



Local Public Agency Formal Contract

Contractor's Name

Stark Excavating, Inc.

Contractor's Address

1805 W. Washington St.

City

Bloomington

State

IL

Zip Code

61701

STATE OF ILLINOIS

Local Public Agency

Champaign County Highway Department

County

Champaign

Section Number

25-00156-00-BR

Street Name/Road Name

FAS 532 (CH 6-200E)

Type of Funds

County Bridge Funds

☒ CONTRACT BOND (when required)

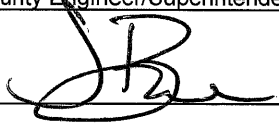
For a County and Road District Project

Submitted/Approved

Highway Commissioner Signature & Date

Submitted/Approved

County Engineer/Superintendent of Highways Signature & Date

 3/10/22

For a Municipal Project

Submitted/Approved/Passed

Signature & Date

Official Title

Department of Transportation

☐ Concurrence in approval of award

Regional Engineer Signature & Date

Local Public Agency	Local Street/Road Name	County	Section Number
Champaign County Highway Department	FAS 532 (CH 6-200E)	Champaign	25-00156-00-BR

1. THIS AGREEMENT, made and concluded the 26th day of February 2026 between the County of Champaign County Highway, known as the party of the first part, and Stark Excavating, Inc., its successor, and assigns, known as the party of the second part.
2. For and in consideration of the payments and agreements mentioned in the Proposal hereto attached, to be made and performed by the party of the first part, and according to the terms expressed in the Bond referring this contract, the party of the second part agrees with said party of the first part, at its own proper cost and expense, to do all the work, furnish all materials and all labor necessary to complete the work in accordance with the plans and specifications hereinafter described, and in full compliance with all of the terms of this contract.
3. It is also understood and agreed that the LPA Formal Contract Proposal, Special Provisions, Affidavit of Illinois Business Office, Apprenticeship or Training Program Certification, and Contract Bond hereto attached, and the Plans for Section 25-00156-00-BR in Champaign County Highway Dep, approved by the Illinois Department of Transportation on _____, are essential documents of this contract and are a part hereof.

4. IN WITNESS WHEREOF, the said parties have executed this contract on the date above mentioned.

Attest: The County of Champaign County Highway

Clerk Signature & Date

Aaron Ammons 3-12-26

(SEAL, if required by the LPA)

Party of the First Part Signature & Date

By: [Signature]

(If a Corporation)

Corporate Name

Stark Excavating, Inc.

VICE

President, Party of the Second Part Signature & Date

By: [Signature]

(If a Limited Liability Corporation)

LLC Name

Manager or Authorized Member, Party of the Second Part

By:

(If a Partnership)

Partner Signature & Date

Partner Signature & Date

Partners doing Business under the firm name of
Party of the Second Part

(If an individual)

Party of the Second Part Signature & Date

Attest:

Secretary Signature & Date

[Signature]

(SEAL, if required by the LPA)



Contract Bond

Local Public Agency	County	Street Name/Road Name	Section Number
Champaign County Highway	Champaign	FAS 532 (CH 6-200E)	25-00156-00-BR

Bond information to be returned to Local Public Agency at 1605 E Main Street Urbana, IL 61802
Complete Address

We, Stark Excavating, Inc. 1805 W. Washington St. Bloomington, IL 61701
Contractor's Name and Address

a/an Corporation organized under the laws of the State of Illinois as PRINCIPAL, and
State

Berkley Insurance Company - 475 Steamboat Rd. Greenwich CT 06830
Surety Name and Address

as SURETY, are held and firmly bound unto the above Local Public Agency (hereafter referred to as "LPA") in the penal sum of
Two hundred twenty-nine thousand, nine hundred seventy-eight dollars.

Dollars (\$229,978.00) lawful money of the United States, to be paid to said LPA, the payment of which we bind ourselves,
successors and assigns jointly to pay to the LPA this sum under the conditions of this instrument.

WHEREAS, THE CONDITION OF THE FOREGOING OBLIGATION IS SUCH that the said Principal has entered into a written contract with the LPA acting through its awarding authority for the construction of work on the above sections, which contract is hereby referred to and made a part hereof, as if written herein at length, and whereby the said Principal has promised and agreed to perform said work in accordance with the terms of said contract, and has promised to pay all sums of money due for any labor, materials, apparatus, fixtures or machinery furnished to such Principal for the purpose of performing such work and has further agreed to pay all direct and indirect damages to any person, firm, company or corporation to whom any money may be due from the Principal, subcontractor or otherwise for any such labor, materials, apparatus, fixtures or machinery so furnished and that suit may be maintained on such bond by any such person, firm, company or corporation for the recovery of any such money.

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

IN TESTIMONY WHEREOF, the said PRINCIPAL and the said SURETY have caused this instrument to be signed by their respective agents this 3rd day of March, 2026
Day Month and Year

PRINCIPAL

Company Name

Stark Excavating, Inc

By: David K. Stark, Jr
Signature & Date

(03/03/2026)

Attest: Garry W. Masso
Signature & Date

(03/03/2026)

Company Name

N/A

By
Signature & Date

N/A

Attest
Signature & Date

N/A

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

STATE OF IL
COUNTY OF MCLEAN

I, Erin P. Mool, a Notary Public in and for said county, do hereby certify that
Notary Name

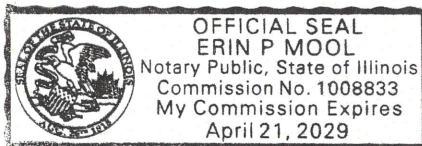
David K. Stark, Jr and Gary W. Masso

Insert name of Individuals signing on behalf of PRINCIPAL

who is/are each personally known to me to be the same person(s) whose name(s) is/are subscribed to the foregoing instrument on behalf of PRINCIPAL, appeared before me this day in person and acknowledged respectively, that he/she/they signed and delivered said instrument freely and voluntarily for the uses and purposes therein set forth.

Given under my hand and notarial seal this 3rd day of March, 2026.
Day Month, Year

(SEAL)



Notary Public Signature & Date

[Signature] (03/03/2026)
Date commission expires 04/21/29

SURETY

Name of Surety

Berkley Insurance Company

Title: Attorney-in-Fact

By: [Signature]

STATE OF IL
COUNTY OF CHAMPAIGN

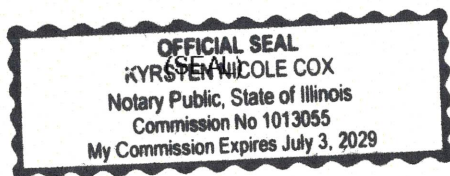
I, Kyrsten N. Cox, a Notary Public in and for said county, do hereby certify that
Notary Name

Lucas Sherman

Insert name of Individuals signing on behalf of SURETY

who is/are each personally known to me to be the same person(s) whose name(s) is/are subscribed to the foregoing instrument on behalf of SURETY, appeared before me this day in person and acknowledged respectively, that he/she/they signed and delivered said instrument freely and voluntarily for the uses and purposes therein set forth.

Given under my hand and notarial seal this 3rd day of March, 2026.
Day Month, Year



Notary Public Signature & Date

[Signature] (03/03/2026)
Date commission expires 07/03/29

Approved this _____ day of _____
Day Month, Year

Attest:

Local Public Agency Clerk Signature & Date

[Signature] 3-12-26

County _____

Clerk

Local Public Agency Type _____

Awarding Authority

Champaign County Board

Awarding Authority Signature & Date

[Signature]

POWER OF ATTORNEY
BERKLEY INSURANCE COMPANY
WILMINGTON, DELAWARE

NOTICE: The warning found elsewhere in this Power of Attorney affects the validity thereof. Please review carefully.

KNOW ALL MEN BY THESE PRESENTS, that BERKLEY INSURANCE COMPANY (the "Company"), a corporation duly organized and existing under the laws of the State of Delaware, having its principal office in Greenwich, CT, has made, constituted and appointed, and does by these presents make, constitute and appoint: *Lucas Sherman of CoraMae, Inc. dba Insurance Risk Managers of Champaign, IL* its true and lawful Attorney-in-Fact, to sign its name as surety only as delineated below and to execute, seal, acknowledge and deliver any and all bonds and undertakings, with the exception of Financial Guaranty Insurance, providing that no single obligation shall exceed **Fifty Million and 00/100 U.S. Dollars (U.S.\$50,000,000.00)**, to the same extent as if such bonds had been duly executed and acknowledged by the regularly elected officers of the Company at its principal office in their own proper persons.

