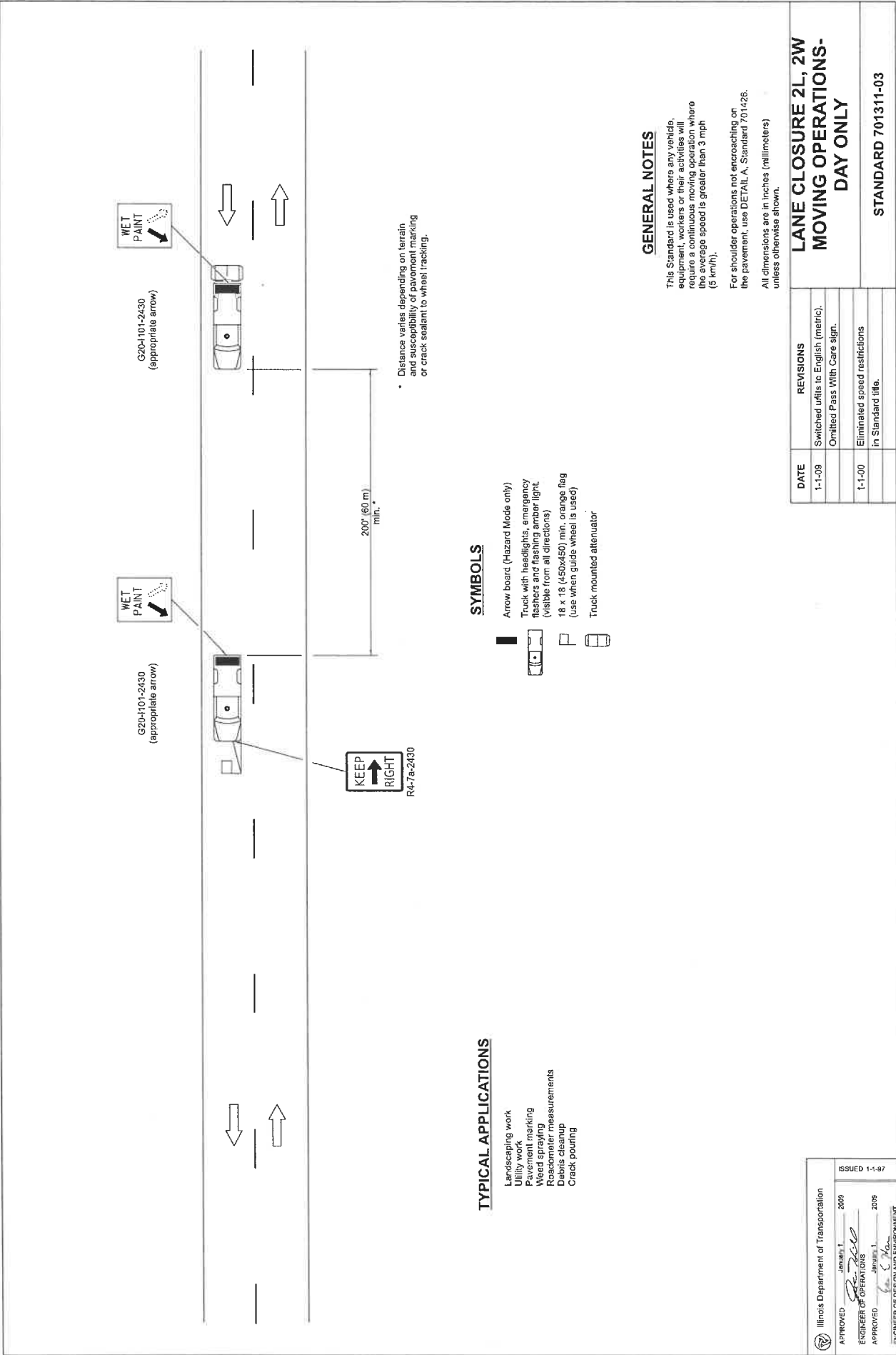
 Illinois Department of Transportation

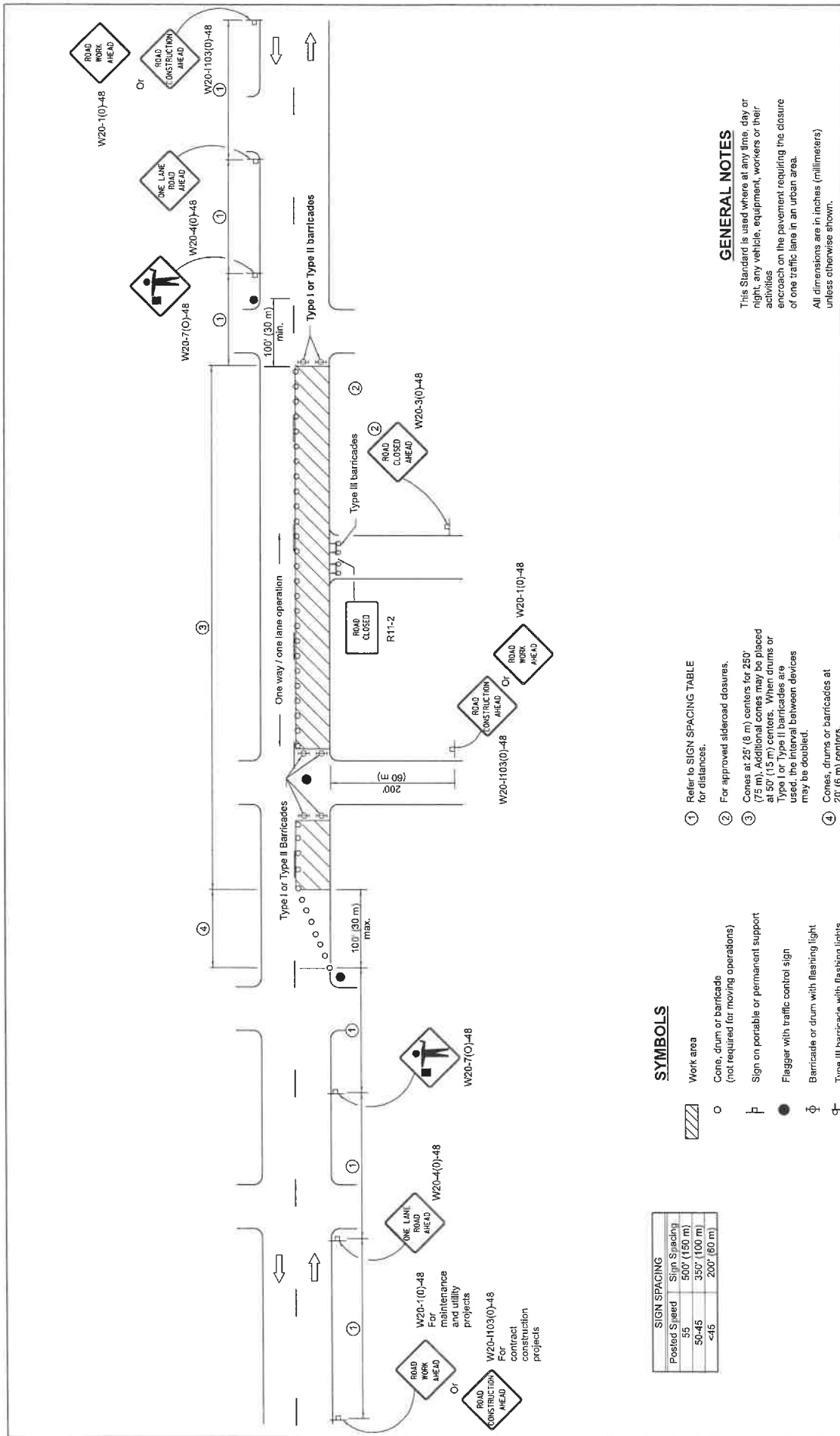
Approved:	January 1, 2011
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Therese L. Kas
ENGINEER OF SAFETY ENGINEERING

APPROVED January 1, 2011

ENGINEER OF DESIGN AND ENVIRONMENT





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

SYMBOLS

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

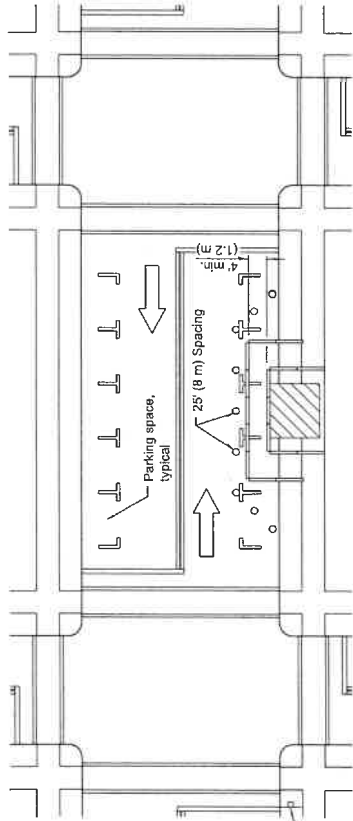
- ① Refer to SIGN SPACING TABLE for distances.
- ② For approved roadside closures.
- ③ Cones at 25' (8 m) centers for 250' (75 m) advance center may be placed at 50' (15 m) centers. When drums or Type I or Type II barricades are used, the interval between devices may be doubled.
- ④ Cones, drums or barricades at 20' (6 m) centers.

GENERAL NOTES

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

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

 Illinois Department of Transportation		ISSUED 1-1-07	
APPROVED <u>January 1, 2011</u>		2011	
ENGINEER OF SAFETY ENGINEERING <u>[Signature]</u>		---	
APPROVED <u>January 1, 2011</u>		2011	
ENGINEER OF DESIGN AND ENVIRONMENT <u>[Signature]</u>		---	

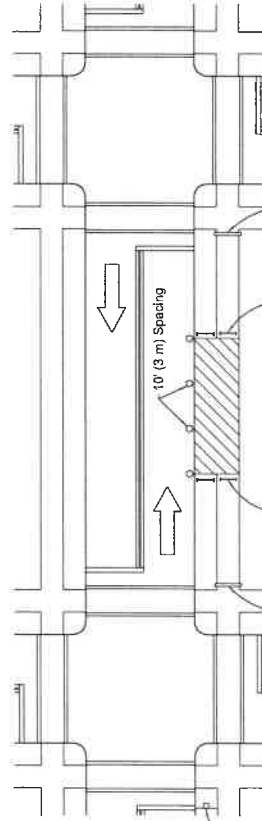


W20-1103(0)-48 for contract construction projects

Or

W20-1(0)-48 for maintenance and utility projects

SIDEWALK DIVERSION



W20-1103(0)-48 for contract construction projects

Or

W20-1(0)-48 for maintenance and utility projects

SIDEWALK CLOSURE

SYMBOLS

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

GENERAL NOTES

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

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

Temporary facilities shall be detectable and accessible.

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

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

Type III barricades and R11-2-4830 signs shall be positioned as shown in "ROAD CLOSED TO ALL TRAFFIC" detail on Standard 701801.

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

① Omit whenever duplicated by road work traffic control.

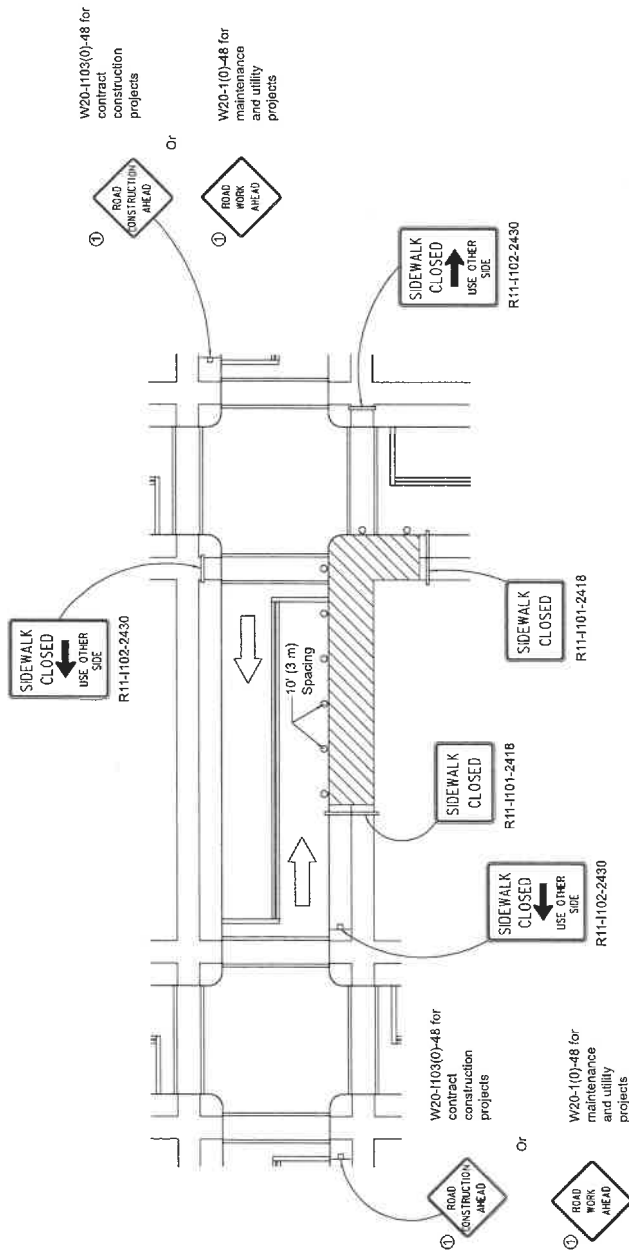
DATE	REVISIONS
4-1-16	Omitted orange safety fence from standard as this is covered in the standard spec.
1-1-12	Added SIDEWALK DIVERSION. Modified appearance of plan views.
	Renamed Standard.

SIDEWALK, CORNER OR CROSSWALK CLOSURE

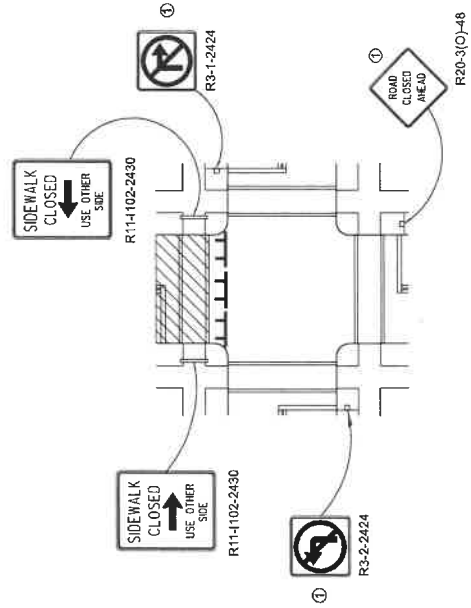
(Sheet 1 of 2)

STANDARD 701801-06

Illinois Department of Transportation		ISSUED 1-1-87
APPROVED	January 2018	
 ENGINEER OF SAFETY ENGINEERING		
APPROVED	2016	
 ENGINEER OF DESIGN AND ENVIRONMENT		



CORNER CLOSURE



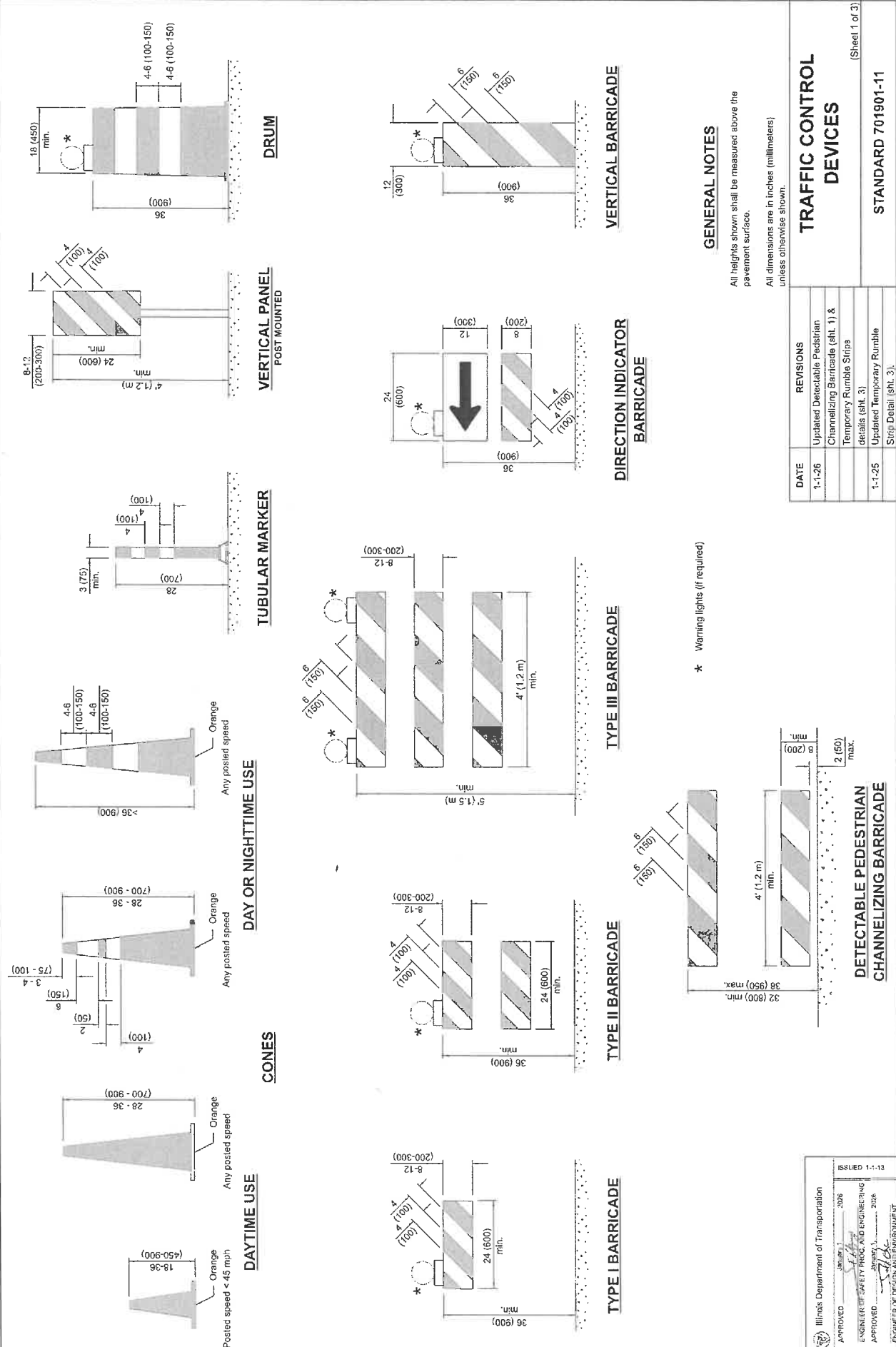
CROSSWALK CLOSURE

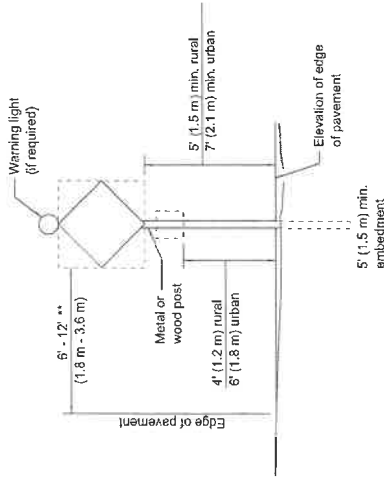
SIDEWALK, CORNER OR CROSSWALK CLOSURE

(Sheet 2 of 2)

STANDARD 701801-06

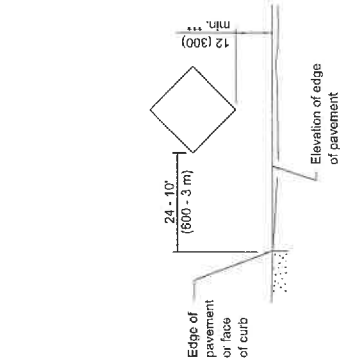
Illinois Department of Transportation APPROVED: <i>[Signature]</i> 2016 ENGINEER OF SAFETY ENGINEERING APPROVED: <i>[Signature]</i> 2016 ENGINEER OF THE ENVIRONMENT		ISSUED 1-1-97
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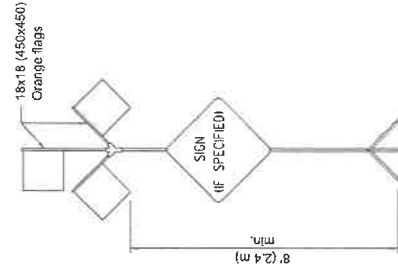
POST MOUNTED SIGNS

** When curb or paved shoulder are present this dimension shall be 24 (600) to the face of curb or 6' (1.8 m) to the outside edge of the paved shoulder.