This Power of Attorney shall be construed and enforced in accordance with, and governed by, the laws of the State of Delaware, without giving effect to the principles of conflicts of laws thereof. This Power of Attorney is granted pursuant to the following resolutions which were duly and validly adopted at a meeting of the Board of Directors of the Company held on January 25, 2010:

RESOLVED, that, with respect to the Surety business written by Berkley Surety, the Chairman of the Board, Chief Executive Officer, President or any Vice President of the Company, in conjunction with the Secretary or any Assistant Secretary are hereby authorized to execute powers of attorney authorizing and qualifying the attorney-in-fact named therein to execute bonds, undertakings, recognizances, or other suretyship obligations on behalf of the Company, and to affix the corporate seal of the Company to powers of attorney executed pursuant hereto; and said officers may remove any such attorney-in-fact and revoke any power of attorney previously granted; and further

RESOLVED, that such power of attorney limits the acts of those named therein to the bonds, undertakings, recognizances, or other suretyship obligations specifically named therein, and they have no authority to bind the Company except in the manner and to the extent therein stated; and further

RESOLVED, that such power of attorney revokes all previous powers issued on behalf of the attorney-in-fact named; and further

RESOLVED, 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 obligation of the Company; and such signature and seal when so used shall have the same force and effect as though manually affixed. The Company may continue to use for the purposes herein stated the facsimile signature of any person or persons who shall have been such officer or officers of the Company, notwithstanding the fact that they may have ceased to be such at the time when such instruments shall be issued.

IN WITNESS WHEREOF, the Company has caused these presents to be signed and attested by its appropriate officers and its corporate seal hereunto affixed this 3rd day of DECEMBER, 2019.

Attest:

(Seal)

By

Ira S. Lederman
Executive Vice President & Secretary

Berkley Insurance Company

By

Jeffrey M. Hafter
Senior Vice President

WARNING: THIS POWER INVALID IF NOT PRINTED ON BLUE "BERKLEY" SECURITY PAPER.

STATE OF CONNECTICUT)

) ss:

COUNTY OF FAIRFIELD)

Sworn to before me, a Notary Public in the State of Connecticut, this 3rd day of DECEMBER, 2019, by Ira S. Lederman and Jeffrey M. Hafter who are sworn to me to be the Executive Vice President and Secretary, and the Senior Vice President, respectively, of Berkley Insurance Company.

MARIA C RUNDRAKEN
NOTARY PUBLIC
CONNECTICUT
MY COMMISSION EXPIRES
APRIL 30, 2024

Maria C. Rundracken
Notary Public, State of Connecticut

CERTIFICATE

I, the undersigned, Assistant Secretary of BERKLEY INSURANCE COMPANY, DO HEREBY CERTIFY that the foregoing is a true, correct and complete copy of the original Power of Attorney; that said Power of Attorney has not been revoked or rescinded and that the authority of the Attorney-in-Fact set forth therein, who executed the bond or undertaking to which this Power of Attorney is attached, is in full force and effect as of this date.

Given under my hand and seal of the Company, this 3rd day of March, 2016.

(Seal)

Vincent P. Forte
Vincent P. Forte

WARNING - Any unauthorized reproduction or alteration of this document is prohibited. This power of attorney is void unless seals are readable and the certification seal at the bottom is embossed. The background imprint, warning and verification instructions (on reverse) must be in blue ink.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
11/13/2025

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 on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Insurance Risk Managers 2104 Windsor Place Suite B Champaign IL 61820		CONTACT NAME: Luke Sherman PHONE (A/C, No, Ext): (217) 239-3755 FAX (A/C, No): (217) 239-3769 E-MAIL ADDRESS: service@irmagency.com	
		INSURER(S) AFFORDING COVERAGE	NAIC #
		INSURER A: Wilson Mutual Insurance Company	19950
		INSURER B: Motorists Commercial Mutual Insurance Company	13331
		INSURER C: BrickStreet Mutual Insurance Company	12372
		INSURER D: Great American Insurance Company	16691
		INSURER E: Westchester Surplus Lines Insurance	10172
		INSURER F: Berkley National Insurance Company	38911

COVERAGES **CERTIFICATE NUMBER:** 26-27 Master **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 INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	☒ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☒ OCCUR	Y		5000151698	01/01/2026	01/01/2027	EACH OCCURRENCE \$ 1,000,000
	DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 500,000						
	MED EXP (Any one person) \$ 10,000						
	PERSONAL & ADV INJURY \$ 1,000,000						
GEN'L AGGREGATE LIMIT APPLIES PER: ☐ POLICY ☒ PRO-JECT ☒ LOC OTHER:							GENERAL AGGREGATE \$ 2,000,000
							PRODUCTS - COMP/OP AGG \$ 2,000,000
B	☒ AUTOMOBILE LIABILITY ☐ ANY AUTO ☐ OWNED AUTOS ONLY ☐ HIRED AUTOS ONLY ☐ SCHEDULED AUTOS ☐ NON-OWNED AUTOS ONLY			5000151699	01/01/2026	01/01/2027	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000
	BODILY INJURY (Per person) \$						
	BODILY INJURY (Per accident) \$						
	PROPERTY DAMAGE (Per accident) \$						
B	☒ UMBRELLA LIAB ☒ OCCUR ☐ EXCESS LIAB ☐ CLAIMS-MADE DED ☒ RETENTION \$ 0			5000151849	01/01/2026	01/01/2027	EACH OCCURRENCE \$ 5,000,000
	AGGREGATE \$ 5,000,000						
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	N/A		WCB1033288	12/31/2025	12/31/2026	☒ 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						
D	Excess Liability			TUE332603306	01/01/2026	01/01/2027	Each Occurrence \$5,000,000
	Aggregate \$5,000,000						

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Champaign County Highway Department is included as additional insured with respect to general liability as required by written contract. Umbrella follows form.
The coverage and limits conform to the minimums required by Article 107.27 of the Standard Specifications for Road and Bridge Construction.

CERTIFICATE HOLDER

CANCELLATION

Champaign County Highway Department 1605 E Main St Urbana IL 61802	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 

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COVER SHEET

Proposal Submitted By:

Contractor's Name

Stark Excavating, Inc.

Contractor's Address

1805 W. Washington St.

City

Bloomington

State

IL

Zip Code

61701

STATE OF ILLINOIS

Local Public Agency

Champaign County Highway Department

County

Champaign

Section Number

25-00156-00-BR

Route(s) (Street/Road Name)

FAS 532 (CH 6) Culvert Extensions

Type of Funds

Local

☐ Proposal Only ☐ Proposal and Plans ☒ Proposal only, plans are separate

Submitted/Approved

For Local Public Agency:

For a County and Road District Project

Submitted/Approved

Highway Commissioner Signature & Date

Submitted/Approved

County Engineer/Superintendent of Highways Signature & Date

[Signature] 2/4/24

For a Municipal Project

Submitted/Approved/Passed

Signature & Date

Official Title

Department of Transportation

Released for bid based on limited review

Regional Engineer Signature & Date

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

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
Champaign County Highway Dep	Champaign	25-00156-00-BR	FAS 532 (CH 6) Culvert Extens

NOTICE TO BIDDERS

Sealed proposals for the project described below will be received at the office of the Champaign County Engineer

1605 East Main Street, Urbana, IL 61802
Address
 Name of Office
 until 10:00 AM on 02/26/26
Time Date

Sealed proposals will be opened and read publicly at the office of the Champaign County Engineer

1605 East Main Street, Urbana, IL 61802
Address
 Name of Office
 at 10:00 AM on 02/26/26
Time Date

DESCRIPTION OF WORK

Location	Project Length
Various Culverts on CH 6 (200E) between 1100N and 1500N	4 miles

Proposed Improvement

Cut off the headwalls and then patch the existing culverts and then extend the existing concrete box culverts approximately 5' on both RT and LT sides of the roadway. General site grading and clean up is also expected.

1. Plans and proposal forms will be available in the office of

Champaign County Engineer, 1605 East Main Street, Urbana, IL 61802

Cost for bid set is \$25, non-refundable and will include 1 set of plans and 1 proposal booklet.