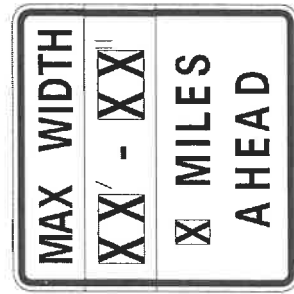


SIGNS ON TEMPORARY SUPPORTS

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



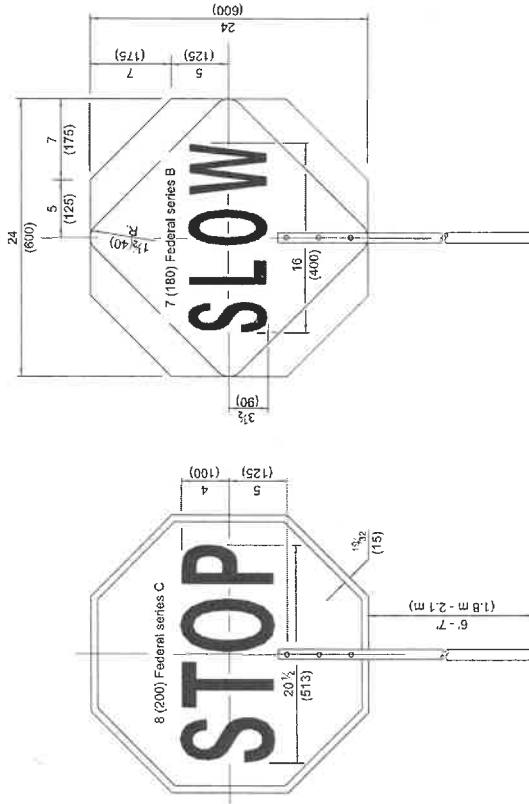
HIGH LEVEL WARNING DEVICE



W12-1103-4848

WIDTH RESTRICTION SIGN

XX-XX" width and X miles are variable.



FRONT SIDE

REVERSE SIDE

FLAGGER TRAFFIC CONTROL SIGN

Illinois Department of Transportation	
APPROVED	2024
ENGINEER OF SAFETY PROCS. AND ENGINEERING	2024
APPROVED	2024
ENGINEER OF DESIGN AND ENVIRONMENT	2024

ROAD CONSTRUCTION NEXT X MILES
G20-1104(0)-6036
END CONSTRUCTION
G20-1105(0)-6024

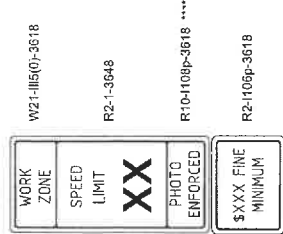
This signing is required for all projects 2 miles (3200 m) or more in length.

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

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

Dual sign displays shall be utilized on multi-lane highways.

WORK LIMIT SIGNING



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

END WORK ZONE SPEED LIMIT
G20-1103-6036

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

HIGHWAY CONSTRUCTION

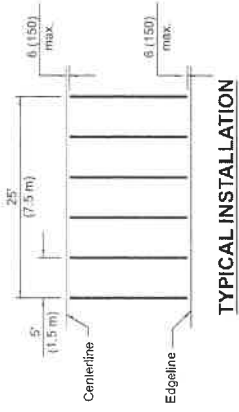
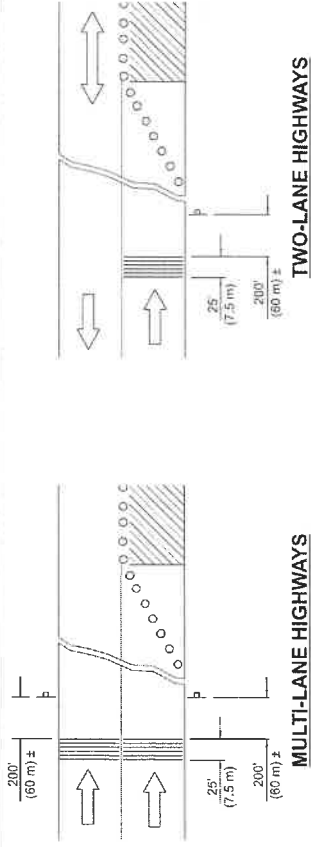
SPEED ZONE SIGNS

**** R10-1103p shall only be used along roadways under the jurisdiction of the State.

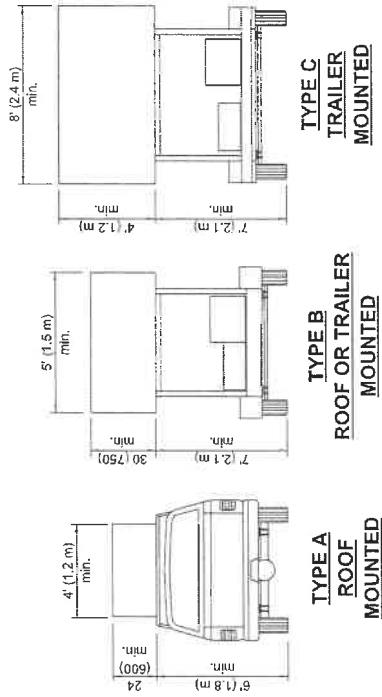
TRAFFIC CONTROL DEVICES

(Sheet 2 of 3)

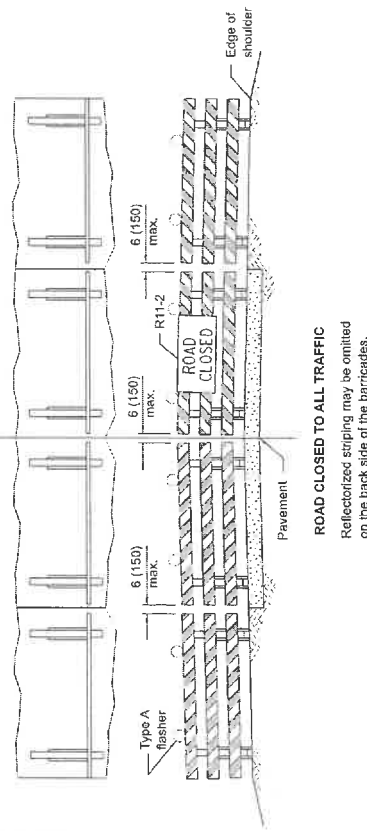
STANDARD 701901-11



TEMPORARY RUMBLE STRIPS



ARROW BOARDS



ROAD CLOSED TO THRU TRAFFIC
ReflectORIZED striping shall appear on both sides of the barricades.

TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD

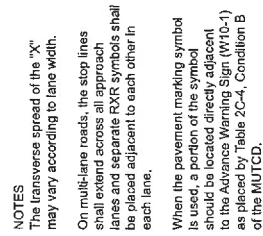
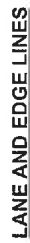
If a Type II barricade with an attached sign panel which meets NCHRP 350 or MASH is not available, the sign may be mounted on an NCHRP 350 or MASH temporary sign support directly in front of the barricade.

TRAFFIC CONTROL DEVICES

STANDARD 701901-11

(Sheet 3 of 3)

Illinois Department of Transportation	
APPROVED	ISSUED 1-1-13
ENGINEER OF SAFETY PROGRAMS AND ENGINEERING	2026
APPROVED	2026
ENGINEER OF DESIGN AND ENVIRONMENT	



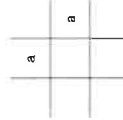
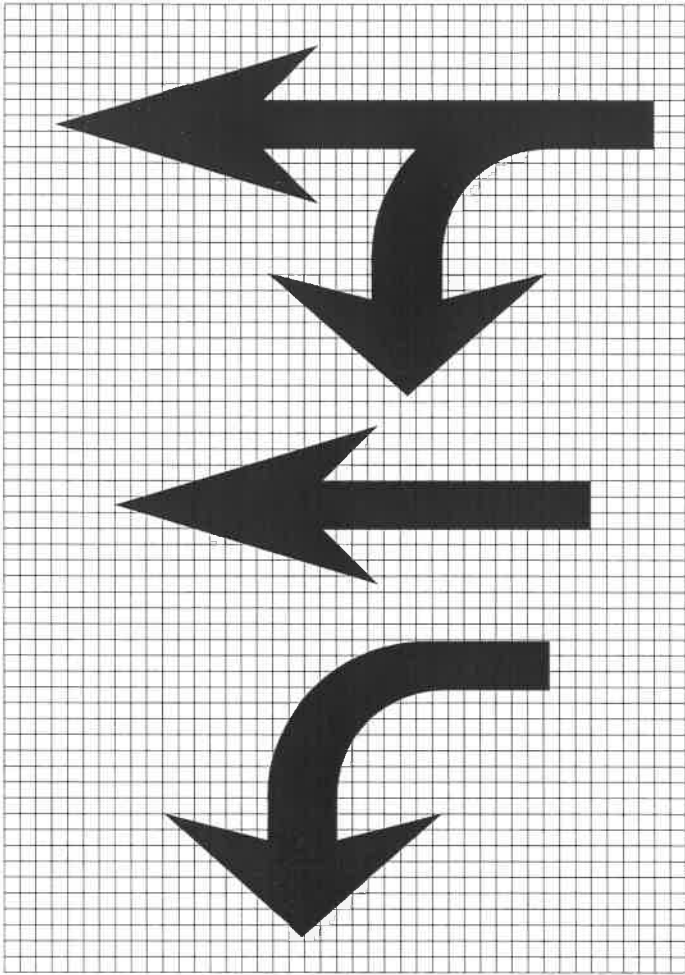
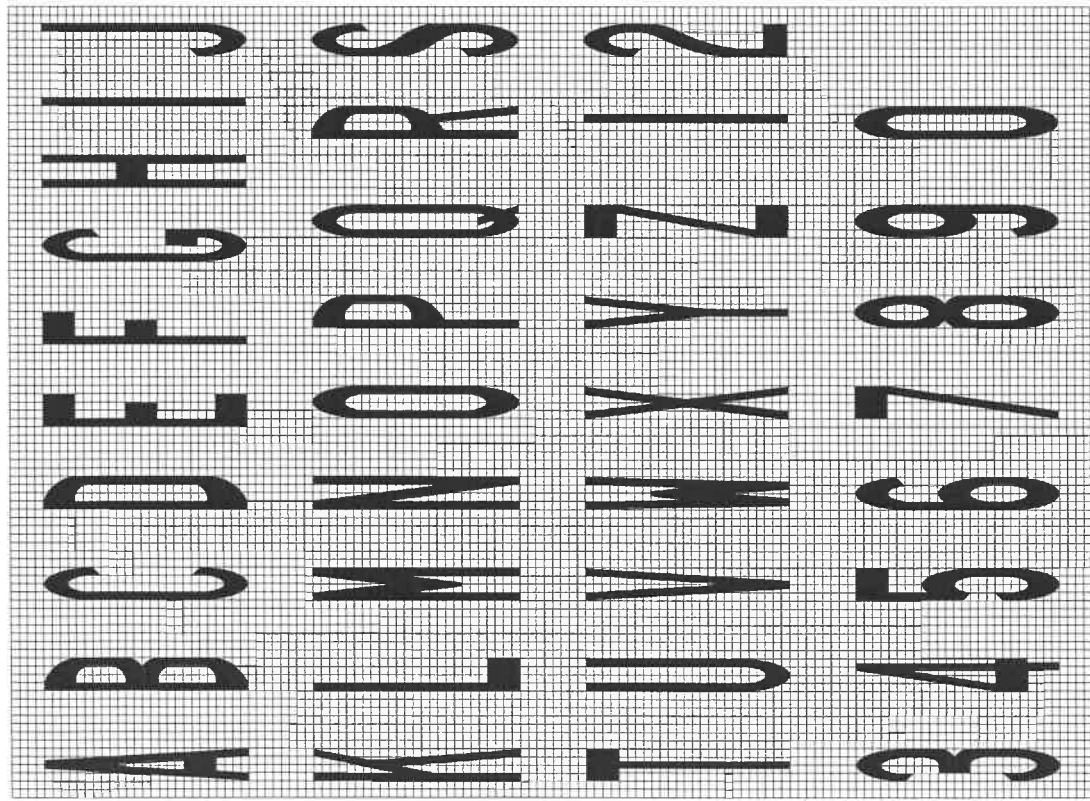
PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

TYPICAL PAVEMENT MARKINGS		(Sheet 1 of 3)
DATE	REVISIONS	
1-1-15	Added symbols. Revised bike symbol. Revised note for stop line at RR crossing.	
1-1-14	Added bike symbol. Renamed "LANE DROP ARROW" detail to "LANE-REDUCTION ARROW"	

(Sheet 1 of 3)

STANDARD 780001-05

 Illinois Department of Transportation	APPROVED _____ 2015 January 1	ISSUED 1-1-97
	ENGINEER OF OPERATIONS _____	
	APPROVED _____ 2015 August 1	
	ENGINEER OF DESIGN AND ENVIRONMENT _____	



Legend Height	Arrow Size	a
6' (1.8 m)	Small	2.9 (74)
8' (2.4 m)	Large	3.8 (96)

The space between adjacent letters or numerals should be approximately 3 (75) for 6' (1.8 m) legend and 4 (100) for 8' (2.4 m) legend.

LETTER AND ARROW GRID SCALE

TYPICAL PAVEMENT
MARKINGS

STANDARD 780001-05

(Sheet 2 of 3)

Illinois Department of Transportation

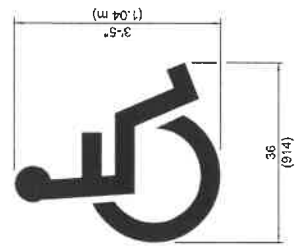
ISSUED 1-1-97

APPROVED January 1, 2015

ENGINEER OF OPERATIONS

APPROVED January 1, 2015

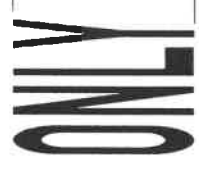
DIRECTOR OF DESIGN AND ENVIRONMENT



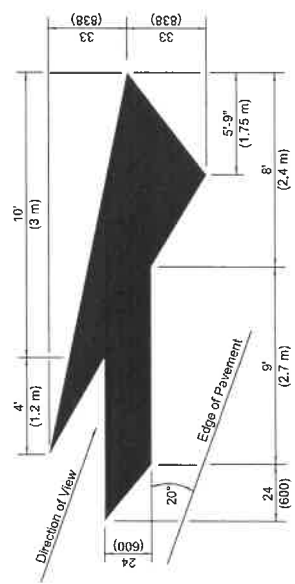
**INTERNATIONAL
SYMBOL OF
ACCESSIBILITY**



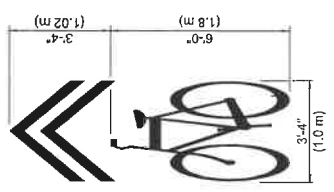
20' (6 m): urban
50' (15 m): rural
(Between arrow
and word or
between words)



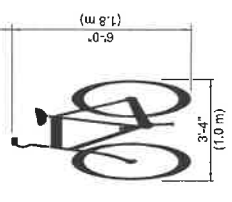
6' (1.8 m): urban
8' (2.4 m): rural



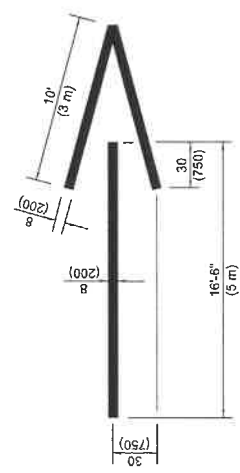
LANE-REDUCTION ARROW
Right lane-reduction arrow shown.
Use mirror image for left lane.



**SHARED LANE
SYMBOL**



BIKE SYMBOL
(Arrow is optional.)



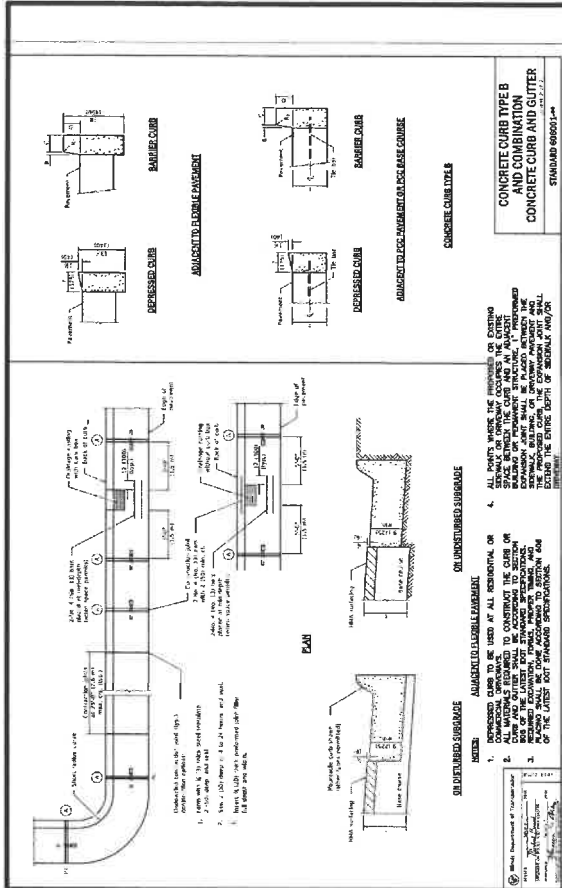
WRONG WAY ARROW

**TYPICAL PAVEMENT
MARKINGS**

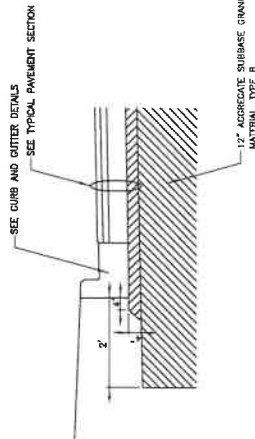
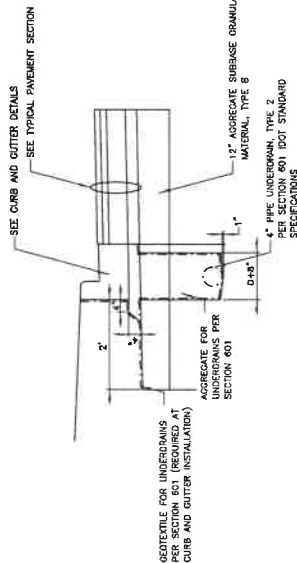
(Sheet 3 of 3)

STANDARD 780001-05

Illinois Department of Transportation		ISSUED 1-1-87	
APPROVED	January 1, 2015	APPROVED	January 1, 2015
ENGINEER OF OPERATIONS		ENGINEER OF DESIGN AND ENVIRONMENT	



USE CURRENT IDOT STANDARD

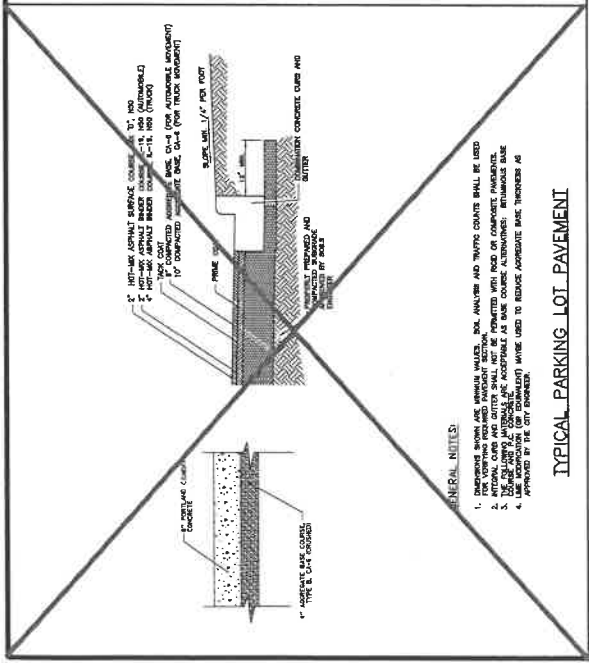


CONCRETE CURB AND GUTTER SECTION FOR HMA PAVEMENT WITH UNDERDRAIN FOR ALL MAJOR AND MINOR ARTERIALS

CONCRETE CURB AND GUTTER SECTION
FOR HMA PAVEMENT WITHOUT UNDERDRAIN

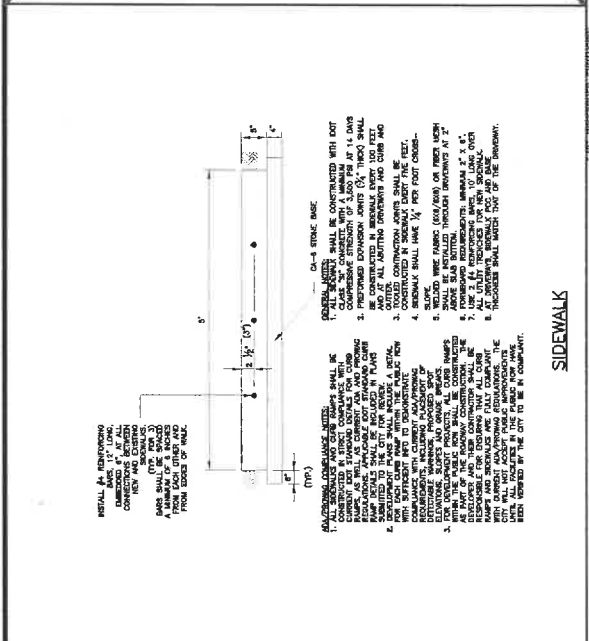
CITY OF CREST HILL
PAVEMENT, CURB AND GUTTER,
AND SIDEWALK STANDARD DETAILS

CITY OF CREST HILL		TITLE		PROJ. NO.	
PAVEMENT, CURB AND GUTTER,		DATE: 12/17/2025		DATE: 12/17/2025	
AND SIDEWALK STANDARD DETAILS		SHEET 5 OF 38		SHEET 5 OF 38	
		DRAWING NO.		DRAWING NO.	
		PLOT DATE: 12/17/2025		PLOT DATE: 12/17/2025	
		CADD USER:		CADD USER:	
		CADD MODEL:		CADD MODEL:	
		NATURE OF REVISION		NATURE OF REVISION	
		FILE NAME		FILE NAME	
		PWT-2		PWT-2	



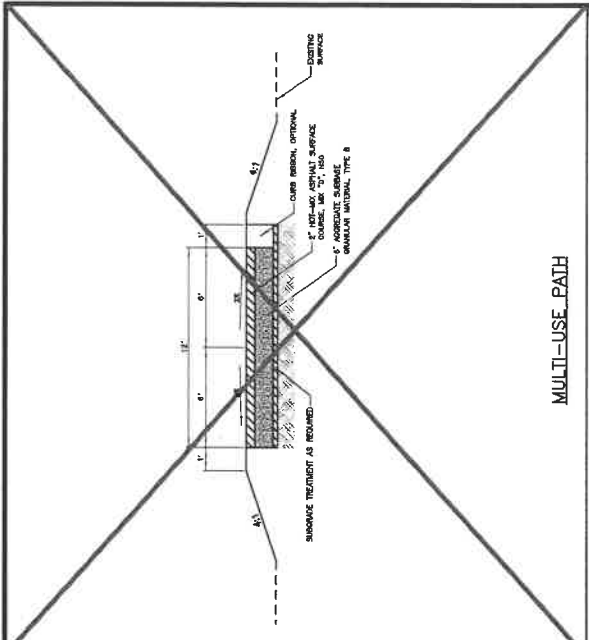
- GENERAL NOTES:**
1. FOR VARIOUS REQUIRED PARALLEL SECTION, CONSTRUCTION SHALL BE USED.
 2. THE CURB SHALL BE CONSTRUCTED WITH 12\"/>

TYPICAL PARKING LOT PAVEMENT

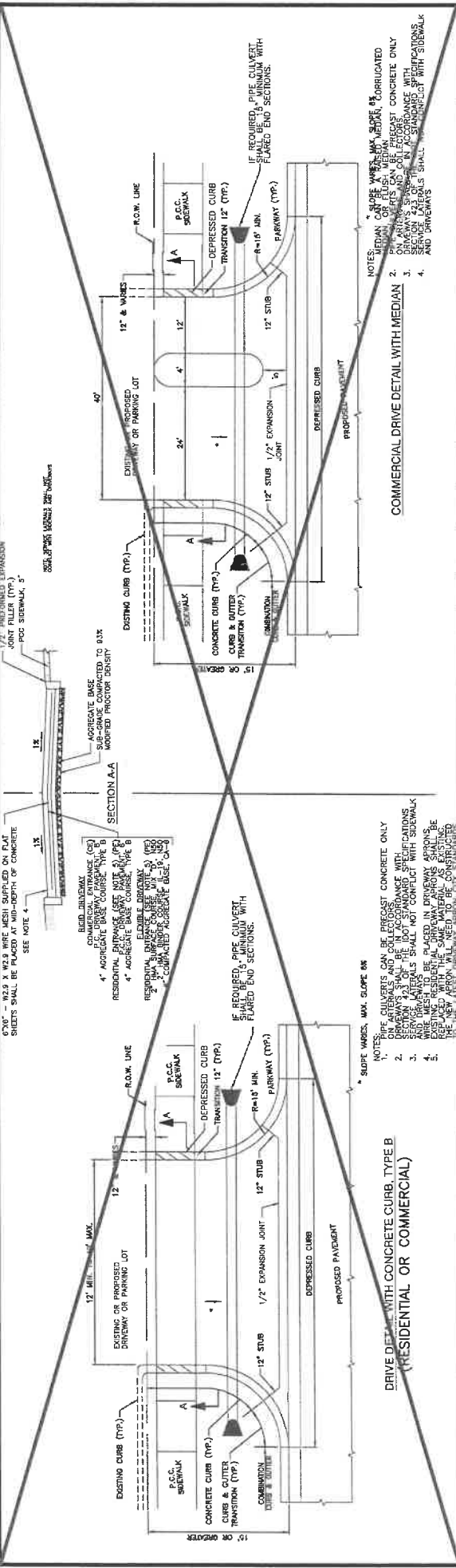


- GENERAL NOTES:**
1. 4\"/>

SIDEWALK



MULTI-USE PATH

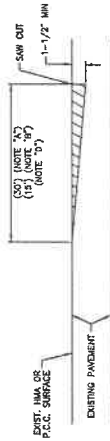


- NOTES:**
1. PIPE CULVERTS CAN BE PRECAST CONCRETE ONLY.
 2. DRIVEWAYS SHALL BE IN ACCORDANCE WITH SPECIFICATIONS.
 3. SERVICE MATERIALS SHALL NOT CONFLICT WITH SIDEWALK.
 4. WIRE MESH SHALL BE PLACED IN DRIVEWAY APRONS.
 5. EXISTING SIDEWALKS SHALL BE MAINTAINED EXISTING.

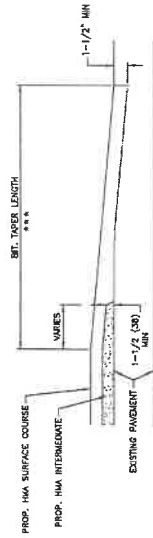
DRIVE DETAIL WITH CONCRETE CURB, TYPE B (RESIDENTIAL OR COMMERCIAL)

CITY OF CREST HILL		CITY OF CREST HILL		CITY OF CREST HILL	
1610 PLAINFIELD ROAD		1610 PLAINFIELD ROAD		1610 PLAINFIELD ROAD	
CREST HILL, IL 60403		CREST HILL, IL 60403		CREST HILL, IL 60403	
PROJECT NO.		PROJECT NO.		PROJECT NO.	
DATE		DATE		DATE	
SHEET 6 OF 24		SHEET 6 OF 24		SHEET 6 OF 24	
DRAWING NO.		DRAWING NO.		DRAWING NO.	
PVT-3		PVT-3		PVT-3	

- NOTES:
- MAJOR SIDE ROADS
 - MAJOR SIDE ROADS
 - MAJOR SIDE ROADS
 - MAJOR SIDE ROADS
 - MAJOR SIDE ROADS



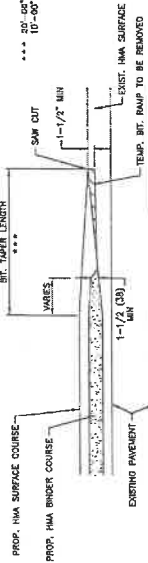
TYPICAL BUTT JOINT DETAIL



TYPICAL BUTT JOINT DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

- NOTES:
- MAJOR SIDE ROADS
 - MAJOR SIDE ROADS
 - MAJOR SIDE ROADS
 - MAJOR SIDE ROADS
 - MAJOR SIDE ROADS



TYPICAL BUTT JOINT DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

CITY OF CREST HILL
1610 PLAINFIELD ROAD
CREST HILL, IL 60403

City of Crest Hill
1610 PLAINFIELD ROAD
CREST HILL, IL 60403

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City of Crest Hill
1610 PLAINFIELD ROAD
CREST HILL, IL 60403

PAVEMENT CRACK SEALING

TITLE

DESIGN
SCALE
DATE
12/17/2025
CITY OF CREST HILL
1610 PLAINFIELD ROAD
CREST HILL, IL 60403

DESIGN
SCALE
DATE
12/17/2025
CITY OF CREST HILL
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SCALE
DATE
12/17/2025
CITY OF CREST HILL
1610 PLAINFIELD ROAD
CREST HILL, IL 60403

CITY OF CREST HILL
PAVEMENT, CURB AND GUTTER,
AND SIDEWALK STANDARD DETAILS

PROJ. NO.

DATE

SHEET 14 OF 38

DRAWING NO.

PVT-11

Purpose: To reduce the amount of pollutants that get washed into the storm drain and ultimately transported and deposited in waterbodies.

Application: 1. Sweeping at points of egress where sediment is tracked from project site onto public or private streets and roads.

Purpose: To reduce the amount of pollutants that get washed into the storm drain and ultimately transported and deposited in waterbodies.

- 1. Sweeping on porous or irregular surfaces where accumulation is expected may project debris onto public or private streets and roads.
- 2. Sweeping may be ineffective if soil is wet or heavy accumulation of mud.
- 3. May require repeat cleanings

Limitations:

1. Sweeping may be ineffective if soil is wet or heavy accumulation of mud.
2. May require repeat Cleanings

1. Ingress, personnel accounts, security, ingress and egress points, restricted areas, etc.
2. Variable sediment observed outside the construction limits shall be swept daily, and after rain events.

3. Do not use Kick-Incans or sweeper attachments. These tend to spread the dirt rather than remove it.
4. If not mowed with debris or trash, consider incorporating the removed sediment back into the project.
5. Be careful not to sweep up any unknown substance or any object that may be potentially hazardous.
6. After sweeping, inspect the sweep for any remaining debris or contaminants.
7. After sweeping is finished, properly dispose of sweep, wear it as an approved jump suit.

1. inspect daily
2. Check for damage to perimeter barrier; repair immediately.
3. Check for erosion or damage to newly spread topsoil; repair immediately and re-vegetate.

1. inspect daily
2. Check for damage to perimeter barrier; repair immediately.
3. Check for erosion or damage to newly spread topsoil; repair immediately and re-vegetate.

Purpose: To provide a method of preserving topsoil for use in establishing vegetation to achieve final site stabilization.

Purpose: To provide a method of preserving topsoil for use in establishing vegetation to achieve final site stabilization.

Materials

Material: Typically the darker, friable, loamy surface layer of soil found immediately below

Storage Area

1 Free of stumps, rocks, and construction debris.

1. Slope covered with vegetation or a tarp.
2. Slope covered with vegetation or a tarp.
3. Surrounded by a sediment barrier or sediment filter.
4. Slope outside erosion zone of trees to be protected.

Salvaging and Stockpiling Topsoil

1. Determine depth and suitability of topsoil at site.
2. Prior to stripping topsoil, install any site-specific down slope measures needed to control storm water and sedimentation.
3. Remove soil material no deeper than the "Surface Soil".

Spreading topsoil

1. Prior to applying topsoil, water the subsoil and fragments are top dress to four inches by disk.
2. Apply topsoil evenly to a depth of a minimum of four inches, then compact slightly to improve contact with the subsoil.
3. Do not apply topsoil when the site is wet, muddy, or frozen.

Maintenance:

1. Inspect Daily

2. Check for damage to perimeter barrier, repair immediately.
3. Check for erosion or damage to newly spread topsoil, repair immediately and re-vegetate.

Fabric shall meet the requirements of national specification GOSTEPAK. Table 1, 2, Class 1, II or IV and shall be placed on the exterior concrete wall part one of the following III construction. Class I, Class II, Class III and Class IV shall be placed according to construction specification III, ROSTEPAK, using placement Method 1 and Class III construction.

If any drainage facilities required because of washing shall be installed in the wall. The drainage facilities shall be installed according to the manufacturer's specifications.

CONCLUSIONS

City of
Cincinnati
Ohio

STABILIZED CONSTRUCTION ENTRANCE PLAN

SECTION A-A

SECTION B-B

20' WIDE

1' THICK CONCRETE

1' THICK GRAVEL

1' THICK FILTER FABRIC

GRAVEL SPACE

1' THICK CONCRETE

1' THICK GRAVEL

1' THICK FILTER FABRIC

GRAVEL SPACE

100

CITY OF CREST HILL
1610 PLAINFIELD ROAD
CREST HILL, IL 60403

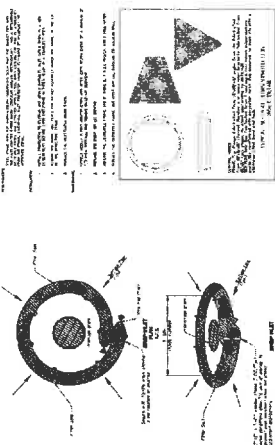
1. A TRAINED INDIVIDUAL SHALL PERFORM A WRITTEN EVALUATION OF THE PROJECT SITE A MINIMUM OF ONE (1) TIME PER WEEK AND BY THE END OF THE NEXT BUSINESS DAY FOLLOWING EACH MEASURABLE STORM EVENT.