2. ☐ Prequalification

If checked, the 2 apparent as read low bidders must file within 24 hours after the letting an "Affidavit of Availability" (Form BC 57) in triplicate, 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 two originals 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. Local Public Agency Formal Contract Proposal (BLR 12200)
 - b. Schedule of Prices (BLR 12201)
 - c. Proposal Bid Bond (BLR 12230) (if applicable)
 - d. Apprenticeship or Training Program Certification (BLR 12325) (do not use for project with Federal funds.)
 - e. Affidavit of Illinois Business Office (BLR 12326) (do not use for project with Federal funds)
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.

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
Champaign County Highway Dep	Champaign	25-00156-00-BR	FAS 532 (CH 6) Culvert Extens

PROPOSAL

1. Proposal of Stark Excavating, Inc.

Contractor's Name

1805 W. Washington St. Bloomington, IL 61701

Contractor's Address
2. The plans for the proposed work are those prepared by the Champaign County Highway Department
and approved by Champaign County Highway Department on Feb 4, 2026
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 06/06/26 unless additional time is granted in accordance with the specifications.
6. 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 of check shall be forfeited to the Awarding Authority.
7. 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 products 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. A bid may be declared unacceptable if neither a unit price nor a total price is shown.
8. The undersigned submits herewith the schedule of prices on BLR 12201 covering the work to be performed under this contract.
9. The undersigned further agrees that if awarded the contract for the sections contained in the combinations on BLR 12201, 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.
10. 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: _____ Treasurer of Champaign County
The amount of the check is _____ Bid Bond- 5% (5% Bid Bond).

Attach Cashier's Check or Certified Check Here

In the event that one proposal guaranty check is intended to cover two or more bid proposals, the amount must be equal to the sum of the proposal guaranties which would be required for each individual bid proposal. If the proposal guaranty check is placed in another bid proposal, state below where it may be found.

The proposal guaranty check will be found in the bid proposal for: Section Number _____

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
Champaign County Highway Dep	Champaign	25-00156-00-BR	FAS 532 (CH 6) Culvert Extens

CONTRACTOR CERTIFICATIONS

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 procedure established by the appropriate Revenue Act, its liability for the tax or the amount of the 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: (1) it has been finally adjudicated not guilty or (2) if it demonstrates to the governmental entity with which it seeks to contract 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 on 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 of 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 on 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 canceled.

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
Champaign County Highway Dep	Champaign	25-00156-00-BR	FAS 532 (CH 6) Culvert Extens

SIGNATURES

(If an individual)

Bidder Signature & Date

--

Business Address

--

City

State

Zip Code

--	--	--

(If a partnership)

Firm Name

--

Signature & Date

--

Title

--

Business Address

--

City

State

Zip Code

--	--	--

Insert the Names and Addresses of all Partners

--

(If a corporation)

Corporate Name

Stark Excavating, Inc.

Signature & Date

<i>David Stark</i>

Title

Vice President

Business Address

1805 W. Washington St.

City

State

Zip Code

Bloomington	IL	61701
-------------	----	-------

Insert Names of Officers

President

David K. Stark

Attest:

Gary W. Masso, Corp Secy
Secretary

Secretary

Gary W. Masso

Treasurer

Gary W. Masso



Contractor's Name

Stark Excavating, Inc.

Contractor's Address

1805 W. Washington St.

City

Bloomington

State

IL

Zip Code

61701

Local Public Agency

Champaign County Highway Department

County

Champaign

Section Number

25-00156-00-BR

Route(s) (Street/Road Name)

FAS 532 (CH 6) (200E) Culvert Extensions

Schedule for Multiple Bids

Combination Letter	Section Included in Combinations	Total

Schedule for Single Bid

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

Item Number	Items	Unit	Quantity	Unit Price	Total
48102100	Aggregate Wedge Sh, Ty B	Ton	116	150.00	17,400.00
50800205	Reinf. Bars, Epoxy Coated	Pound	7980	2.35	18,753.00
54003000	Concrete Box Culverts	Cu Yd	32	4,650.00	148,800.00
67100100	Mobilization	L Sum	1	13,425.00	13,425.00
X5810103	Mem. WaterPf. Sys for Bur. Str.	Sq Yd	110	85.00	9,350.00
X7010216	Traffic Control and Prot, (SPL)	L Sum	1	1,000.00	1,000.00
Z0012754	Str. Repair of Conc (Dep=<5")	Sq Ft	90	225.00	20,250.00
Z0013798	Construction Layout	L Sum	1	1,000.00	1,000.00
Bidder's Total Proposal					\$229,978.00

- 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.
- A bid may be declared unacceptable if neither a unit price or total price is shown.



Local Public Agency	County	Section Number
Champaign County Highway Department	Champaign	25-00156-00-BR

WE, Stark Excavating, Inc as PRINCIPAL, and Berkley Insurance Company as SURETY, are held jointly, severally and firmly bound unto the above Local Public Agency (hereafter referred to as "LPA") in the penal sum of 5% of the total bid price, or for the amount specified in the proposal documents in effect on the date of invitation for bids, whichever is the lesser sum. We bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly pay to the LPA 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 LPA 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 LPA 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 LPA determines the PRINCIPAL has failed to enter into a formal contract in compliance with any requirements set forth in the preceding paragraph, then the LPA 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 26th of February, 2026
Day Month and Year

Principal

Company Name
Stark Excavating, Inc

Signature & Date
By: (David K. Stark, Jr) (02/26/2026)
Title
Vice President

Company Name
N/A

Signature & Date
By: N/A
Title
N/A

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

Surety

Name of Surety
Berkley Insurance Company

Signature of Attorney-in-Fact Signature & Date
By: (Lucas Sherman) (02/26/2026)

STATE OF IL
COUNTY OF MCLEAN

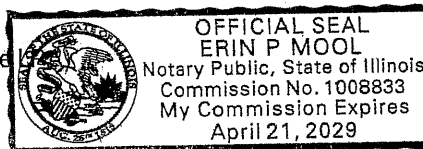
I Erin P. Mool, a Notary Public in and for said county do hereby certify that

David K. Stark, Jr (SEE ATTACHED JURAT FOR SURETY)
(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.

Given under my hand and notarial seal this 26th day of February, 2026
Day Month and Year

(SEAL, if required by the



Notary Public Signature & Date
(Signature)
Date commission expires 04/21/2029

Champaign County Highway Department

Champaign

25-00156-00-BR

ELECTRONIC BID BOND

☐ Electronic bid bond is allowed (box must be checked by LPA 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 LPA 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

[illegible]

Company/Bidder Name

Signature & Date

Title

POWER OF ATTORNEY
BERKLEY INSURANCE COMPANY
WILMINGTON, DELAWARE

NOTICE: The warning found elsewhere in this Power of Attorney affects the validity thereof. Please review carefully.

KNOW ALL MEN BY THESE PRESENTS, that BERKLEY INSURANCE COMPANY (the "Company"), a corporation duly organized and existing under the laws of the State of Delaware, having its principal office in Greenwich, CT, has made, constituted and appointed, and does by these presents make, constitute and appoint: *Lucas Sherman of CoraMae, Inc. dba Insurance Risk Managers of Champaign, IL* its true and lawful Attorney-in-Fact, to sign its name as surety only as delineated below and to execute, seal, acknowledge and deliver any and all bonds and undertakings, with the exception of Financial Guaranty Insurance, providing that no single obligation shall exceed **Fifty Million and 00/100 U.S. Dollars (U.S.\$50,000,000.00)**, to the same extent as if such bonds had been duly executed and acknowledged by the regularly elected officers of the Company at its principal office in their own proper persons.

This Power of Attorney shall be construed and enforced in accordance with, and governed by, the laws of the State of Delaware, without giving effect to the principles of conflicts of laws thereof. This Power of Attorney is granted pursuant to the following resolutions which were duly and validly adopted at a meeting of the Board of Directors of the Company held on January 25, 2010:

RESOLVED, that, with respect to the Surety business written by Berkley Surety, the Chairman of the Board, Chief Executive Officer, President or any Vice President of the Company, in conjunction with the Secretary or any Assistant Secretary are hereby authorized to execute powers of attorney authorizing and qualifying the attorney-in-fact named therein to execute bonds, undertakings, recognizances, or other suretyship obligations on behalf of the Company, and to affix the corporate seal of the Company to powers of attorney executed pursuant hereto; and said officers may remove any such attorney-in-fact and revoke any power of attorney previously granted; and further

RESOLVED, that such power of attorney limits the acts of those named therein to the bonds, undertakings, recognizances, or other suretyship obligations specifically named therein, and they have no authority to bind the Company except in the manner and to the extent therein stated; and further

RESOLVED, that such power of attorney revokes all previous powers issued on behalf of the attorney-in-fact named; and further

RESOLVED, 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 obligation of the Company; and such signature and seal when so used shall have the same force and effect as though manually affixed. The Company may continue to use for the purposes herein stated the facsimile signature of any person or persons who shall have been such officer or officers of the Company, notwithstanding the fact that they may have ceased to be such at the time when such instruments shall be issued.