1. TRAINED INDUSTRY SMALL BUSINESS WRITERS CONDUCT THE PROJECT USING A MINIMUM OF ONE (1) YEAR OF FULL-TIME WORK.
2. THE EVALUATION MUST ADDRESS THE ADVANTAGES OF EXISTING SYSTEM WITH QUALITY REQUIREMENTS TO DETAILED SETS OF FUNCTIONING PROPERTIES AND IDENTIFY ADDITIONAL MEASURES NECESSARY TO ACHIEVE IN COMPLIANCE WITH APPLICABLE FINANCIAL AND RULES.
3. THE EVALUATION REPORT MUST INCLUDE:
 - a. THE EVALUATION REQUESTOR MUST PROVIDE THE EVALUATION.
 - b. THE DATE OF EVALUATION.
 - c. THE NAME OF THE INDUSTRY SMALL BUSINESS WRITER.
 - d. DETAILS OF CONNECTIVE ACTIONS RECOMMENDED AND COMPLETED.
4. ALL EVALUATION REPORTS FOR THE PROJECT SITE MUST BE MADE AVAILABLE TO THE CMI OR OTHER DESIGNATED ENTITY WITHIN FORTY-EIGHT (48) HOURS OF A REQUEST.
5. EVALUATION REQUESTS MUST BE MAINTAINED FOR A PERIOD OF TWO (2) YEARS FROM DATE OF NOC.

[illegible][illegible]

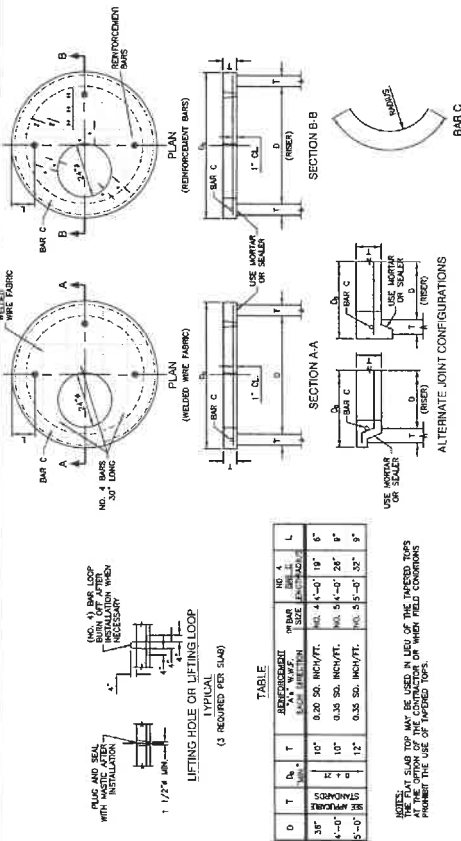
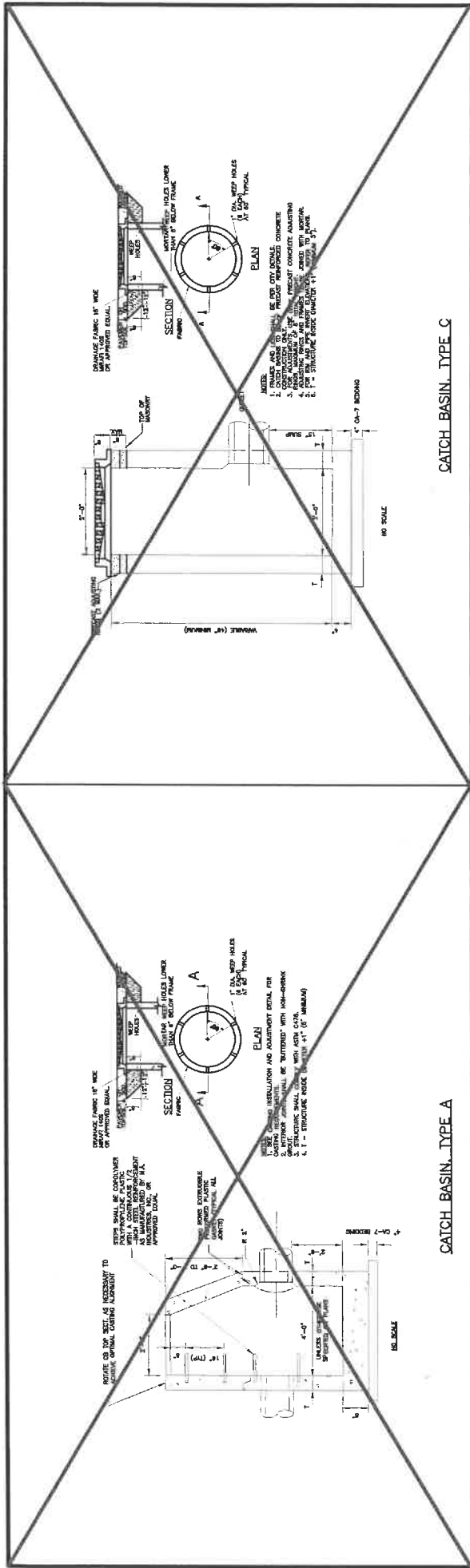
...Bibliography pp. 67; **List of references** pp. 68-70.

TEMPORARY INLET FILTER (PAVLO AREA)



TEMPORARY INLET FILTER

CITY OF CREST HILL
EROSION CONTROL DETAILS



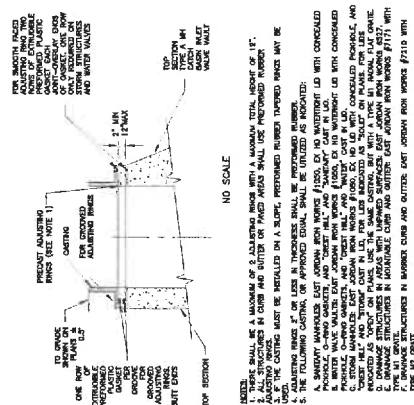
PRECAST REINFORCED FLAT SLAB TOP

CITY OF CREST HILL
1610 PLAINFIELD ROAD
CREST HILL, IL 60403

CITY OF CREST HILL
STORM SEWER SYSTEM DETAILS

PROJ. NO.
DATE: 12/17/2025
SHEET 21 OF 30
DRAWING NO.
STM-2

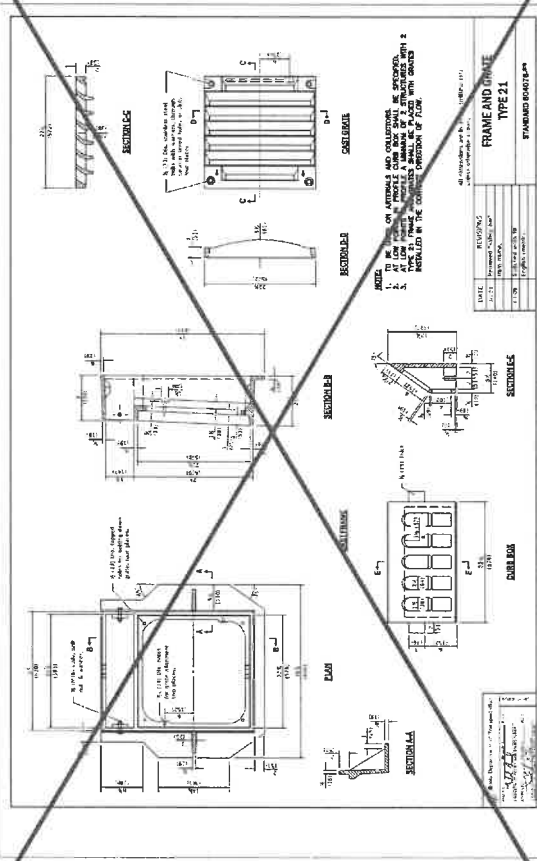
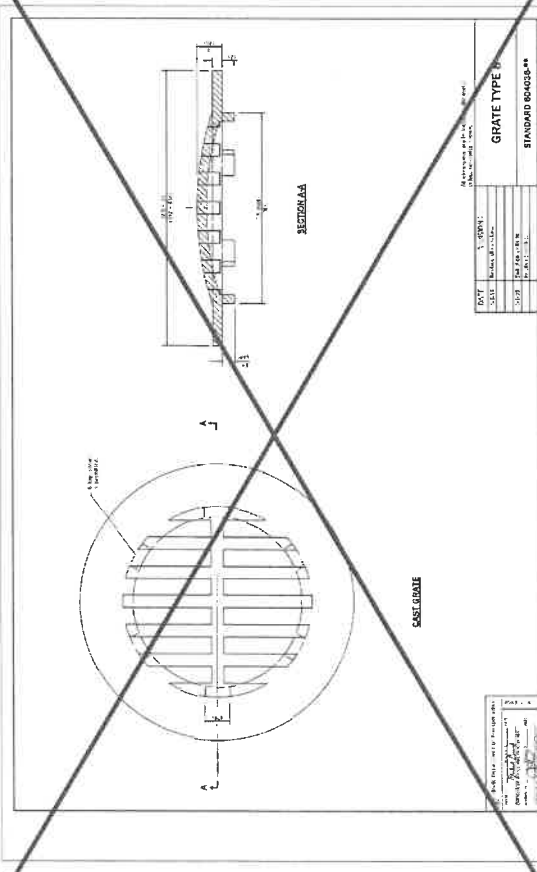
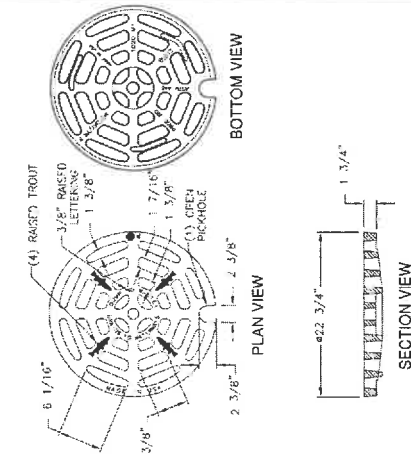
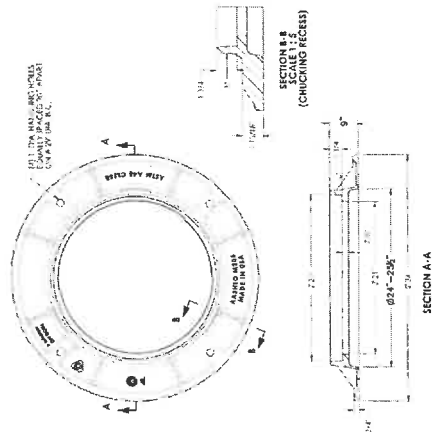
CASTING INSTALLATION AND ADJUSTING

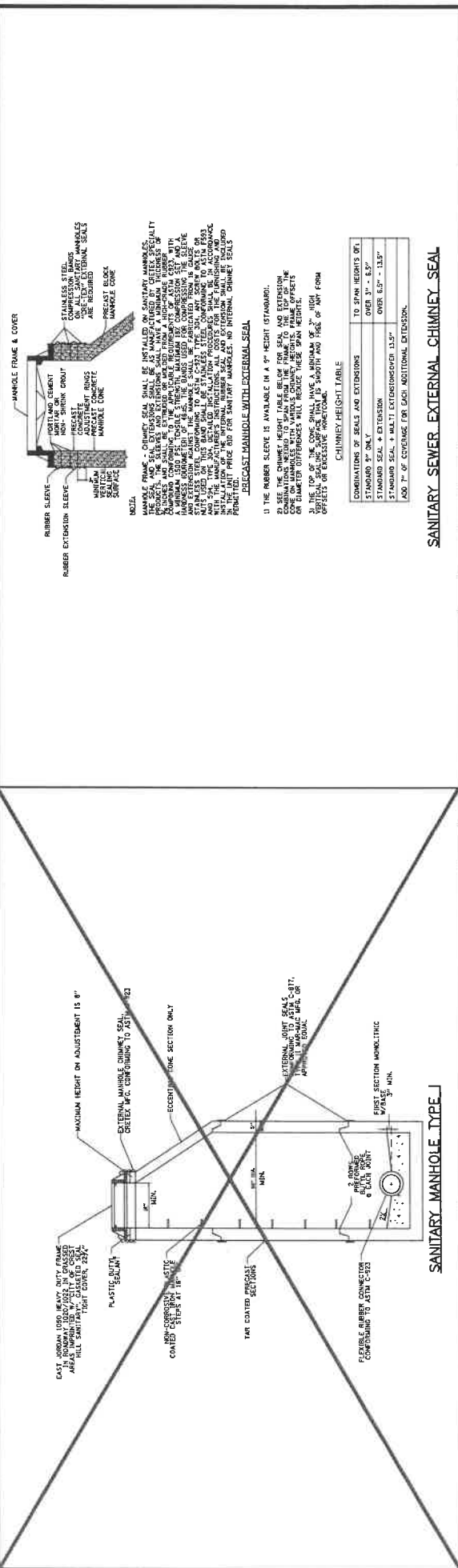


CITY OF CREST HILL
1610 PLAINFIELD ROAD
CREST HILL, IL 60403

CITY OF CREST HILL
STORM SEWER SYSTEM DETAILS

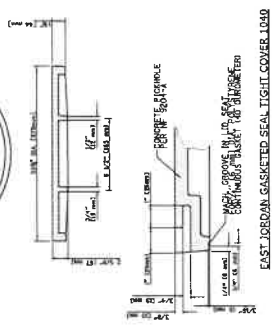
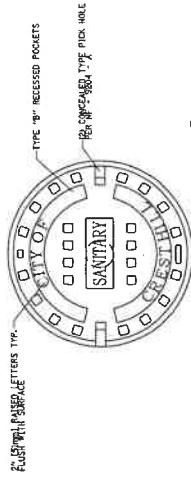
PROJ. NO.
DATE: 12/17/2025
SHEET 21 OF 30
DRAWING NO.
STM-2

[illegible]

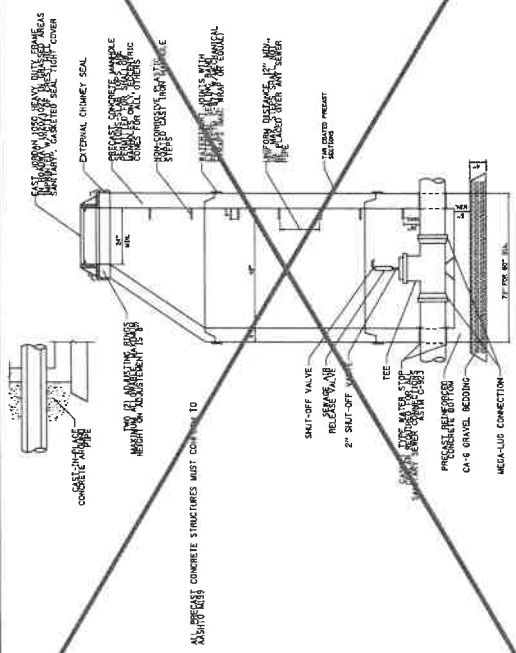


SANITARY SEWER EXTERNAL CHIMNEY SEAL

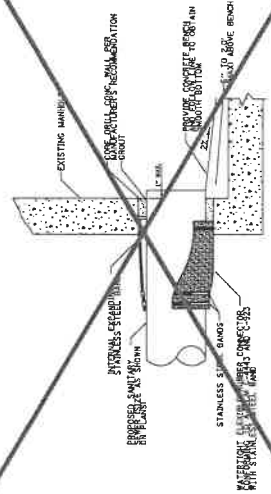
TITLE	CITY OF CREST HILL SANITARY SEWER SYSTEM DETAILS	PROJ. NO. DATE 12/17/2025 SHEET 28 OF 38 DRAWING NO. SAN-1
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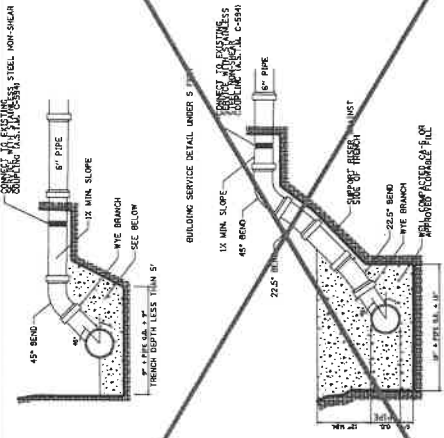
SANITARY MANHOLE SELF-SEALING LID



SANITARY SEWER AIR RELEASE MANHOLE



EXTERNAL SANITARY MANHOLE PIPE ENTRY



BUILDING SERVICE RISER

NOTES:
 1. SEE PLAN FOR SANITARY PIPE PER CITY ENGINEER'S PLAN.
 2. SEE PLAN FOR BUILDING SERVICE PIPE PER CITY ENGINEER'S PLAN.
 3. SEE PLAN FOR BUILDING SERVICE PIPE PER CITY ENGINEER'S PLAN.

CLIENT: **CITY OF CREST HILL**
 1610 PLAINFIELD ROAD
 CREST HILL, IL 60403

TITLE: **CITY OF CREST HILL
 SANITARY SEWER SYSTEM DETAILS**

PROJ. NO. _____
 DATE: 12/17/2023
 SHEET 29 OF 38
 DRAWING NO. SAN-2

Construction Monitoring &
Observations

Construction Materials Testing

Tunnels and Underground Openings

Geotechnical Engineering &
Evaluation

SEECO Consultants Inc.
CONSULTING ENGINEERS

Subsurface Explorations

Foundation Analysis & Design

Structural Rehabilitation
Condition Surveys

Dams and Drainage Studies

June 19, 2025

Mr. Ron Wiedeman, P.E.
City of Crest Hill
20600 City Center Blvd.
Crest Hill, IL 60403

RE: Pavement Cores, Laboratory Testing and
Summary Report for the Caton Farm Road,
Crest Hill, IL
SEECO Job No. 13830G

Dear Mr. Wiedeman,

The scope of work for this project consists of obtaining 8 pavement cores with base course samples and subgrade soil samples to determine the thicknesses and types of materials used in the existing pavement sections at various locations on Caton Farm Road from west of Oakland Avenue to Broadway in Crest Hill, Illinois. On May 15, 2025, pavement cores (C-1 to C-8) were first cored and then augered and sampled through the base course to the subgrade. Refer to the **Coring Location Plan** given in the **Appendix** of this report for approximate core locations. The number and spacing of cores was provided by Mr. Bryan Welch, P.E. of Christopher B. Burke Engineering, LTD, and laid out in the field by a representative of SEECO Consultants, Inc.

Authorization to proceed with this work was provided through SEECO Consultants, Inc. Proposal and Contract dated April 30, 2025, which was authorized by Mr. Ron Wiedeman, P.E. of the City of Crest Hill on May 1, 2025, and a signed copy of this contract was returned to SEECO Consultants, Inc. via email.

Subsurface Exploration Procedures

On May 15, 2025, 8 pavement cores (C-1 to C-8) were first cored using a 4" diameter diamond bit tipped core barrel attached to a portable coring machine and then augered and sampled to 24" depths below pavement surface grade using a 3-inch diameter open tubular steel hand auger.

The thickness of the pavement cores and base courses were measured in the field at the time of augering and sampling and then analyzed in the SEECO Consultants Materials Testing Laboratory and the data summary is given later in the Core Summary Table. Representative portions of the hand auger samples were placed in glass containers with screw-type lids and taken to our geotech laboratory for further examination and testing.

Geotechnical Laboratory Testing Program

The geotechnical laboratory testing program consists of visual classification of all soil samples. Each soil sample was visually classified on the basis of texture and plasticity in accordance with the Unified Soil Classification System. The estimated group symbol according to this system is included following the description of the soil in the table below. A brief explanation of the **Unified Soil Classification System** is included in the **Appendix** of this report.

Site Pavement and Soil Conditions

The approximate locations of the pavement cores are provided in **Appendix 1** and the table below is a summary of the existing pavement conditions and encountered subgrade conditions encountered at the pavement coring locations (C-1 to C-8).

SUMMARY CORE TABLE

Core No./Street	Approximate Bituminous Concrete Thickness (Inches)		Approximate Base Course Thickness (Inches)	Base Course Description	Subbase or Subgrade Description	End of Core (Inches)
C-1 East Bound	Surface	2.0	-	-	Fill: Brown & gray silty clay, some dk. brown, tr. sand (CL)	24.0
	Binder	2.5				
	Binder	2.5				
	Binder	3.0				
	Binder	3.0				
	Total	13.0				
C-2 West Bound	Surface	1.5	6.0	Crushed Stone	Brown & gray silty clay, tr. sand (CL)	24.0
	Surface	2.25				
	Binder	2.25				
	Binder	1.75				
	Binder	4.0				
	Binder	2.25				
	Binder	1.0				
	Total	15.0				

Pavement Cores, Laboratory Testing and
Summary Report for the Caton Farm Road,
Crest Hill, IL
SEECO Job No. 13830G

June 19, 2025

Core No./Street	Approximate Bituminous Concrete Thickness (Inches)		Approximate Base Course Thickness (Inches)	Base Course Description	Subbase or Subgrade Description	End of Core (Inches)
C-3 East Bound	Surface	1.25	12.25+	Crushed Stone	Not Encountered	24.0
	Binder	2.0				
	Surface	2.0				
	Surface	2.0				
	Binder	2.0				
	Binder	2.5				
	Total	11.75				
C-4 West Bound	Surface	1.25	13.5+	Crushed Stone	Not Encountered	24.0
	Binder	2.0				
	Surface	1.25				
	Surface	2.0				
	Surface	1.5				
	Binder	2.5				
	Total	10.5				
C-5 East Bound	Surface	1.5	7.0	Crushed Stone	Subbase- 4.0"+ of Crushed Stone (2 to 2.5 inch size)	24.0
	Binder	2.0				
	Surface	2.0				
	Surface	1.75				
	Surface	0.75				
	Surface	2.0				
	Surface	1.25				
	Surface	1.75				
	Total	13.0				
C-6 West Bound	Surface	1.5	11.75	Crushed Stone	Not Encountered	24.0
	Binder	1.5				
	Surface	1.75				
	Surface	1.25				
	Surface	1.75				
	Surface	1.25				
	Surface	1.5				
	Binder	1.75				
	Total	12.25				
C-7 East Bound	Surface	1.25	7.0	Crushed Stone	Subbase- 6.0"+ of Crushed Stone (3 inch size)	24.0
	Binder	1.5				
	Surface	1.75				
	Surface	1.25				
	Surface	1.0				
	Surface	1.5				
	Surface	1.75				
	Surface	1.0				
	Total	11.0				

June 19, 2025

Core No./Street	Approximate Bituminous Concrete Thickness (Inches)		Approximate Base Course Thickness (Inches)	Base Course Description	Subbase or Subgrade Description	End of Core (Inches)
C-8 West Bound	Surface	1.5	15.5+	Crushed Stone	Not Encountered	24.0
	Binder	1.5				
	Surface	1.75				
	Surface	1.25				
	Binder	2.5				
	Total	8.5				

Site Groundwater Conditions

Groundwater was not encountered in any of the 8 pavement cores (C-1 through C-8) cored and sampled through the base course and the subgrade during the exploration of May 15, 2025, to depths of up to 24 inches below existing top of pavement grade.

However, daily, monthly, yearly and seasonal fluctuations of the groundwater levels are possible due to changes in hydrogeological conditions at this site over time.

Closing Remarks

We believe that this information is satisfactory for your present requirements. If you have any questions regarding this letter, please call the undersigned at your convenience.

Sincerely yours,

SEECO Consultants Inc.



Donald C. Cassier
Director of Field Services

Collin W. Gray, S.E., P.E.
President

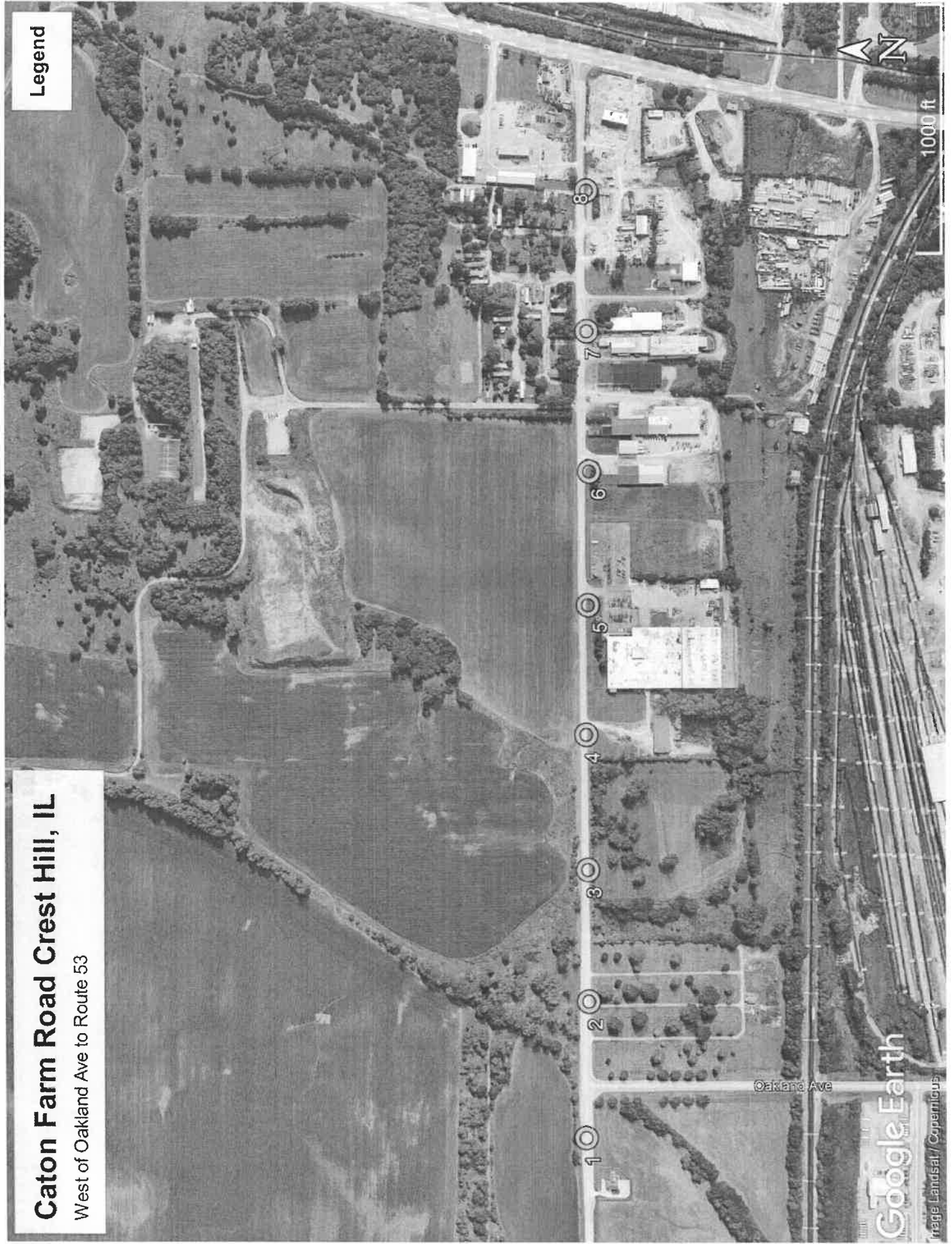
DCC:eb
Attachment

APPENDIX 1

Caton Farm Road Crest Hill, IL

West of Oakland Ave to Route 53

Legend



APPENDIX 2

SEECO Consultants Inc.

7350 DUVAN DRIVE
TINLEY PARK, ILLINOIS 60477

GENERAL NOTES**DRILLING AND SAMPLING SYMBOLS**

SS	SPLIT SPOON	1-3/8" I.D. x 2" O.D. (EXCEPT WHERE NOTED)
2T	THINWALL TUBE SAMPLER	2" O.D. x 1-7/8" I.D.
3T	THINWALL TUBE SAMPLER	3" O.D. x 2-7/8" I.D.
3P	PISTON SAMPLER	3" O.D. THINWALL TUBE
FA	CONTINUOUS FLIGHT AUGER	4" O.D.
HS	HOLLOW STEM AUGER	6-3/4" O.D. x 3-1/4" I.D.
HA	HAND AUGER	
RB	ROLLER ROCK BIT	
FT	FISHTAIL BIT	
DB	DIAMOND BIT	
AX	ROCK CORE	1-3/16" DIAMETER
BX	ROCK CORE	1-5/8" DIAMETER
NX	ROCK CORE	2-1/8" DIAMETER
AS	AUGER SAMPLE	
WS	WASH SAMPLE	
CA	COMBINED ANALYSIS	
SA	SIEVE ANALYSIS	

Standard "N" Penetration: Blows per foot of a 140 pound hammer falling 30 inches on a two inch O.D. split spoon, except where noted.

WATER LEVEL MEASUREMENT SYMBOLS

	WATER LEVEL OBSERVATION	WD	WHILE DRILLING
WCI	WET CAVE-IN	BCR	BEFORE CASING REMOVAL
DCI	DRY CAVE-IN	ACR	AFTER CASING REMOVAL
WS	WHILE SAMPLING	AB	AFTER BORING

Water levels indicated on the boring logs are the levels measured in the boring at the times indicated. In pervious soils, the indicated elevations are considered reliable groundwater levels. In impervious soils, the accurate determination of groundwater elevations are not possible in even several days observation, and additional evidence on groundwater elevations must be sought.

SOIL IDENTIFICATION TERMINOLOGY**COHESIONLESS SOILS**

<u>COMPONENT</u>	<u>SIZE RANGE</u>	<u>DESCRIPTIVE TERM</u>	<u>PERCENT OF WEIGHT</u>
BOULDERS	OVER 8"	TRACE	0 – 10
COBBLES	8" TO 3"	LITTLE	10 – 20
GRAVEL	3" TO #4 SIEVE (4.75 mm)	SOME	20 – 35
SAND	#4 TO #200 SIEVE (0.074 mm)	AND	35 – 50
SILT	PASSING #200 SIEVE (0.074 mm)		

SEECO Consultants Inc.7350 DUVAN DRIVE
TINLEY PARK, ILLINOIS 60477GENERAL NOTESSOIL IDENTIFICATION TERMINOLOGY (Cont'd)COHESIVE SOILS

<u>DESCRIPTIVE TERM</u>	<u>PLASTICITY INDEX</u>
CLAYEY SILT OR ORGANIC CLAYEY SILT	4 – 7
SILTY CLAY OR ORGANIC SILTY CLAY	8 – 30
CLAY OR ORGANIC CLAY	> 30

INTERMEDIATE SOILS

<u>DESCRIPTIVE TERM</u>	<u>PLASTICITY INDEX</u>
SILT	0 – 3

Unconfined compression tests are generally not applicable for intermediate soils.

CONSISTENCY OF COHESIVE SOILSRELATIVE DENSITY OF GRANULAR SOILS

1-3/8" I.D. x 2" O.D. with 140 pound hammer falling 30"

UNCONFINED COMP.
STRENGTH, Q_u , TSFCONSISTENCYN – BLOWS/FT.RELATIVE DENSITY

<0.25	VERY SOFT	0 – 3	VERY LOOSE
0.25 - 0.49	SOFT	4 – 9	LOOSE
0.50 - 1.00	MEDIUM	10 – 29	MEDIUM DENSE
1.01 - 1.99	STIFF	30 – 49	DENSE
2.00 - 3.99	VERY STIFF	50 – 80	VERY DENSE
4.00 - 8.00	HARD	>80	EXTREMELY DENSE
>8.00	VERY HARD		

CONSISTENCY OF COHESIVE SOILSN – BLOWS/FT.RELATIVE DENSITY

0 – 2	VERY SOFT
2 – 4	SOFT
4 – 8	MEDIUM
8 – 15	STIFF
15 – 30	VERY STIFF
>30	HARD

APPENDIX 3

CLASSIFICATION OF SOILS FOR ENGINEERING PURPOSES

ASTM Designation: D 2487-10

(Based on United Soil Classification System)

SEECO Consultants, Inc.

Criteria for Assigning Group Symbols and Group Names Using Laboratory Tests^A

				Soil Classification	
				Group Symbol	Group Name ^B
Coarse Grained Soils More than 50% retained on No. 200 sieve	Gravels More than 50% coarse fraction retained on No. 4 sieve	Clean Gravels Less than 5% fines ^C	$Cu \geq 4$ and $1 \leq Cc \leq 3^E$	GW	Well graded gravel ^F
			$Cu \geq 4$ and/or $1 > Cc > 3^E$	GP	Poorly graded gravel ^F
		Gravels with fines More than 12% fines ^C	Fines classify as ML or MH Fines classify as CL or CH	GM GC	Silty gravel ^{F, G, H} Clayey gravel ^{F, G, H}
	Sands 50% or more of coarse fraction passes No. 4 sieve	Clean Sands Less than 5% fines ^D	$Cu \geq 6$ and $1 \leq Cc \leq 3^E$ $Cu < 6$ and /or $1 > Cc > 3^E$	SW SP	Well-graded sand ^I Poorly graded sand ^I
		Sands with fines More than 12% fines ^D	Fines classify as ML or MH Fines classify as CL or CH	SM SC	Silty sand ^{G, H, I} Clayey sand ^{G, H, I}
	Silts and Clays Liquid limit less than 50	Inorganic	PI > 7 and plots on or above "A" line ^J PI < 4 or plots below "A" line ^J	CL ML	Lean clay ^{K, L, M} Silt ^{K, L, M}
			Liquid limit - oven dried < 0.75 Liquid limit - not dried	OL	Organic clay ^{K, L, M, N} Organic silt ^{K, L, M, O}
		Organic	Liquid limit - oven dried < 0.75 Liquid limit - not dried	OH	Organic clay ^{K, L, M, P} Organic silt ^{K, L, M, Q}
	Silts and Clays Liquid limit 50 or more	Inorganic	PI plots on or above "A" line PI plots below "A" line	CH MH	Fat clay ^{K, L, M} Elastic silt ^{K, L, M}
		Organic	Liquid limit - oven dried < 0.75 Liquid limit - not dried	OH	Organic clay ^{K, L, M, P} Organic silt ^{K, L, M, Q}
Highly organic soils	Primarily organic matter, dark in color, and organic odor			PT	Peat

^ABased on the material passing the three inch (75 MM) sieve

^BIf field sample contained cobbles or boulders, or both, add "with cobbles or boulders, or both" to group name

^CGravels with 5 to 12% fines require dual symbols:

GW-GM well-graded gravel with silt

GW-GC well-graded gravel with clay

GP-GM poorly graded gravel with silt

GP-GC poorly graded gravel with clay

^DSands with 5 to 12% fines require dual symbols:

SW-SM well-graded sand with silt

SW-SC well-graded sand with clay

SP-SM poorly graded sand with silt

SP-SC poorly graded sand with clay

$Cu = D_{60}/D_{10}$ $Cc = \frac{(D_{30})^2}{D_{10} \times D_{60}}$

^FIf soil contains $\geq 15\%$ sand, add "with sand" to group name

^GIf fines classify as CL-ML, use dual symbol GC-GM, or SC-SM

^HIf fines are organic, add "with organic fines" to group name

^IIf soils contains $\geq 15\%$ gravel, add "with gravel" to group name

^JIf Atterberg limits plot in hatched area, soil is a CL-ML, silty clay

^KIf soil contains 15 to 29% plus No. 200, add "with sand" or "with gravel," whichever is predominant

^LIf soil contains $\geq 30\%$ plus No. 200, predominantly sand, add "sandy" to group name

^MIf soil contains $\geq 30\%$ plus No. 200, predominantly gravel, add "gravelly" to group name

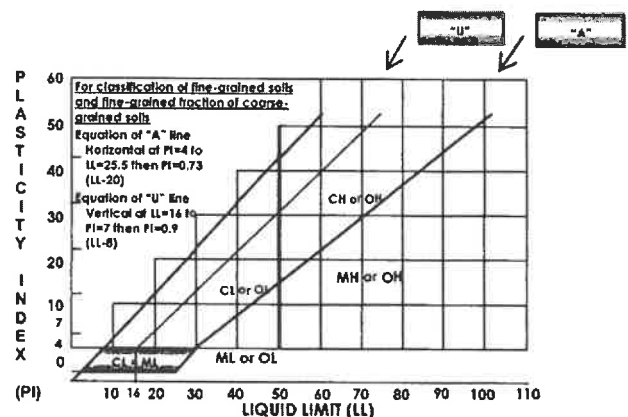
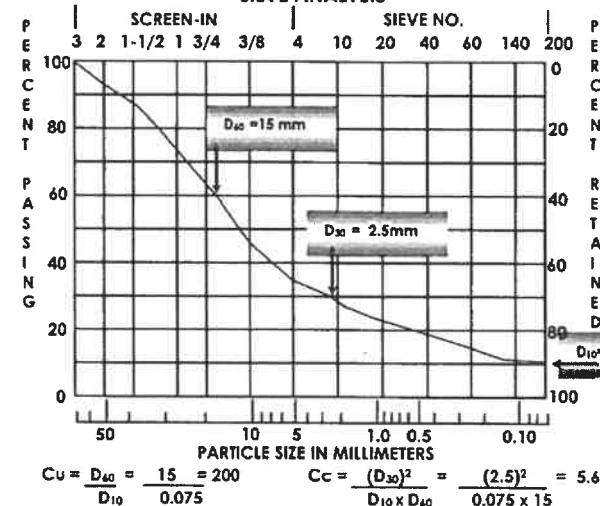
^NPI ≥ 4 and plots on or above "A" line

^OPI < 4 or plots below "A" line

^PPI plots on or above "A" line

^QPI plots below "A" line

SIEVE ANALYSIS



Construction Monitoring &
Observations

Construction Materials Testing

Tunnels and Underground Openings

Geotechnical Engineering &
Evaluation

SEECO Consultants Inc.
CONSULTING ENGINEERS

Subsurface Explorations

Foundation Analysis & Design

Structural Rehabilitation
Condition Surveys

Dams and Drainage Studies

December 2, 2025

Mr. Bryan Welch, P.E.
Christopher B. Burke Engineering, Ltd.
16221 W. 159th St.
Lockport, IL 60441

RE: Pavement Cores, Laboratory Testing and
Summary Report for the Proposed 2026
Road Program, Crest Hill, IL
SEECO Job No. 13940G

Dear Mr. Welch,

The scope of work for this project consists of obtaining 15 pavement cores with base course samples and subgrade soil samples to determine the thicknesses and types of materials used in the existing pavement sections at various locations in Crest Hill, Illinois. On October 27, 2025, pavement cores (C-1 to C-15) were first cored and then augered and sampled through the base course to the subgrade. Refer to the Coring Location Plan given in the Appendix of this report for approximate core locations. The number and locations of cores was provided by Mr. Bryan Welch, P.E. of C. B. Burke Engineering, Ltd., and laid out in the field by a representative of SEECO Consultants, Inc.