IN WITNESS WHEREOF, the Company has caused these presents to be signed and attested by its appropriate officers and its corporate seal hereunto affixed this 3rd day of DECEMBER, 2019.

Attest:

(Seal)

By

Ira S. Lederman
Executive Vice President & Secretary

Berkley Insurance Company

By

Jeffrey M. Hafter
Senior Vice President

WARNING: THIS POWER INVALID IF NOT PRINTED ON BLUE "BERKLEY" SECURITY PAPER.

STATE OF CONNECTICUT)

) ss:

COUNTY OF FAIRFIELD)

Sworn to before me, a Notary Public in the State of Connecticut, this 3rd day of DECEMBER, 2019, by Ira S. Lederman and Jeffrey M. Hafter who are sworn to me to be the Executive Vice President and Secretary, and the Senior Vice President, respectively, of Berkley Insurance Company.

MARIA C RUNDRAKEN
NOTARY PUBLIC
CONNECTICUT
MY COMMISSION EXPIRES
APRIL 30, 2024

Maria C. Rundraken
Notary Public, State of Connecticut

CERTIFICATE

I, the undersigned, Assistant Secretary of BERKLEY INSURANCE COMPANY, DO HEREBY CERTIFY that the foregoing is a true, correct and complete copy of the original Power of Attorney; that said Power of Attorney has not been revoked or rescinded and that the authority of the Attorney-in-Fact set forth therein, who executed the bond or undertaking to which this Power of Attorney is attached, is in full force and effect as of this date.

Given under my hand and seal of the Company, this 20th day of April, 2016.

(Seal)

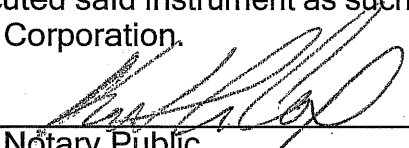
Vincent P. Forte
Vincent P. Forte

WARNING - Any unauthorized reproduction or alteration of this document is prohibited. This power of attorney is void unless seals are readable and the certification seal at the bottom is embossed. The background imprint, warning and verification instructions (on reverse) must be in blue ink.

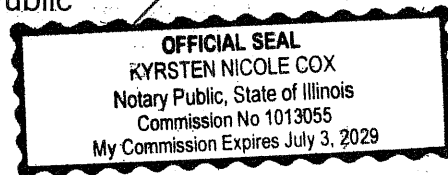
STATE OF: Illinois

COUNTY OF: Champaign

On this 26th day of February, 2026 personally appeared before me Kyrsten N. Cox, who being duly sworn did depose and say that Lucas Sherman is the attorney-in-fact of the **Berkley Insurance Company**, Wilmington, Delaware that the seal affixed to the attached instrument is the Corporate Seal of said Corporation, and that said instrument was signed and sealed on behalf of said Corporation by authority of its Board of Directors and the said Kyrsten N. Cox acknowledged that Lucas Sherman executed said instrument as such attorney-in-fact and as the free act and deed of said Corporation.



Notary Public





Local Public Agency	County	Street Name/Road Name	Section Number
Champaign County Highway Dept.	Champaign	FAS 532 (CH 6)	25-00156-00-BR

All contractors are required to complete the following certification

☒ For this contract proposal or for all bidding groups in this deliver and install proposal.

☐ For the following deliver and install bidding groups in this material proposal.

--

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

1. Except as provided in paragraph 4 below, the undersigned bidder certifies that it is a participant, either as an individual or as part of a group program, in an approved apprenticeship or training program applicable to each type of work or craft that the bidder will perform with its own employees.
2. The undersigned bidder further certifies, for work to be performed by subcontract, that each of its subcontractors either (A) is, at the time of such bid, participating in an approved, applicable apprenticeship or training program; or (B) will, prior to commencement of performance of work pursuant to this contract, establish participation in an approved apprenticeship or training program applicable to the work of the subcontract.
3. The undersigned bidder, by inclusion in the list in the space below, certifies the official name of each program sponsor holding the Certificate of Registration for all of the types of work or crafts in which the bidder is a participant and that will be performed with the bidder's employees. Types of work or craft that will be subcontracted shall be included and listed as subcontract work. The list shall also indicate any type of work or craft job category for which there is no applicable apprenticeship or training program available.

SEE ATTACHED

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

--

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

Bidder

Stark Excavating, Inc.

Title

Vice President

Signature & Date

Don Sh

Address

1805 W. Washington St.

City

Bloomington

State

IL

Zip Code

61701



CHAMPAIGN County

K. Apprenticeship & Training Certification

1. Operators:
Operating Engineers Local 841
2. Laborers:
International Laborers Local 703
3. Teamster:
Teamsters Local No. 26
4. Carpenters:
Carpenters Local Union No. 44
5. Steel Work:
International Ass'n of Bridge, Structural, Ornamental & Reinforcement
Ironworker, Local 380
6. Finishers:
Operative Plasterers & Cement Mason Local 143



Affidavit of Illinois Business Office

Local Public Agency	County	Street Name/Road Name	Section Number
Champaign County Highway Dept.	Champaign	FAS 532 (CH 6)	25-00156-00-BR

I, David K. Stark, Jr. of Bloomington, Illinois,
Name of Affiant City of Affiant State of Affiant

being first duly sworn upon oath, state as follows:

1. That I am the Vice President of Stark Excavating, Inc.
Officer or Position Bidder
2. That I have personal knowledge of the facts herein stated.
3. That, if selected under the proposal described above, Stark Excavating, Inc., will maintain a business office in the
Bidder
 State of Illinois, which will be located in McLean County, Illinois.
County
4. That this business office will serve as the primary place of employment for any persons employed in the construction contemplated by this proposal.
5. That this Affidavit is given as a requirement of state law as provided in Section 30-22(8) of the Illinois Procurement Code.

Signature & Date

David K. Stark, Jr.

Print Name of Affiant

David K. Stark, Jr.

Notary Public

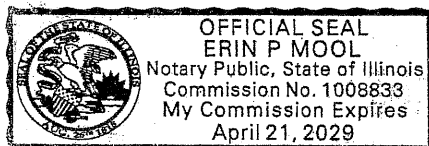
State of IL

County McLean

Signed (or subscribed or attested) before me on 02-26-2026 by
(date)

David K. Stark, Jr. Vice President, authorized agent(s) of
(name/s of person/s)

Stark Excavating, Inc.
Bidder



(SEAL)

Notary Public Signature & Date

Erin P. Mool

My commission expires 04-21-2029



**Illinois Department
of Transportation**

Certificate of Eligibility

Stark Excavating, Inc.

Contractor No 5672

1805 W. Washington Street Bloomington, IL 61701-3703

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	\$30,575,000
002	PCC PAVING	\$29,975,000
012	DRAINAGE	\$32,075,000
017	CONCRETE CONSTRUCTION	\$27,825,000
034	DEMOLITION	\$8,875,000
08A	AGGREGATE BASES & SURF. (A)	\$17,825,000
09B	HIGHWAY & RAILROAD STRUCT	\$34,550,000

THIS CERTIFICATE OF ELIGIBILITY IS VALID FROM 4/22/2025 TO 4/30/2026 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 4/22/2025.