Authorization to proceed with this work was provided through SEECO Consultants, Inc. Proposal and Contract dated September 29, 2025, which was authorized by Mr. Michael Kerr, P.E. of C. B. Burke Engineering, Ltd. on October 23, 2025, and a signed copy of this contract was returned to SEECO Consultants, Inc. via email.

Subsurface Exploration Procedures

On October 27, 2025, 15 pavement cores (C-1 to C-15) were first cored using a 4" diameter diamond bit tipped core barrel attached to a portable coring machine and then augered and sampled to 24" depths below pavement surface grade using a 3-inch diameter open tubular steel hand auger.

The thickness of the pavement cores and base courses were measured in the field at the time of augering and sampling and then analyzed in the SEECO Consultants Materials Testing Laboratory and the data summary is given later in the Core Summary Table. Representative portions of the hand auger samples were placed in glass containers with screw-type lids and taken to our geotech laboratory for further examination and testing.

Geotechnical Laboratory Testing Program

The geotechnical laboratory testing program consists of visual classification of all soil samples. Each soil sample was visually classified on the basis of texture and plasticity in accordance with the Unified Soil Classification System. The estimated group symbol according to this system is included following the description of the soil in the table below. A brief explanation of the **Unified Soil Classification System** is included in the **Appendix** of this report.

Site Pavement and Soil Conditions

The approximate locations of the pavement cores are provided in **Appendix 1** and the table below is a summary of the existing pavement conditions and encountered subgrade conditions encountered at the pavement coring locations (C-1 to C-15).

Location: Crest Hill

Core No./Street	Approximate Bituminous Thickness (Inches)		Approximate Base Course Thickness (Inches)	Base Course Description	Subgrade Description	End of Core Inches
C-1 Kingsbrook Drive	Surface	2.0	10.25	Crushed Stone	Brown & Gray Silty Clay, Trace Sand (CL)	24
	Binder	1.75				
	Total	3.75				
C-2 Longmeadow Drive	Surface	2.5	10.0	Crushed Stone	Brown & Gray Silty Clay, Little Sand & Trace Dark Gray (CL)	24
	Binder	2.5				
	Total	5.0				
C-3 Kingsbrook Drive	Surface	2.25	11.0	Crushed Stone	Brown & Gray Silty Clay, Little Sand, Trace Dark Gray & Gravel (CL)	24
	Binder-Broken	1.75				
	Total	4.0				

Core No./Street	Approximate Bituminous Thickness (Inches)		Approximate Base Course Thickness (Inches)	Base Course Description	Subgrade Description	End of Core Inches
C-4 Carlton Street	Surface	1.75	12.5	Crushed Stone	Brown & Gray Silty Clay, Little Sand & Trace Gravel (CL)	24
	Binder	1.75				
	Total	3.50				
C-5 Carlton Street	Surface	1.5	11.5	Crushed Stone	Brown & Gray Silty Clay, Little Sand & Trace Gravel (CL)	24
	Binder	3.0				
	Total	4.5				
C-6 Dundee Drive	Surface	1.5	20.5+	Crushed Stone	Not Encountered	24
	Binder	2.0				
	Total	3.5				
C-7 Carlton Street	Surface	1.75	12.0	Crushed Stone	Brown & Gray Silty Clay, Little Sand & Trace Gravel (CL)	24
	Surface	2.25				
	Total	4.0				
C-8 Fox Meadow Drive	Surface	1.75	8.25	Crushed Stone	Brown Silty Clay, Little Sand, Trace Gravel (CL)	24
	Binder	2.0				
	Total	3.75				
C-9 Silver Rock Drive	Surface	1.75	8.5	Crushed Stone	Brown Silty Clay, Some Sand & Trace Gravel (CL))	24
	Binder	1.75				
	Total	3.50				
C-10 Foxtail Court	Surface	1.75	9.5	Crushed Stone	Brown & Gray Clay With Large Stones (CL)	24
	Binder	1.75				
	Total	3.5				
C-11 Silver Rock Drive	Surface	1.75	10.25	Crushed Stone	Brown & Gray Clay With Large Stones (CL)	24
	Binder	2.0				
	Total	3.75				
C-12 Chaney Avenue	Surface	1.75	20.0+	Crushed Gravel	Not Encountered	24
	Petromat					
	Surface	1.25				
	Surface	1.0				
	Total	4.0				

Core No./Street	Approximate Bituminous Thickness (Inches)		Approximate Base Course Thickness (Inches)	Base Course Description	Subgrade Description	End of Core Inches
C-13 Chaney Avenue	Surface	2.0	20.5+	Crushed Gravel	Not Encountered	24
	Petromat					
	Poly Sand Mix	.50				
	Surface	1.0				
	Total	3.5				
C-14 Hoffman Street	Surface	2.0	15.0	Crushed Gravel	Brown & Gray Silty Clay, Trace Sand & Gravel (CL)	24
	Petromat					
	Poly Sand Mix	1.0				
	Surface	1.0				
	Total	4.0				
C-15 Elsie Avenue	Surface	1.25	17.25	Crushed Gravel	Brown & Gray Silty Clay, Trace Sand & Gravel (CL)	24
	Petromat					
	Poly Sand Mix	.75				
	Surface	1.75				
	Total	3.75				

Site Groundwater Conditions

Groundwater was not encountered in any of the 15 pavement cores (C-1 through C-15) cored and sampled through the base course and the subgrade during the exploration of October 27, 2025, to depths of up to 24 inches below existing top of pavement grade at the core locations.

However, daily, monthly, yearly and seasonal fluctuations of the groundwater levels are possible due to changes in hydrogeological conditions at this site over time.

Closing Remarks

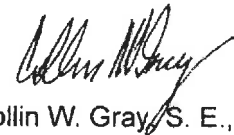
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Sincerely yours,

SEECO Consultants Inc.



Donald C. Cassier
Director of Field Services

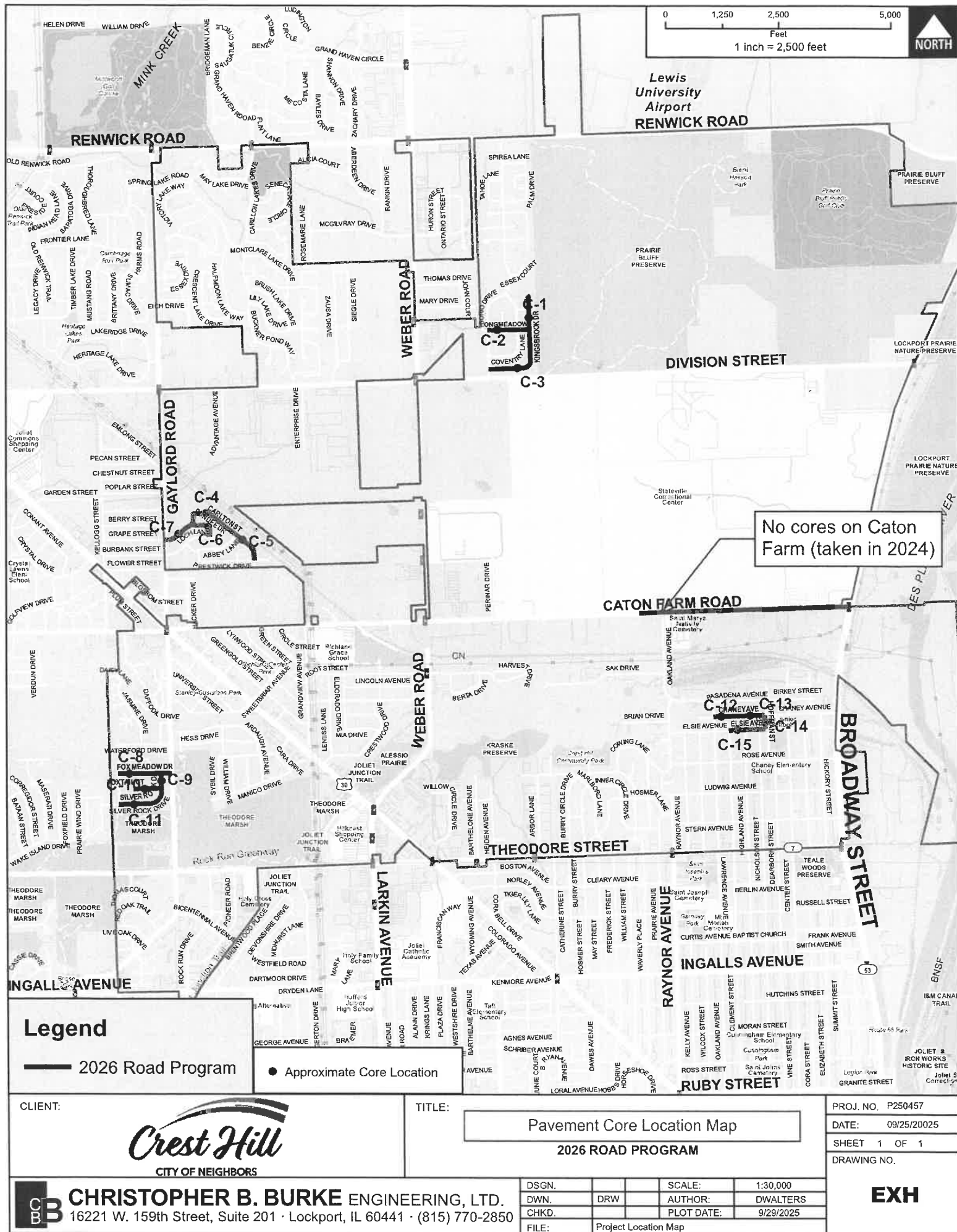


Collin W. Gray, S. E., P.E.
President

DCC:eb
Attachment

APPENDIX

- 1. CORING LOCATION PLAN**
- 2. GENERAL NOTES**
- 3. UNIFIED SOIL CLASSIFICATION SYSTEM**



SEECO Consultants Inc.7350 DUVAN DRIVE
TINLEY PARK, ILLINOIS 60477**GENERAL NOTES****DRILLING AND SAMPLING SYMBOLS**

SS	SPLIT SPOON	1-3/8" I.D. x 2" O.D. (EXCEPT WHERE NOTED)
2T	THINWALL TUBE SAMPLER	2" O.D. x 1-7/8" I.D.
3T	THINWALL TUBE SAMPLER	3" O.D. x 2-7/8" I.D.
3P	PISTON SAMPLER	3" O.D. THINWALL TUBE
FA	CONTINUOUS FLIGHT AUGER	4" O.D.
HS	HOLLOW STEM AUGER	6-3/4" O.D. x 3-1/4" I.D.
HA	HAND AUGER	
RB	ROLLER ROCK BIT	
FT	FISHTAIL BIT	
DB	DIAMOND BIT	
AX	ROCK CORE	1-3/16" DIAMETER
BX	ROCK CORE	1-5/8" DIAMETER
NX	ROCK CORE	2-1/8" DIAMETER
AS	AUGER SAMPLE	
WS	WASH SAMPLE	
CA	COMBINED ANALYSIS	
SA	SIEVE ANALYSIS	

Standard "N" Penetration: Blows per foot of a 140 pound hammer falling 30 inches on a two inch O.D. split spoon, except where noted.

WATER LEVEL MEASUREMENT SYMBOLS

	WATER LEVEL OBSERVATION	WD	WHILE DRILLING
WCI	WET CAVE-IN	BCR	BEFORE CASING REMOVAL
DCI	DRY CAVE-IN	ACR	AFTER CASING REMOVAL
WS	WHILE SAMPLING	AB	AFTER BORING

Water levels indicated on the boring logs are the levels measured in the boring at the times indicated. In pervious soils, the indicated elevations are considered reliable groundwater levels. In impervious soils, the accurate determination of groundwater elevations are not possible in even several days observation, and additional evidence on groundwater elevations must be sought.

SOIL IDENTIFICATION TERMINOLOGY**COHESIONLESS SOILS**

<u>COMPONENT</u>	<u>SIZE RANGE</u>	<u>DESCRIPTIVE TERM</u>	<u>PERCENT OF WEIGHT</u>
BOULDERS	OVER 8"	TRACE	0 – 10
COBBLES	8" TO 3"	LITTLE	10 – 20
GRAVEL	3" TO #4 SIEVE (4.75 mm)	SOME	20 – 35
SAND	#4 TO #200 SIEVE (0.074 mm)	AND	35 – 50
SILT	PASSING #200 SIEVE (0.074 mm)		

SEECO Consultants Inc.7350 DUVAN DRIVE
TINLEY PARK, ILLINOIS 60477GENERAL NOTESSOIL IDENTIFICATION TERMINOLOGY (Cont'd)COHESIVE SOILS

<u>DESCRIPTIVE TERM</u>	<u>PLASTICITY INDEX</u>
CLAYEY SILT OR ORGANIC CLAYEY SILT	4 – 7
SILTY CLAY OR ORGANIC SILTY CLAY	8 – 30
CLAY OR ORGANIC CLAY	> 30

INTERMEDIATE SOILS

<u>DESCRIPTIVE TERM</u>	<u>PLASTICITY INDEX</u>
SILT	0 – 3

Unconfined compression tests are generally not applicable for intermediate soils.

CONSISTENCY OF COHESIVE SOILSRELATIVE DENSITY OF GRANULAR SOILS

1-3/8" I.D. x 2" O.D. with 140 pound hammer falling 30"

UNCONFINED COMP.
STRENGTH, Q_u , TSFCONSISTENCYN – BLOWS/FT.RELATIVE DENSITY

<0.25	VERY SOFT	0 – 3	VERY LOOSE
0.25 - 0.49	SOFT	4 – 9	LOOSE
0.50 - 1.00	MEDIUM	10 – 29	MEDIUM DENSE
1.01 - 1.99	STIFF	30 – 49	DENSE
2.00 - 3.99	VERY STIFF	50 – 80	VERY DENSE
4.00 - 8.00	HARD	>80	EXTREMELY DENSE
>8.00	VERY HARD		

CONSISTENCY OF COHESIVE SOILSN – BLOWS/FT.RELATIVE DENSITY

0 – 2	VERY SOFT
2 – 4	SOFT
4 – 8	MEDIUM
8 – 15	STIFF
15 – 30	VERY STIFF
>30	HARD

CLASSIFICATION OF SOILS FOR ENGINEERING PURPOSES

ASTM Designation: D 2487-10

(Based on United Soil Classification System)

SEECO Consultants, Inc.

Criteria for Assigning Group Symbols and Group Names Using Laboratory Tests^A

				Symbol	Name ^a			
Coarse Grained Soils More than 50% retained on No. 200 sieve	Gravels More than 50% coarse fraction retained on No. 4 sieve	Clean Gravels Less than 5% fines ^c	$Cu \geq 4$ and $1 \leq Cc \leq 3^E$	GW	Well graded gravel ^f			
			$Cu \geq 4$ and/or $1 > Cc > 3^E$	GP	Poorly graded gravel ^f			
		Gravels with fines More than 12% fines ^c	Fines classify as ML or MH	GM	Silty gravel ^{f, g, h}			
			Fines classify as CL or CH	GC	Clayey gravel ^{f, g, h}			
	Sands 50% or more of coarse fraction passes No. 4 sieve	Clean Sands Less than 5% fines ^d	$Cu \geq 6$ and $1 \leq Cc \leq 3^E$	SW	Well-graded sand ⁱ			
			$Cu < 6$ and /or $1 > Cc > 3^E$	SP	Poorly graded sand ⁱ			
		Sands with fines More than 12% fines ^d	Fines classify as ML or MH	SM	Silty sand ^{g, h, i}			
			Fines classify as CL or CH	SC	Clayey sand ^{g, h, i}			
			Fine-Grained Soils 50% or more passes the No. 200 sieve	Silts and Clays Liquid limit less than 50	Inorganic	$PI > 7$ and plots on or above "A" line ^j	CL	Lean clay ^{k, l, m}
						$PI < 4$ or plots below "A" line ^j	ML	Silt ^{k, l, m}
Organic	<u>Liquid limit –oven dried</u> < 0.75	OL			Organic clay ^{k, l, m, n}			
	<u>Liquid limit –not dried</u>	OL			Organic silt ^{k, l, m, o}			
Silts and Clays Liquid limit 50 or more	Inorganic	PI plots on or above "A" line		CH	Fat clay ^{k, l, m}			
		PI plots below "A" line		MH	Elastic silt ^{k, l, m}			
	Organic	<u>Liquid limit –oven dried</u> < 0.75		OH	Organic clay ^{k, l, m, p}			
		<u>Liquid limit –not dried</u>			Organic silt ^{k, l, m, q}			
Highly organic soils	Primarily organic matter, dark in color, and organic odor			PT	Peat			

^ABased on the material passing the three inch (75 MM) sieve

^BIf field sample contained cobbles or boulders, or both, add "with cobbles or boulders, or both" to group name

^CGravels with 5 to 12% fines require dual symbols:

GW-GM well-graded gravel with silt

GW-GC well-graded gravel with clay

GP-GM poorly graded gravel with silt

GP-GC poorly graded gravel with clay

^DSands with 5 to 12% fines require dual symbols:

SW-SM well-graded sand with silt

SW-SC well-graded sand with clay

SP-SM poorly graded sand with silt

SP-SC poorly graded sand with clay

$$^E Cu = \frac{D_{60}}{D_{10}} \quad Cc = \frac{(D_{30})^2}{D_{10} \times D_{60}}$$