Engineer of Construction



**Illinois Department
of Transportation**

Estimate of Time Required

Route FAS 532 (CH 6) (200E)
 Section 25-00156-00-BR
 County CHAMPAIGN
 Project CH 6 CULVERT EXTENSIONS

Item	Unit (Check One)	Quantity	Rate Per Day (BDE 66- 2.B)	Days	Days Not Affecting Time	Total Days Required
	☒ English ☐ Metric					
AGGREGATE WEDGE SHOULDERS, TYPE B	TON	116	116	1		1
REINFORCEMENT BARS, EPOXY COATED	POUND	7,980	1,100	7		7
CONCRETE BOX CULVERTS	CU YD	32	5	7		7
MOBILIZATION	L SUM	1	1	1		1
MEMBRANE WATERPROOFING SYSTEM FOR B	SQ YD	110	16	7		7
TRAFFIC CONTROL AND PROTECTION, (SPECI	L SUM	1	1	1		1
STRUCTURAL REPAIR OF CONCRETE (DEPTH	SQ FT	90	20	5		5
CONSTRUCTION LAYOUT	L SUM	1	1	1	1	0
CLEAN-UP	DAY	1	1	1		1
Total Days						30

Made by Jenni Marner, P.E. Date 1/30/2026 Checked by Jeff Blue, P.E. Date 2/2/2026

Regional Engineer

INDEX TO CONTRACT SPECIAL PROVISIONS

<u>Page</u>	<u>Item</u>
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1	Description of Work
1	Completion Date Plus Working Days
1	Commitments
2-3	Traffic Control Plan
3	Prequalification
3	Construction Layout
3	Aggregate Wedge Shoulders, Type B
4	Reinforcement Bars, Epoxy Coated
4	Concrete Box Culverts
5	Status of Utilities
6-10	Champaign County Prevailing Wages
11	Index for Supplemental Specifications and Recurring Special Provisions
12-13	Check Sheet for Recurring Special Provisions
14-49	BDE Special Provisions Checksheet Cement, Finely Divided Materials, Admixtures, Concrete, and Mortar Compensable Delay Costs Removal and Disposal of Regulated Substances Structural Repair of Concrete Vehicle and Equipment Warning Lights Work Zone Traffic Control Devices
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57-75	Highway Standards 000001-08 Standard Symbols, Abbreviations, and Patterns 001006 Decimal of an Inch and of a Foot 701001-02 Off-Rd Operations, 2L, 2W, More than 15' Away 701006-05 Off-Rd Operations, 2L, 2W, 15' to 24" from Pavement Edge 701011-04 Off-Rd Operations, 2L, 2W, Day Only 701201-05 Lane Closure, 2L, 2W, Day Only, For Speeds >= 45 mph 701206-05 Lane Closure, 2L, 2W, Night Only, For Speeds >= 45 mph 701336-07 Lane Closure, 2L, 2W, Work Areas in Series For Speeds >= 45 mph 710901-11 Traffic Control Devices



Local Public Agency	County	Section Number
Champaign County Highway Department	Champaign	25-00156-00-BR

The following Special Provision 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 Specification and Recurring Special Provisions indicated on the Check Sheet included here in which apply to and govern the construction of the above named section, and in case of conflict with any parts, or parts of said Specifications, the said Special Provisions shall take precedence and shall govern.

INTENT OF SECTION:

The intent of this section is to extend the existing concrete box culverts by 5' on both sides of the CH 6 roadway. There are 7 box culverts to extend with varying sizes of the boxes. The existing boxes shall have the top of the headwall removed and cleaned to be able to cast the proposed section into the existing section. Also, several of the existing box sections require some patching less than 5" in depth of the structural concrete. The proposed improvements also require some minor grading and possible movement of riprap near the ends of the box culvert extensions.

DESCRIPTION OF WORK:

The work under this contract consists of the following:

- 1) Remove existing headwall from the existing box culverts.
- 2) Patch the existing box culvert with structural concrete.
- 3) Extend box culverts 5' RT and 5' LT.
- 4) Perform general grading and cleanup activities.

COMPLETION DATE PLUS WORKING DAYS

It is the County's intent that the project be completed by June 6, 2026. All concrete extensions shall be poured as of the June 6, 2026 date. An additional 5 working days may be used after the completion date for the general clean-up work.

The provisions for the completion date plus working days shall be as set forth in Section 108 Prosecution and Progress of the Standard Specifications. All applicable provisions of Section 108 shall apply.

If the project is not complete, except for clean-up work and punch list items, by June 6, 2026, the Contractor shall be liable and shall pay to the County the amount per calendar day shown in the table in Article 108.09, and based on the full awarded value of the contract, not as penalty but as liquidated damages, for each day of overrun in the contract time or such extended time as may have been allowed.

(End D5 SP 108C)

COMMITMENTS:

There are no commitments for this project.

TRAFFIC CONTROL PLAN:

Eff. 09-11-1990 Rev. 01-01-2024

Traffic control shall be in accordance with the applicable sections of the Standard Specifications for Road and Bridge Construction, the applicable guidelines contained in the Illinois Manual of Uniform Traffic Control Devices for Streets and Highways, these Special Provisions, and any special details and highway standards contained herein and in the plans.

Special attention is called to Article 107.09 and 107.14 of the Standard Specifications, the following Highway Standards relating to Traffic Control and the listed Supplemental Specifications and Recurring Special Provisions.

Highway Standards:

701001 701006 701011 701201 701206 701336 701901

Plan Details: None.

Traffic: It is the intent of the County that CH 6 be kept open to traffic at all times during the construction of this section. One-way traffic will be permitted in the immediate work areas during construction hours when actively working personnel are on-site. At all other times, two-way traffic shall be maintained throughout the project.

During periods when material or equipment is being hauled to or from the project site all haul trucks shall have at least one (1) flashing amber light or one (1) set of dual emergency flashers, operating when within the lane closure.

Parking of personal vehicles within the right-of-way will be strictly prohibited. Off-site parking and transportation arrangements shall be the responsibility of the Contractor.

Work on One Side of Roadway: It is the intent of the County that the Contractor's operations, including any sub-contractor operations, will be only be on one side of the road at a time (i.e. RT or LT). If the operations are separated by two miles, where traffic control is able to be adequate for both operations, separate sides may be worked on under appropriate traffic control for each location.

Flaggers: At no time will personnel designated as flaggers be allowed to perform other construction duties in addition to flagging. If a highway standard requires flaggers for the associated operation, dedicated flagger personnel will be required. It is expected that the flaggers will utilize portable two-way radios or walkie-talkies as outlined in Article 701.13(a).

Special note is called to Article 701.04 regarding work zone signs and traffic control devices "shall meet the Department's quality standards."

The following traffic control standards shall be utilized during, but not limited to, the listed construction operations:

- 701001 - Extensions
- 701006 - Extensions
- 701011 - As Needed
- 701201 - Extensions
- 701206 - As Needed
- 701336 - Work areas in Series
- 701901 - Devices to be used for Traffic Control

This work shall be governed by Article 701 of the Standard Specifications except that this special provision removes 701.19 and 701.20 from the Contract. The method of measurement and basis of payment shall be as listed below.

Method of Measurement and Basis of Payment:

All planning, labor, equipment and materials required to comply with the proposed TRAFFIC CONTROL shall be paid for at the contract unit price per LUMP SUM for TRAFFIC CONTROL AND PROTECTION, SPECIAL and no additional compensation will be allowed.

End 101.doc

PREQUALIFICATION:

The Contractor shall be prequalified with the Illinois Department of Transportation in at least one of the following work categories at the time of the bid opening.

Structures (Highway, Railroad, and Waterway) - IDOT Prequalification #9

Structures Repair - IDOT Prequalification #10

Concrete Construction - IDOT Prequalification #17

CONSTRUCTION LAYOUT

This work shall consist of furnishing all labor, materials, and equipment necessary for layout of the project. All layout shall involve coordination between the Engineer and the Contractor in the field. If the Contractor chooses to make substantial changes to the lines and grades shown on the drawings, the Contractor must get prior written approval from the Engineer. Substantial changes to the lines and grades shown shall mean a change in concept from what is shown on the plans. Minor revisions to fit field conditions do not require prior written approval.

Benchmarks and layout points have not been provided as the proposed culvert extensions are relative to the existing culvert locations.

This work will be paid for at the contract LUMP SUM price for CONSTRUCTION LAYOUT, which price shall include all labor, materials, transportation and equipment to perform the layout work as described.

AGGREGATE WEDGE SHOULDERS, TYPE B

This work will be done in accordance with Article 481 of the Standard Specifications. Article 481.02 should be modified to include: Contractor shall use one type of material for the entire project.

This work shall be completed within 14 calendar days of the last pour of each box culvert extension being poured.

CH 6 will be undergoing a cold-in-place recycling project soon after the completion of the culvert extensions. The aggregate wedge shoulders, type B is intended as a finishing shoulder material to be placed from the edge of pavement to the edge of the existing shoulder and wider over the culvert extension so as not to leave a vertical edge drop-off in the interim between the two CH 6 projects.

REINFORCEMENT BARS, EPOXY COATED

This work will be governed by Article 508 of the Standard Specifications.