^FIf soil contains $\geq 15\%$ sand, add "with sand" to group name

^GIf fines classify as CL-ML, use dual symbol GC-GM, or SC-SM

^HIf fines are organic, add "with organic fines" to group name

^IIf soils contains $\geq 15\%$ gravel, add "with gravel" to group name

^JIf Atterberg limits plot in hatched area, soil is a CL-ML, silty clay

^KIf soil contains 15 to 29% plus No. 200, add "with sand" or "with gravel," whichever is predominant

^LIf soil contains $\geq 30\%$ plus No. 200, predominantly sand, add "sandy" to group name

^MIf soil contains $\geq 30\%$ plus No. 200, predominantly gravel, add "gravelly" to group name

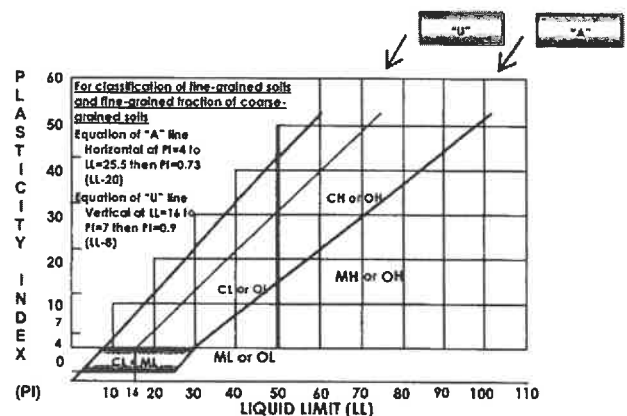
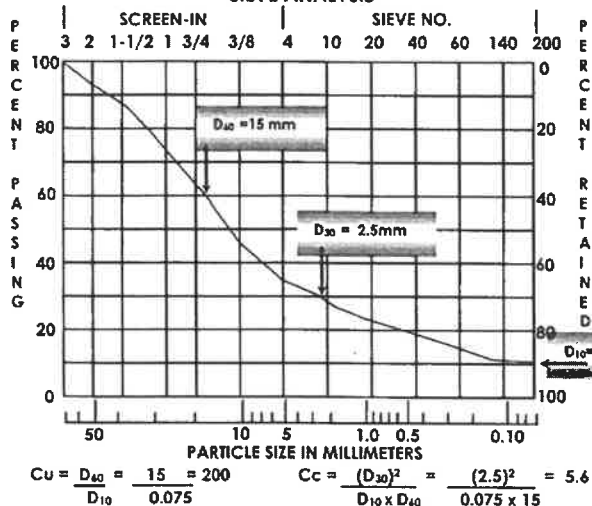
^N $PI \geq 4$ and plots on or above "A" line

^O $PI < 4$ or plots below "A" line

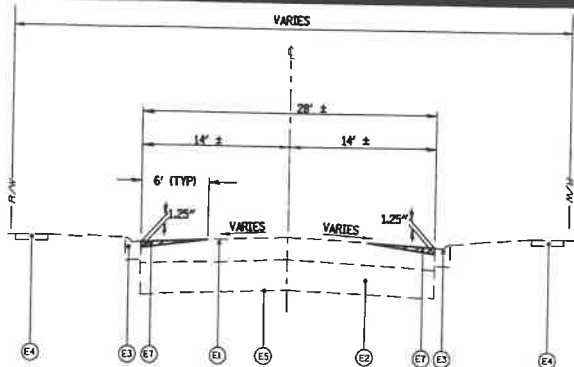
^P PI plots on or above "A" line

^Q PI plots below "A" line

SIEVE ANALYSIS

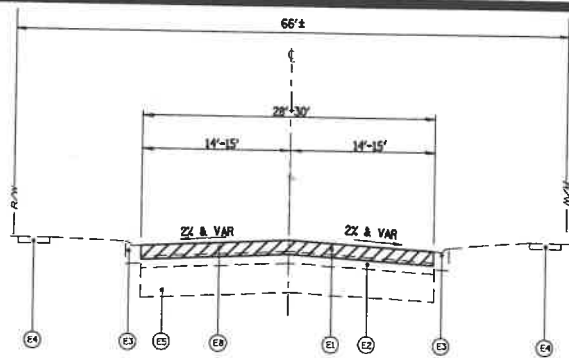


TAB 4



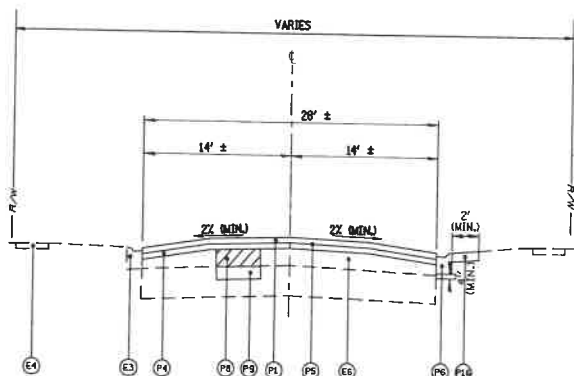
EXISTING TYPICAL SECTION - HOT-IN-PLACE RECYCLING

KINGSBROOK DR FROM BORIO DR TO NORTH END
RANDICH/LONGMEADOW DR FROM BORIO DR TO KINGSBROOK DR
CARLTON ST FROM GAYLORD RD TO PRESTWICK DR
DUNDEE DR FROM CARLTON ST TO LOCH LN
FOXMEADOW DR FROM SPRINGSIDE DR TO GAYLORD RD
SILVER ROCK DR FROM SPRINGSIDE DR TO FOXMEADOW DR
FOXTAIL CT FROM WEST END TO SILVER ROCK DR



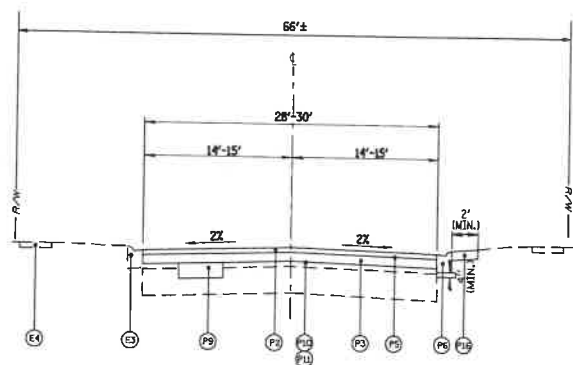
EXISTING TYPICAL SECTION - FULL DEPTH HMA REMOVAL

CHANEY AVE FROM OAKLAND AVE TO HOFFMAN ST
HOFFMAN ST FROM CHANEY AVE TO ELSIE AVE
ELSI AVE FROM CLEMENTS ST TO HOFFMAN ST



PROPOSED TYPICAL SECTION - HOT-IN-PLACE RECYCLING

KINGSBROOK DR FROM BORIO DR TO NORTH END
RANDICH/LONGMEADOW DR FROM BORIO DR TO KINGSBROOK DR
CARLTON ST FROM GAYLORD RD TO PRESTWICK DR
DUNDEE DR FROM CARLTON ST TO LOCH LN
FOXMEADOW DR FROM SPRINGSIDE DR TO GAYLORD RD
SILVER ROCK DR FROM SPRINGSIDE DR TO FOXMEADOW DR
FOXTAIL CT FROM WEST END TO SILVER ROCK DR



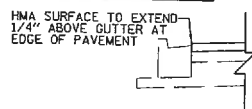
PROPOSED TYPICAL SECTION - FULL DEPTH HMA REMOVAL

CHANEY AVE FROM OAKLAND AVE TO HOFFMAN ST
HOFFMAN ST FROM CHANEY AVE TO ELSIE AVE
ELSI AVE FROM CLEMENTS ST TO HOFFMAN ST

EXISTING LEGEND

- (E1) EXISTING HOT-MIX ASPHALT PAVEMENT, SEE PAVEMENT CORES
- (E2) EXISTING AGGREGATE BASE, SEE PAVEMENT CORES
- (E3) EXISTING COMB. CONC. CURB & GUTTER REMOVED AS DIRECTED BY ENGINEER
- (E4) EXISTING PCC SIDEWALK REMOVED AS DIRECTED BY ENGINEER
- (E5) EXISTING SUBGRADE
- (E6) EXISTING HMA PAVEMENT AFTER MILLING
- (E7) HMA SURFACE REMOVAL, VARIABLE DEPTH - EDGE GRIND, 1 1/4" MAX. DEPTH
- (E8) HMA SURFACE REMOVAL, FULL DEPTH
- (E9) EXISTING AGGREGATE SHOULDER
- (E10) PAVEMENT REMOVAL
- (E11) EARTH EXCAVATION (WIDENING)
- (E12) HMA SURFACE REMOVAL, VARIABLE DEPTH - EDGE GRIND, 1 3/4" MAX. DEPTH

HMA SURFACE DETAIL



NOTES

1. CLASS D PATCHES SHALL BE CONSTRUCTED AT THE DIRECTION OF THE ENGINEER PRIOR TO HOT-IN-PLACE RECYCLING OPERATIONS.

PROPOSED LEGEND

- (P1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, NS0, 1 1/2"
- (P2) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, NS0, 2"
- (P3) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, NS0, 3"
- (P4) HOT IN-PLACE RECYCLING
- (P5) BITUMINOUS MATERIALS (TACK COAT)
- (P6) COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT AS DETERMINED BY ENGINEER
- (P7) GRADING AND SHAPING DITCHES (SEE NOTE 2)
- (P8) CLASS D PATCHES, 6 INCH (SPECIAL) (SEE NOTE 1)
- (P9) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL AND REPLACEMENT WITH POROUS GRANULAR MATERIAL, AS DETERMINED BY ENGINEER
- (P10) AGGREGATE BASE COURSE REPAIR (SPECIAL)
- (P11) PREPARATION OF BASE (SPECIAL)
- (P12) CLASS D PATCHES, 12 INCH (SPECIAL) (SEE NOTE 1)
- (P13) AGGREGATE SHOULDERS, TYPE B (AS DIRECTED BY ENGINEER)
- (P14) HMA BASE COURSE WIDENING, 10"
- (P15) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (P16) PARKWAY RESTORATION - SEEDING
- (P17) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, NS0, 2"

CLIENT:



CITY OF CREST HILL
20600 CITY CENTER BOULEVARD
CREST HILL, IL 60403

TITLE: **2026 ROADWAY REHABILITATION PROGRAM**
TYPICAL SECTIONS

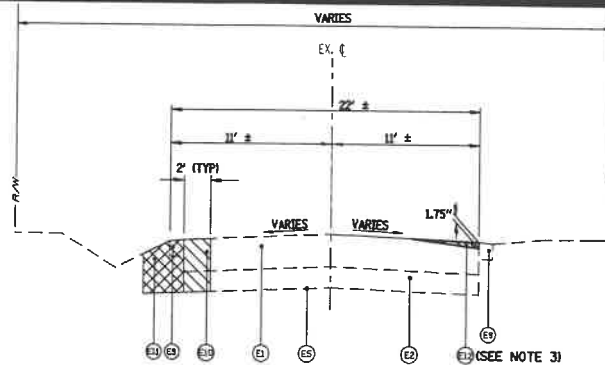
PROJ. NO. 250457
DATE: 6/11/2026
SHEET 1 OF 2
DRAWING NO.



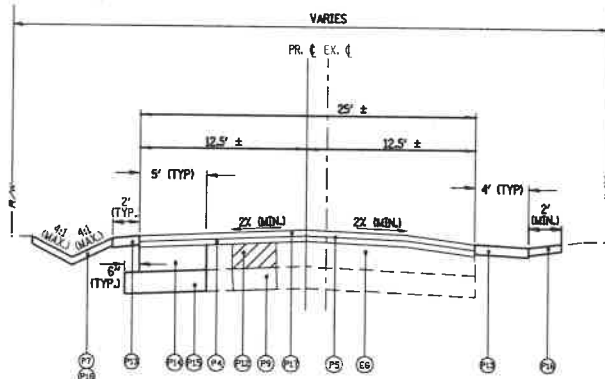
CHRISTOPHER B. BURKE ENGINEERING, LTD.
16221 W. 159th Street, Suite 201 Lockport, Illinois 60441 (815) 770-2850

DSGN.	AW	SCALE:	N.T.S.
DWN.	AW	MODEL:	Default
CHKD.	AJS	PLOT DATE:	6/11/2026
FILE:	TYP-01.250457		

TYP-1



EXISTING TYPICAL SECTION - WIDENING + HOT-IN-PLACE RECYCLING
CATON FARM RD FROM 500' WEST OF OAKLAND AVE TO BROADWAY ST



PROPOSED TYPICAL SECTION - HOT-IN-PLACE RECYCLING
CATON FARM RD FROM 500' WEST OF OAKLAND AVE TO BROADWAY ST

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AIR VOIDS @ Ndes	OMP
PAVEMENT RESURFACING (HIR) - LOCAL STREETS		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, NSO, 1 1/2"	4%±50GYR.	QC/QA
PAVEMENT RESURFACING (HIR) - CATON FARM ROAD		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70, 2"	4%±70GYR.	QC/QA
FULL DEPTH RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, NSO, 2"	4%±50GYR.	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, NSO, 3"	4%±50GYR.	QC/QA
RESIDENTIAL DRIVEWAYS		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, NSO, 1.5"	4%±50GYR.	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, NSO, 2.5"	4%±50GYR.	QC/QA
PAVEMENT PATCHING		
CLASS D PATCHES, (SPECIAL) (HMA BINDER IL-19.0, N70)	4%±70GYR.	QC/QA
HMA BASE COURSE WIDENING		
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 10"	4%±70GYR.	QC/QA
OMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QA/QC)		

1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT MIXTURE QUANTITIES IS 112 LB/SY PER INCH THICKNESS.
2. "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA MIXES "AC TYPE" SHALL BE "PG 64-22", UNLESS MODIFIED BY RECLAIMED MATERIALS PROVISIONS.

NOTES

1. CLASS D PATCHES SHALL BE CONSTRUCTED AT THE DIRECTION OF THE ENGINEER PRIOR TO HOT-IN-PLACE RECYCLING OPERATIONS.
2. GRADING AND SHAPING DITCHES SHALL BE DONE AT A MAXIMUM SLOPE OF 4:1, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
3. EDGE GRINDING ON CATON FARM ROAD SHALL ONLY BE COMPLETED AT LOCATIONS WHERE RESURFACING LIMITS ABUT EXISTING CURB OR PAVEMENT (HMA OR PCC) TO REMAIN. THE EDGE GRINDING SHALL EXTEND FOR 20' ON EITHER SIDE OF EXISTING ABUTTING PAVEMENT/CURB, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. EDGE GRINDING SHALL NOT BE NECESSARY FOR AREAS WHERE THE RESURFACING LIMITS DO NOT ABUT EXISTING PAVEMENT TO REMAIN.
4. DURING HOT-IN-PLACE RECYCLING OPERATIONS, THE CONTRACTOR SHALL WORK TO RE-PROFILE THE CROWN OF CATON FARM ROAD TO ACCOMMODATE THE PROPOSED WIDENING. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE HOT-IN-PLACE RECYCLING.

EXISTING LEGEND

- (E1) EXISTING HOT-MIX ASPHALT PAVEMENT, SEE PAVEMENT CORES
- (E2) EXISTING AGGREGATE BASE, SEE PAVEMENT CORES
- (E3) EXISTING COMB. CONC. CURB & GUTTER (REMOVED AS DIRECTED BY ENGINEER)
- (E4) EXISTING PCC SIDEWALK (REMOVED AS DIRECTED BY ENGINEER)
- (E5) EXISTING SUBGRADE
- (E6) EXISTING HMA PAVEMENT AFTER MILLING
- (E7) HMA SURFACE REMOVAL, VARIABLE DEPTH - EDGE GRIND, 1 1/4" MAX. DEPTH
- (E8) HMA SURFACE REMOVAL, FULL DEPTH
- (E9) EXISTING AGGREGATE SHOULDER
- (E10) PAVEMENT REMOVAL
- (E11) EARTH EXCAVATION (WIDENING)
- (E12) HMA SURFACE REMOVAL, VARIABLE DEPTH - EDGE GRIND, 1 3/4" MAX. DEPTH

PROPOSED LEGEND

- (P1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, NSO, 1 1/2"
- (P2) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, NSO, 2"
- (P3) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, NSO, 3"
- (P4) HOT IN-PLACE RECYCLING
- (P5) BITUMINOUS MATERIALS (TACK COAT)
- (P6) COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT AS DETERMINED BY ENGINEER
- (P7) GRADING AND SHAPING DITCHES (SEE NOTE 2)
- (P8) CLASS D PATCHES, 6 INCH (SPECIAL) (SEE NOTE 1)
- (P9) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL AND REPLACEMENT WITH POROUS GRANULAR MATERIAL, AS DETERMINED BY ENGINEER
- (P10) AGGREGATE BASE COURSE REPAIR (SPECIAL)
- (P11) PREPARATION OF BASE (SPECIAL)
- (P12) CLASS D PATCHES, 12 INCH (SPECIAL) (SEE NOTE 1)
- (P13) AGGREGATE SHOULDERS, TYPE B (AS DIRECTED BY ENGINEER)
- (P14) HMA BASE COURSE WIDENING, 10"
- (P15) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (P16) PARKWAY RESTORATION - SEEDING
- (P17) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70, 2"

CLIENT:



CITY OF CREST HILL
20600 CITY CENTER BOULEVARD
CREST HILL, IL 60403

TITLE:

2026 ROADWAY REHABILITATION PROGRAM
TYPICAL SECTIONS

PROJ. NO. 250457

DATE: 6/11/2026

SHEET 2 OF 2

DRAWING NO.