As a part of this specific project, additional work efforts are considered included in this item as follows with no additional compensation for these additions:

Any existing bars that are encountered during removals shall be incorporated into the final box culvert construction and shall be cleaned, straightened and incorporated into the new construction.

Any drilling and epoxy grouting of anchors in the existing box culvert is considered included.

CONCRETE BOX CULVERTS

This work will be governed by Article 540 of the Standard Specifications.

As a part of this specific project, additional work efforts are considered included in this item as follows with no additional compensation for these additions:

Existing headwalls and top of wingwalls shall be removed to be flush with the top of the new concrete extension using a full depth saw cut.

If existing drainage appurtenances are encountered within 10 feet of the box culvert extension work, the Contractor is expected to preserve and protect the drainage items. Erosion control devices shall be used to protect the drainage items that the Contractor encounters.

It is expected that a 4" thick aggregate base will be required as a stable working platform under the proposed concrete box culvert extension during the spring season. This aggregate will be considered included with the concrete box culverts.

After construction of the box culvert extension, limited grading and shaping of ditches is expected to allow for a ground smooth transition to the new box face. Expectations are that this should be roughly 10 feet north and 10 feet south of the outside face of the box and should blend nicely with the existing ditch line. Seeding of this disturbed area will be completed by the County.

Existing rip rap present at the site: Expectations are that the existing rip rap will be moved out of the work area during construction of the extensions, and then moved back in to place after the extension has been constructed. Any existing geotechnical fabric will not be salvaged, nor replaced. Any existing grout in the rip rap will not be salvaged, nor replaced.

Shoulder excavation in preparation for the waterproofing membrane placement: To minimize pavement undermining, any shoulder excavation necessary for the placement for the waterproofing membrane shall be done immediately before the waterproofing membrane placement. Once the waterproofing membrane has been installed, backfilling is required immediately to provide stability for the roadway and shoulder prior to opening the lane back up to traffic.

STATUS OF UTILITIES:

The Illinois Underground Utility Facilities Damage Prevention Act requires persons excavating to contact the one call system (JULIE 1-800-892-0123) before digging.

The following contact information was obtained through design stage JULIE requests along CH 6 in Colfax and Scott Townships.

EXTENSION	UTILITY	CONTACT
(0611, 0616)	Ameren Illinois Elec	Christopher Klapperich, 217-253-1439
(ALL)	Frontier Communications	Kalin Hinshaw, 815-895-1515
(ALL)	Windstream KDL / McLeod USA	Dan Walter, 800-289-1901

(End ZZZ1)

Champaign County Prevailing Wage Rates posted on 1/15/2026

		Overtime																	
		Rg	Type	C	Base	Foreman	M-F	Sa	Su	Hol	H/W	Pension	Vac	Trng	Other Ins	Add OT 1.5x owed	Add OT 2.0x owed		
Trade Title	ASBESTOS ABT-GEN	All	BLD		37.46	38.71	1.5	1.5	2.0	2.0	9.25	19.09	0.00	0.91	0.00	0.00	0.00		
	ASBESTOS ABT-MEC	All	BLD		29.20	31.20	1.5	1.5	2.0	2.0	10.95	9.50	0.00	0.50		0.00	0.00		
	BOILERMAKER	All	BLD		50.46	54.46	1.5	1.5	2.0	2.0	7.07	24.29	0.00	2.34	0.00	16.38	32.76		
	BRICK MASON	All	BLD		39.06	41.40	1.5	1.5	2.0	2.0	10.80	17.34	0.00	1.23		0.00	0.00		
	CARPENTER	All	BLD		41.29	44.04	1.5	1.5	2.0	2.0	9.95	20.15	0.00	0.81	0.00	15.05	30.10		
	CARPENTER	All	HWY		39.17	40.92	1.5	1.5	2.0	2.0	9.95	23.65	0.00	0.78	0.00	0.00	0.00		
	CEMENT MASON	All	BLD		40.59	43.34	1.5	1.5	1.5	2.0	11.00	12.50	0.00	0.60		0.00	0.00		
	CEMENT MASON	All	HWY		41.00	43.75	1.5	1.5	1.5	2.0	11.42	14.00	0.00	0.60	0.00	0.00	0.00		
	CERAMIC TILE FINISHER	All	BLD		36.34		1.5	1.5	2.0	2.0	10.80	12.97	0.00	0.62		0.00	0.00		
	ELECTRIC PWR EQMT OP	All	ALL		57.47	68.20	1.5	1.5	2.0	2.0	9.22	16.09	0.00	0.57		0.00	0.00		
	ELECTRIC PWR GRNDMAN	All	ALL		39.05	68.20	1.5	1.5	2.0	2.0	8.67	10.93	0.00	0.39	0.00	0.00	0.00		
	ELECTRIC PWR LINEMAN	All	ALL		63.97	68.20	1.5	1.5	2.0	2.0	9.42	17.91	0.00	0.64	0.00	0.00	0.00		
	ELECTRIC PWR TRK DRV	All	ALL		40.98	68.20	1.5	1.5	2.0	2.0	8.73	11.48	0.00	0.41	0.00	0.00	0.00		
	ELECTRICIAN	All	BLD		49.63	54.59	1.5	1.5	2.0	2.0	8.85	12.92	0.00	0.74	0.00	1.12	2.23		
	ELECTRONIC SYSTEM TECH	All	BLD		38.34	41.34	1.5	1.5	2.0	2.0	8.85	13.51	0.00	0.40		0.58	1.15		
	ELEVATOR CONSTRUCTOR	All	BLD		60.52	68.09	2.0	2.0	2.0	2.0	16.37	21.76	4.84	0.85		0.00	0.00		
FENCE ERECTOR	All	ALL		38.98	41.48	1.5	1.5	2.0	2.0	12.64	17.00	0.00	1.11	0.00	17.00	17.00			
GLAZIER	All	BLD		42.27	44.27	1.5	1.5	2.0	2.0	8.20	14.00	0.00	0.68	0.00	0.00	0.00			
HEAT/FROST INSULATOR	All	BLD		40.20	41.95	1.5	1.5	2.0	2.0	8.99	15.09	0.00	0.40	3.30	0.00	0.00			
IRON WORKER	All	BLD		38.98	41.48	1.5	1.5	2.0	2.0	12.64	17.00	0.00	1.11	0.00	17.00	17.00			
IRON WORKER	All	HWY		41.92	43.92	1.5	1.5	2.0	2.0	12.64	17.00	0.00	1.11	0.00	17.00	17.00			
LABORER	All	BLD		34.46	35.71	1.5	1.5	2.0	2.0	9.25	19.09	0.00	0.81	0.00	0.00	0.00			
LABORER	All	HWY		38.58	39.58	1.5	1.5	2.0	2.0	9.25	19.42	0.00	0.81	0.00	0.00	0.00			
LATHER	All	BLD		41.29	44.04	1.5	1.5	2.0	2.0	9.95	20.15	0.00	0.81	0.00	15.05	30.10			
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	BLD		36.34		1.5	1.5	2.0	2.0	10.80	12.97	0.00	0.62		0.00	0.00			
MARBLE MASON	All	BLD		38.00		1.5	1.5	2.0	2.0	10.80	12.97	0.00	0.62		0.00	0.00			

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MILLWRIGHT	All	BLD		39.10	41.85	1.5	1.5	2.0	2.0	9.95	22.85	0.00	0.81	0.00	16.40	32.80
MILLWRIGHT	All	HWY		42.00	43.75	1.5	1.5	2.0	2.0	9.95	24.12	0.00	0.78	0.00	0.00	0.00
OPERATING ENGINEER	All	ALL	1	47.30	48.30	1.5	1.5	2.0	2.0	12.15	14.50	0.00	1.50		0.00	0.00
OPERATING ENGINEER	All	ALL	2	32.20	48.30	1.5	1.5	2.0	2.0	12.15	14.50	0.00	1.50		0.00	0.00
OPERATING ENGINEER	All	ALL	3	49.30	50.30	1.5	1.5	2.0	2.0	12.15	14.50	0.00	1.50		0.00	0.00
PAINTER	All	ALL		40.96	42.46	1.5	1.5	2.0	2.0	9.85	8.63	0.00	0.60		0.00	0.00
PAINTER - SIGNS	All	ALL		40.96	42.46	1.5	1.5	2.0	2.0	9.85	8.63	0.00	0.60		0.00	0.00
PILEDRIIVER	All	BLD		43.29	46.04	1.5	1.5	2.0	2.0	9.95	20.15	0.00	0.81	0.00	15.05	30.10
PILEDRIIVER	All	HWY		40.17	41.92	1.5	1.5	2.0	2.0	9.95	23.65	0.00	0.78	0.00	0.00	0.00
PIPEFITTER	All	BLD		54.31	57.68	1.5	1.5	2.0	2.0	9.95	11.39	0.00	2.81	0.00	0.00	0.00
PLASTERER	All	BLD		39.05	41.05	1.5	1.5	1.5	2.0	10.10	15.20	0.00	0.50	0.00	0.00	0.00
PLUMBER	All	BLD		54.31	57.68	1.5	1.5	2.0	2.0	9.95	11.39	0.00	2.81	0.00	0.00	0.00
ROOFER	All	BLD		38.21	41.21	1.5	1.5	2.0	2.0	12.33	10.65	0.00	1.36		0.00	0.00
SHEETMETAL WORKER	All	BLD		46.23	49.23	1.5	1.5	2.0	2.0	12.55	16.22	0.00	0.80	2.15	0.00	0.00
SPRINKLER FITTER	All	BLD		50.51	53.76	1.5	1.5	2.0	2.0	12.40	17.31	0.00	0.54	0.00	0.00	0.00
STONE MASON	All	BLD		39.06	41.40	1.5	1.5	2.0	2.0	10.80	17.34	0.00	1.23		0.00	0.00
TERRAZZO FINISHER	All	BLD		36.34		1.5	1.5	2.0	2.0	10.80	12.97	0.00	0.62		0.00	0.00
TERRAZZO MASON	All	BLD		38.00		1.5	1.5	2.0	2.0	10.80	12.97	0.00	0.62		0.00	0.00
TILE MASON	All	BLD		38.00		1.5	1.5	2.0	2.0	10.80	12.97	0.00	0.62		0.00	0.00
TRUCK DRIVER	All	ALL	1	45.29	49.65	1.5	1.5	2.0	2.0	17.11	8.06	0.00	0.25	0.00	0.00	0.00
TRUCK DRIVER	All	ALL	2	45.88	49.65	1.5	1.5	2.0	2.0	17.11	8.06	0.00	0.25	0.00	0.00	0.00
TRUCK DRIVER	All	ALL	3	46.15	49.65	1.5	1.5	2.0	2.0	17.11	8.06	0.00	0.25	0.00	0.00	0.00
TRUCK DRIVER	All	ALL	4	46.54	49.65	1.5	1.5	2.0	2.0	17.11	8.06	0.00	0.25	0.00	0.00	0.00
TRUCK DRIVER	All	ALL	5	47.64	49.65	1.5	1.5	2.0	2.0	17.11	8.06	0.00	0.25	0.00	0.00	0.00
TRUCK DRIVER	All	O&C	1	36.23	39.72	1.5	1.5	2.0	2.0	17.11	8.06	0.00	0.25	0.00	0.00	0.00
TRUCK DRIVER	All	O&C	2	36.70	39.72	1.5	1.5	2.0	2.0	17.11	8.06	0.00	0.25	0.00	0.00	0.00
TRUCK DRIVER	All	O&C	3	36.92	39.72	1.5	1.5	2.0	2.0	17.11	8.06	0.00	0.25	0.00	0.00	0.00
TRUCK DRIVER	All	O&C	4	37.23	39.72	1.5	1.5	2.0	2.0	17.11	8.06	0.00	0.25	0.00	0.00	0.00
TRUCK DRIVER	All	O&C	5	38.11	39.72	1.5	1.5	2.0	2.0	17.11	8.06	0.00	0.25	0.00	0.00	0.00
TUCKPOINTER	All	BLD		39.06	41.40	1.5	1.5	2.0	2.0	10.80	17.34	0.00	1.23		0.00	0.00

Champaign County Prevailing Wage Rates posted on 1/15/2026

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 CHAMPAIGN 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.

Oil and chip resealing (O&C) means the application of road oils and liquid asphalt to coat an existing road surface, followed by application of aggregate chips or gravel to coated surface, and subsequent rolling of material to seal the surface.

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, MARBLE FINISHER, TERRAZZO FINISHER

Assisting, helping or supporting the tile, marble and terrazzo mechanic by performing their historic and traditional work assignments required to complete the proper installation of the work covered by said crafts. The term "Ceramic" is used for

Champaign County Prevailing Wage Rates posted on 1/15/2026

naming the classification only and is in no way a limitation of the product handled. Ceramic takes into consideration most hard tiles.

ELECTRONIC SYSTEMS TECHNICIAN

Installation, service and maintenance of low-voltage systems which utilizes the transmission and/or transference of voice, sound, vision, or digital for commercial, education, security and entertainment purposes for the following: TV monitoring and surveillance, background/foreground music, intercom and telephone interconnect, field programming, inventory control systems, microwave transmission, multi-media, multiplex, radio page, school, intercom and sound burglar alarms and low voltage master clock systems.

Excluded from this classification are energy management systems, life safety systems, supervisory controls and data acquisition systems not intrinsic with the above listed systems, fire alarm systems, nurse call systems and raceways exceeding fifteen feet in length.

TRUCK DRIVER - BUILDING, HEAVY AND HIGHWAY CONSTRUCTION Class 1. Drivers on 2 axle trucks hauling less than 9 ton. Air compressor and welding machines and brooms, including those pulled by separate units, truck driver helpers, warehouse employees, mechanic helpers, greasers and tiremen, pickup trucks when hauling materials, tools, or workers to and from and on-the-job site, and fork lifts up to 6,000 lb. capacity.

Class 2. Two or three axle trucks hauling more than 9 ton but hauling less than 16 ton. A-frame winch trucks, hydrolift trucks, vactor trucks or similar equipment when used for transportation purposes. Fork lifts over 6,000 lb. capacity, winch trucks, four axle combination units, and ticket writers.

Class 3. Two, three or four axle trucks hauling 16 ton or more. Drivers on water pulls, articulated dump trucks, mechanics and working forepersons, and dispatchers. Five axle or more combination units.

Class 4. Low Boy and Oil Distributors.

Class 5. Drivers who require special protective clothing while employed on hazardous waste work.

TRUCK DRIVER - OIL AND CHIP RESEALING ONLY.

This shall encompass laborers, workers and mechanics who drive contractor or subcontractor owned, leased, or hired pickup, dump, service, or oil distributor trucks. The work includes transporting materials and equipment (including but not limited to, oils, aggregate supplies, parts, machinery and tools) to or from the job site; distributing oil or liquid asphalt and aggregate; stock piling material when in connection with the actual oil and chip contract. The Truck Driver (Oil & Chip Resealing) wage classification does not include supplier delivered materials.

OPERATING ENGINEERS - BUILDING, HEAVY AND HIGHWAY CONSTRUCTION Class 1. Draglines, Derricks, Shovels, Gradalls, Mechanics, Tractor Highlift, Tournadozer, Concrete Mixers with Skip, Tournamixer, Two Drum Machine, One Drum Hoist with Tower or Boom, Cableways, Tower Machines, Motor Patrol, Boom or Winch Truck, Winch or Hydraulic Boom Truck, Tournapull, Tractor Operating Scoops, Bulldozer, Push Tractor, Asphalt Planer, Finishing Machine on Asphalt, Large Rollers on

Champaign County Prevailing Wage Rates posted on 1/15/2026

Earth, Rollers on Asphalt Mix, Ross Carrier or similar Machine, Gravel Processing Machine, Asphalt Plant Engineer, Paver Operator, Dredging Equipment, or Dredge Engineer, or Dredge Operator, Central Mix Plant Engineer, CMI or similar type machine, Concrete Pump, Truck or Skid Mounted, Engineer or Rock Crusher Plant, Concrete Plant Engineer, Ditching Machine with dual attachment, Tractor Mounted Loaders, Hydro Crane, Standard or Dinkey Locomotives, Scoopmobiles, Euclid Loader, Soil Cement Machine, Back Filler, Elevating Machine, Power Blade, Drilling Machine, including Well Testing, Caissons, Shaft or any similar type drilling machines, Motor Driven Paint Machine, Pipe Cleaning Machine, Pipe Wrapping Machine, Pipe Bending Machine, Apsco Paver, Boring Machine, (Head Equipment Greaser), Barber-Greene Loaders, Formless Paver, (Well Point System), Concrete Spreader, Hydra Ax, Span Saw, Marine Scoops, Brush Mulcher, Brush Burner, Mesh Placer, Tree Mover, Helicopter Crew (3), Piledriver-Skid or Crawler, Stump Remover, Root Rake, Tug Boat Operator, Refrigerating Machine, Freezing Operator, Chair Cart- Self-Propelled, Hydra Seeder, Straw Blower, Power Sub Grader, Bull Float, Finishing Machine, Self-Propelled Pavement Breaker, Lull (or similar type Machine), Two Air Compressors, Compressors hooked in Manifold, Chip Spreader, Mud Cat, Sull-Air, Fork Lifts (except when used for landscaping work), Soil Stabilizer (Seaman Tiller, Bo Mag, Rago Gator, and similar types of equipment), Tube Float, Spray Machine, Curing Machine, Concrete or Asphalt Milling Machine, Snooper Truck-Operator, Backhoe, Farm Tractors (with attachments), 4 Point Lift System (Power Lift or similar type), Skid-Steer (Bob Cat or similar type), Wrecking Shears, Water Blaster.