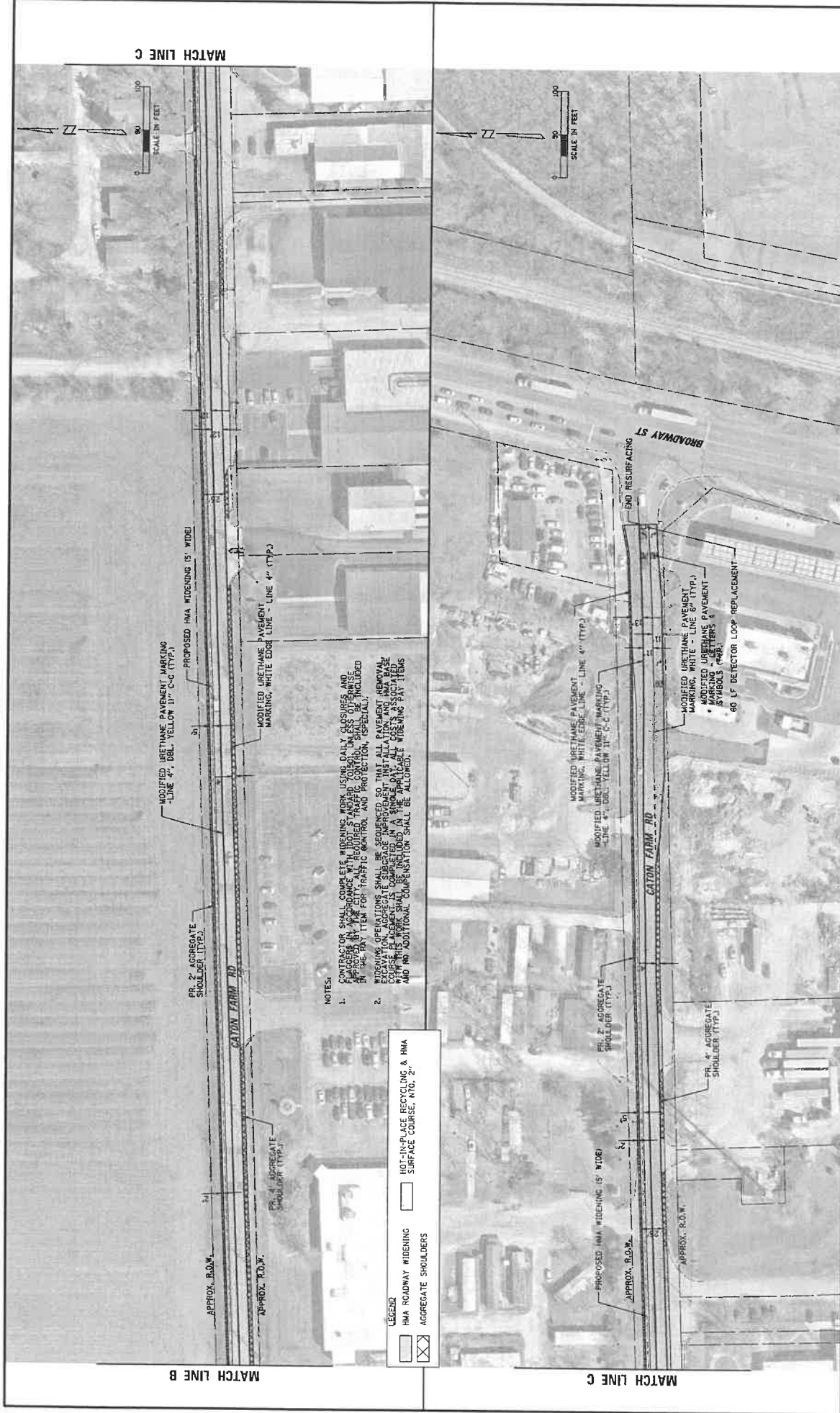


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DSGN.	AW	SCALE:	N.T.S.
DWN.	AW	MODEL:	Dot/Quit
CHKD.	AJS	PLOT DATE:	6/11/2026
FILE:	TYP_02.250457		

TYP-2



**CHRISTOPHER B. BURKE ENGINEERING, LTD.**
18221 W. 155th Street, Suite 201
Lockport, Illinois 60441
(815) 770-2850

CITY OF CREST HILL
20600 CITY CENTER BOULEVARD
CREST HILL, IL 60403

Crest Hill
CITY OF NEIGHBORS

CITY OF CREST HILL
2026 ROAD PROGRAM
CATON FARM ROAD WIDENING & RESURFACING

DESIGN	DATE	SCALE	PLOT DATE	CAD USER	CHKD	MODEL
ALJ	6/17/2026	AS SHOWN	6/17/2026	0607226		

PROJ. NO.	DATE	SHEET	OF	GRADING NO.	PLAN
250457	6/17/2026	1	2		PLN-2

2026 ROAD REHABILITATION PROGRAM

Summary of Quantities

City of Crew Hill
CBHEL Project No. 250457

6/1/2026

NO.	SP	IDOT CODE	ITEM	LOCAL									
				KINGSBROOK DR	LONGMEADOW DR	CARLTON ST	DUNDEE DR	CHANEY AVE	HOFFMAN ST	ELSE AVE			
				QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY			
			LENGTH TO BE IMPROVED	2,410	890	2,715	550	1,065	270	830			
			LENGTH TO EDGE OF PAVEMENT	28	28	28	28	29	30	28			
			ADDITIONAL AREAS (LARGE RETURNS/CLIFFS/SACS)	8,618	3,648	8,447	1,711	3,432	900	2,582			
			PAVEMENT AREA TO BE IMPROVED	1	1	1	1	3	1	2			
1	#	20101300	TREE ROOT PRUNING	0	0	0	0	0	0	0			
2	#	20205000	EARTH EXCAVATION (WIDENING)	0	0	0	0	0	0	0			
3	#	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS	11	5	4	5	114	30	86			
4	#	20700200	POROUS GRANULAR EMBANKMENT	0	0	0	0	0	0	0			
5	#	21400100	GRADING AND SHAPING DITCHES	0	0	0	0	0	0	0			
6	#	28000305	TEMPORARY DITCH CHECKS	0	0	0	0	0	0	0			
7	#	28000510	INLET FILTERS	19	7	15	6	3	1	6			
8	#	30000112	AGGREGATE SUBGRADE IMPROVEMENT 12"	0	0	0	0	0	0	0			
9	#	35000716	HOT-MIX ASPHALT BASE COURSE WIDENING 10"	0	0	0	0	0	0	0			
10	#	40500289	BT TUMBOUS WAREHOUSE TYPE 1 CURB REMOVAL - BUTT JOINT	4072	1441	3982	899	811	213	610			
11	#	40500290	BT TUMBOUS WAREHOUSE TYPE 1 CURB REMOVAL - BUTT JOINT	52	58	131	21	40	20	50			
12	#	40500300	HOT-MIX ASPHALT SURFACE COURSE - 1" - 1.0, N/A	0	0	0	0	0	0	0			
13	#	40600102	HOT-MIX ASPHALT SURFACE COURSE - 1" - 1.0, N/A	0	0	0	0	0	0	0			
14	#	42400000	HOT-MIX ASPHALT SURFACE COURSE - MIX 10" IL-0.5, N/A	782	277	767	156	418	109	313			
15	#	42400009	PORTLAND CEMENT CONCRETE SIDEWALK - 5" INCH (SPECIAL)	319	587	220	0	0	0	0			
16	#	42400800	DETECTABLE WARNING	40	80	40	0	0	0	0			
17	#	44000100	PAVEMENT REMOVAL	0	0	0	0	0	0	0			
18	#	44000200	DRIVEWAY PAVEMENT REMOVAL	0	0	0	0	0	0	0			
19	#	44000500	SIDEWALK REMOVAL	319	587	220	0	0	0	0			
20	#	44500713	CLASS D PATCHES, 6 INCH (SPECIAL)	322	153	107	158	0	0	0			
21	#	44500785	AGGREGATE SHOULDER	0	0	0	0	0	0	0			
22	#	48101202	AGGREGATE SHOULDER	0	0	0	0	0	0	0			
23	#	50000000	PAVEMENT REPAIR	0	0	0	0	0	0	0			
24	#	50000000	FRAMES AND LIDS TYPE 1, OPEN LID	5	2	4	2	1	1	2			
25	#	50400100	FRAMES AND LIDS TYPE 1, CLOSED LID	0	0	0	0	0	0	0			
26	#	57010116	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	0,10	0,10	0,10	0,05	0,10	0,05	0,10			
27	#	70300100	SHORT TERM PAVEMENT MARKING	0	0	0	0	0	0	0			
28	#	70300150	SHORT TERM PAVEMENT MARKING	0	0	0	0	0	0	0			
29	#	70300211	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS - PAINT	0	0	0	0	0	0	0			
30	#	70300221	TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT	0	0	0	0	0	0	0			
31	#	70300241	TEMPORARY PAVEMENT MARKING - LINE 6" - PAINT	0	0	0	0	0	0	0			
32	#	70300281	TEMPORARY PAVEMENT MARKING - LINE 12" - PAINT	0	0	0	0	0	0	0			
33	#	70300281	TEMPORARY PAVEMENT MARKING - LINE 24" - PAINT	0	0	0	0	0	0	0			
34	#	78000000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	0	0	0	0	0	0	0			
35	#	78000004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	0	0	0	0	0	0	0			
36	#	78000006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	0	0	0	0	0	0	0			
37	#	78000008	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	0	0	0	0	0	0	0			
38	#	78000024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	0	0	0	0	0	0	0			
39	#	78000024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	0	0	0	0	0	0	0			
40	#	X1500300	AGGREGATE BASE REPAIR (SPECIAL)	16	18	105	31	18	31	45			
41	#	X1500302	PREPARATION OF BASE (SPECIAL)	32	32	306	96	74	38	108			
42	#	X6020050	SANITARY MANHOLES TO BE ADJUSTED	0	0	0	0	143	38	108			
43	#	X8800105	DETECTOR LOOP REPLACEMENT	0	0	0	0	2	0	2582			
44	#	20013788	CONSTRUCTION LAYOUT	0,10	0,10	0,10	0,05	0,10	0,05	0,10			
45	#	20018400	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED	5	2	5	2	2	1	5			
46	#	20017700	DRAINAGE & UTILITY STRUCTURES TO BE RECONSTRUCTED	0	0	0	0	0	0	0			
47	#	L000520	HOT INPLACE RECYCLING - SURFACE RECYCLING	854	3049	8407	1711	6	0	0			
48	#	NA	CONCRETE DRIVEWAY PAVEMENT (SPECIAL)	182	110	187	0	0	0	0			
49	#	NA	HOT-MIX ASPHALT DRIVEWAY PAVEMENT (SPECIAL)	0	0	0	0	0	0	0			
50	#	NA	HOT-MIX ASPHALT DRIVEWAY PAVEMENT (SPECIAL)	0	0	0	0	0	0	0			
51	#	NA	HOT-MIX ASPHALT SURFACE REMOVAL FULL DEPTH	0	0	0	0	0	0	0			
52	#	NA	HOT-MIX ASPHALT SURFACE REMOVAL VARIABLE DEPTH - EDGE GRIND 1.25" MAX. DEPTH	3279	1439	3582	807	0	0	0			
53	#	NA	HOT-MIX ASPHALT SURFACE REMOVAL VARIABLE DEPTH - EDGE GRIND 1.75" MAX. DEPTH	0	0	0	0	0	0	0			
54	#	NA	PAVEMENT RESTORATION - SEEDING	83	90	74	0	0	0	0			
55	#	NA	PROJECT SIGNS	2	1	2	1	2	2	2			
56	#	NA	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT (EARLY STRENGTH) 8"	0	0	1100	362	0	0	0			
			PCC MEDIAN EXTENSION (GAYLORD ROAD)	0	0	0	0	0	0	0			
			L SUM	0	0	0	0	0	0	0			

Summary of Quantities

NO.		SP	IDOT CODE	ITEM	UNIT	FOXMEADOW DR SPRINGSIDE DR TO GAYLORD RD 1.25' EDGE GRIND, HIP RECYCLING, 1.5' SURFACE	SILVER ROCK DR SPRINGSIDE DR TO FOXMEADOW DR 1.25' EDGE GRIND, HIP RECYCLING, 1.5' SURFACE	FOXTAIL CT WEST END TO SILVER ROCK DR 1.25' EDGE GRIND, HIP RECYCLING, 1.5' SURFACE	CANTON FARM RD 500' WEST OF OAKLAND TO BROADWAY ST 1.75' EDGE GRIND, HIP RECYCLING, 2' SURFACE	CENTER STREET ADDRESSES 1905 & 1914 DRIVEWAY APRON REPLACEMENTS	GAYLORD ROAD AT CN RAILROAD PCC MEDIAN EXTENSION	TOTAL QUANTITY
LOCAL												
LENGTH TO BE IMPROVED												
WIDTH (EDGE TO EDGE OF PAVEMENT)												
ADDITIONAL AREAS (LARGE RETICULUS/DESIGNS)												
PAVEMENT AREA TO BE IMPROVED												
1	#	20101200		THREE ROOT PRUNING	EA	1	1	1	2	0	0	15
2	#	20305000		EARTH EXCAVATION (WIDENING)	CU YD	0	0	0	1300	0	0	1300
3	#	20201200		REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS	CU YD	5	4	2	91	0	0	257
4	#	20709200		POROUS GRANULAR EMBANKMENT	CU YD	0	0	0	3500	0	0	3500
5	#	21400100		GRADING AND SHAPING DITCHES	EA	0	0	0	140	0	0	140
6	#	24003305		TEMPORARY DITCH CHECKS	EA	7	11	4	0	0	0	79
7	#	24003305		TEMPORARY DITCH CHECKS	EA	0	0	0	0	0	0	0
8	#	30300112		AGGREGATE SURF GRADE IMPROVEMENT 12"	SQ YD	0	0	0	2189	0	0	2189
9	#	35009716		HOT-MIX ASPHALT BASE COURSE WIDENING 10"	SQ YD	0	0	0	1990	0	0	1990
10	#	40902900		BITUMINOUS MATERIALS (TACK COAT)	POUND	1706	2374	1181	6911	0	0	24100
11	#	40902902		HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	TON	77	58	0	91	0	0	649
12	#	40903300		HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N-50	TON	0	0	0	0	0	0	1256
13	#	40904012		HOT-MIX ASPHALT SURFACE COURSE, MKX "D", IL-9.5, N-70	TON	328	456	223	1770	0	0	3827
14	#	42400400		HOT-MIX ASPHALT SURFACE COURSE, MKX "D", IL-9.5, N-80	TON	0	0	0	0	0	0	1106
15	#	42400500		PORTLAND CEMENT CONCRETE SIDEWALK, 5-INCH (SPECIAL)	SQ FT	0	0	0	0	0	0	160
16	#	42400800		DETECTABLE WARNINGS	EA	0	0	0	834	0	0	834
17	#	44000100		PAVEMENT REMOVAL	SQ YD	0	0	0	0	16	0	16
18	#	44000200		DRIVEWAY PAVEMENT REMOVAL	EA	0	0	0	0	0	0	0
19	#	44000600		SIDEWALK REMOVAL	EA	0	0	0	0	0	0	0
20	#	44001713		CLASS D PATCHES, 6 INCH (SPECIAL)	SQ YD	153	125	62	232	0	0	1106
21	#	44001765		CLASS D PATCHES, 12 INCH (SPECIAL)	EA	0	0	0	0	0	0	0
22	#	48101622		AGGREGATE SHOULDERS, TYPE B	CU YD	0	0	0	370	0	0	370
23	#	50400000		CONCRETE DRIVEWAY	EA	0	0	0	0	0	0	0
24	#	50400000		FRAMES AND LIDS, TYPE 1 OPEN LID	EA	2	3	1	0	0	0	4
25	#	50405100		FRAMES AND LIDS, TYPE 1 CLOSED LID	EA	0	0	0	0	0	0	23
26	#	X7010218		TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	0.10	0.10	0.05	0.15	0	0	2
27	#	70300100		SHORT TERM PAVEMENT MARKING	FOOT	0	0	0	1090	0	0	1090
28	#	70300150		SHORT TERM PAVEMENT MARKING REMOVAL	FOOT	0	0	0	364	0	0	364
29	#	70300511		TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	0	0	0	116	0	0	116
30	#	70300521		TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT	FOOT	0	0	0	20318	0	0	20318
31	#	70300541		TEMPORARY PAVEMENT MARKING - LINE 6" - PAINT	FOOT	0	0	0	523	0	0	523
32	#	70300581		TEMPORARY PAVEMENT MARKING - LINE 12" - PAINT	FOOT	0	0	0	87	0	0	87
33	#	70300581		TEMPORARY PAVEMENT MARKING - LINE 24" - PAINT	FOOT	0	0	0	38	0	0	38
34	#	76000900		MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	0	0	0	115	0	0	115
35	#	76003904		MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	0	0	0	20318	0	0	20318
36	#	76005812		MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	0	0	0	523	0	0	523
37	#	76005812		MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	0	0	0	87	0	0	87
38	#	76005812		MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	15	42	13	38	0	0	117
39	#	76300201		PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	30	64	26	14625	0	0	368
40	#	X3500300		AGGREGATE BASE REPAIR (SPECIAL)	TON	0	0	0	0	0	0	15488
41	#	X3803002		PREPARATION OF BASE (SPECIAL)	SQ YD	0	0	0	0	0	0	299
42	#	X6026560		SANITARY MANHOLES TO BE ACQUIRED	EA	0	0	0	0	0	0	6914
43	#	X8860105		DETECTOR LOOP REPLACEMENT	FOOT	0	0	0	75	0	0	5
44	#	Z0013798		CONSTRUCTION LAYOUT	LSUM	0.10	0.10	0.05	0.15	0	0	1
45	#	Z00918400		DRAINAGE & UTILITY STRUCTURES TO BE ACQUIRED	EA	0	2	8	0	0	0	32
46	#	Z0017700		DRAINAGE & UTILITY STRUCTURES TO BE RECONSTRUCTED	SQ YD	3609	5024	2457	14625	0	0	47538
47	#	LK4005020		IN-PLACE RECYCLING - SURFACE RECYCLING	EA	0	0	0	0	0	0	4
48	#	NA		COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	0	0	0	0	0	0	0
49	#	NA		HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 4" (SPECIAL)	SQ YD	0	0	0	0	18	0	18
50	#	NA		HOT-MIX ASPHALT SURFACE REMOVAL, FULL DEPTH	SQ YD	0	0	0	0	0	0	479
51	#	NA		HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH, 1.35" MAX. DEPTH	SQ YD	1702	2359	948	0	0	0	6914
52	#	NA		PAVEMENT SURFACE REMOVAL, VARIABLE DEPTH, 1.95" MAX. DEPTH	SQ YD	0	0	0	1540	0	0	14923
53	#	NA		PAVEMENT SURFACE REMOVAL, VARIABLE DEPTH, 1.95" MAX. DEPTH	SQ YD	0	0	0	4267	0	0	4324
54	#	NA		PROJECT SIGNS	EA	2	1	1	3	0	0	19
55	#	NA		PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT (H-EARLY STRENGTH) 6"	SQ YD	0	0	0	0	40	0	1487
56	#	NA		PCC MEDIAN EXTENSION (GAYLORD ROAD)	LSUM	0	0	0	0	0	1	1