Class 2. Concrete Mixers without Skips, Rock Crusher, Ditching Machine under 6', Curbing Machine, One Drum Machines without Tower or Boom, Air Tugger, Self-Propelled Concrete Saw, Machine Mounted Post Hole Digger, two to four Generators, Water Pumps or Welding Machines, within 400 feet, Air Compressor 600 cu. ft. and under, Rollers on Aggregate and Seal Coat Surfaces, Fork Lift (when used for landscaping work), Concrete and Blacktop Curb Machine, One Water Pump, Oilers, Air Valves or Steam Valves, One Welding Machine, Truck Jack, Mud Jack, Gunnite Machine, House Elevators when used for hoisting material, Engine Tenders, Fireman, Wagon Drill, Flex Plane, Conveyor, Siphons and Pulsometer, Switchman, Fireman on Paint Pots, Fireman on Asphalt Plants, Distributor Operator on Trucks, Tampers, Self-Propelled Power Broom, Striping Machine (motor driven), Form Tamper, Bulk Cement Plant, Equipment Greaser, Deck Hands, Truck Crane Oiler-Driver, Cement Blimps, Form Grader, Temporary Heat, Throttle Valve, Super Sucker (and similar type of equipment).

Class 3. Power Cranes, Truck or Crawler Crane, Rough Terrain Crane (Cherry Picker), Tower Crane, Overhead Crane.

Other Classifications of Work:

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

LANDSCAPING

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

INDEX
FOR
SUPPLEMENTAL SPECIFICATIONS
AND RECURRING SPECIAL PROVISIONS

Adopted January 1, 2026

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

ERRATA Standard Specifications for Road and Bridge Construction
(Adopted 1-1-22) (Revised 1-1-26)

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Check Sheet for Recurring Special Provisions

Local Public Agency

County

Section Number

Champaign County Highway Department

Champaign

25-00156-00-BR

☐ Check this box for lettings prior to 01/01/2026

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

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Champaign County Highway Department

Champaign

25-00156-00-BR

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

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BDE SPECIAL PROVISIONS
For the January 16 and February 27, 2026 Lettings

The following special provisions indicated by a “check mark” are applicable to this contract and will be included by the Project Coordination and Implementation Section of the Bureau of Design & Environment (BDE).

File Name	#		Special Provision Title	Effective	Revised
	80099	1	☐ Accessible Pedestrian Signals (APS)	April 1, 2003	Jan. 1, 2022
	80274	2	☐ Aggregate Subgrade Improvement	April 1, 2012	April 1, 2022
	80192	3	☐ Automated Flagger Assistance Devices	Jan. 1, 2008	April 1, 2023
	80173	4	☐ Bituminous Materials Cost Adjustments	Nov. 2, 2006	Aug. 1, 2017
	80426	5	☐ Bituminous Surface Treatment with Fog Seal	Jan. 1, 2020	Jan. 1, 2022
	80475	6	☐ Bridge Deck Concrete Overlays	Jan. 1, 2026	
*	80241	7	☐ Bridge Demolition Debris	July 1, 2009	
*	50531	8	☐ Building Removal	Sept. 1, 1990	Aug. 1, 2022
*	50261	9	☐ Building Removal with Asbestos Abatement	Sept. 1, 1990	Aug. 1, 2022
	80460	10	☒ Cement, Finely Divided Minerals, Admixtures, Concrete, and Mortar	Jan. 1, 2025	Jan. 1, 2026
	80384	11	☒ Compensable Delay Costs	June 2, 2017	April 1, 2019
*	80198	12	☐ Completion Date (via calendar days)	April 1, 2008	
*	80199	13	☐ Completion Date (via calendar days) Plus Working Days	April 1, 2008	
	80461	14	☐ Concrete Barrier	Jan. 1, 2025	
	80453	15	☐ Concrete Sealer	Nov. 1, 2023	
	80261	16	☐ Construction Air Quality – Diesel Retrofit	June 1, 2010	Jan. 1, 2025
	80476	17	☐ Deck Slab Repair	Jan. 1, 2026	
*	80029	18	☐ Disadvantaged Business Enterprise Participation	Sept. 1, 2000	Jan. 2, 2025
	80467	19	☐ Erosion Control Blanket	Aug. 1, 2025	
	80229	20	☐ Fuel Cost Adjustment	April 1, 2009	Aug. 1, 2017
	80452	21	☐ Full Lane Sealant Waterproofing System	Nov. 1, 2023	
	80433	22	☐ Green Preformed Thermoplastic Pavement Markings	Jan. 1, 2021	Jan. 1, 2022
	80471	23	☐ Guardrail	Nov. 1, 2025	
	80472	24	☐ High Friction Surface Treatment	Nov. 1, 2025	
	80456	25	☐ Hot-Mix Asphalt	Jan. 1, 2024	Jan. 1, 2026
	80446	26	☐ Hot-Mix Asphalt - Longitudinal Joint Sealant	Nov. 1, 2022	Aug. 1, 2023
	80438	27	☐ Illinois Works Apprenticeship Initiative – State Funded Contracts	June 2, 2021	April 2, 2024
	80477	28	☐ Longitudinal Tining	Jan. 1, 2026	
	80450	29	☐ Mechanically Stabilized Earth Retaining Walls	Aug. 1, 2023	Aug. 1, 2025
	80478	30	☐ Modified Longitudinal Construction Joint	Jan. 1, 2026	
	80464	31	☐ Pavement Marking	April 1, 2025	Nov. 1, 2025
	80468	32	☐ Pavement Patching	Aug. 1, 2025	
	80441	33	☐ Performance Graded Asphalt Binder	Jan. 1, 2023	
	80459	34	☐ Preformed Plastic Pavement Marking	June 2, 2024	
*	34261	35	☐ Railroad Protective Liability Insurance	Dec. 1, 1986	Jan. 1, 2022
	80473	36	☐ Raised Reflective Pavement Markers	Nov. 1, 2025	
	80455	37	☒ Removal and Disposal of Regulated Substances	Jan. 1, 2024	April 1, 2024
	80474	38	☐ Residential Driveway Temporary Signal	Nov. 1, 2025	
	80445	39	☐ Seeding	Nov. 1, 2022	
	80457	40	☐ Short Term and Temporary Pavement Markings	April 1, 2024	April 2, 2024
	80462	41	☐ Sign Panels and Appurtenances	Jan. 1, 2025	Jan. 1, 2026
	80479	42	☐ Sinusoidal Rumble Strips	Jan. 1, 2026	
	80469	43	☐ Slope Wall	Aug. 1, 2025	
	80448	44	☐ Source of Supply and Quality Requirements	Jan. 2, 2023	Jan. 1, 2026
	80340	45	☐ Speed Display Trailer	April 2, 2014	Jan. 1, 2022
	80127	46	☐ Steel Cost Adjustment	April 2, 2004	Nov. 1, 2025
	80480	47	☒ Structural Repair of Concrete	Jan. 1, 2026	
	80397	48	☐ Subcontractor and DBE Payment Reporting	April 2, 2018	
	80391	49	☐ Subcontractor Mobilization Payments	Nov. 2, 2017	April 1, 2019
	80463	50	☐ Submission of Bidders List Information	Jan. 2, 2025	Mar. 2, 2025
	80437	51	☐ Submission of Payroll Records	April 1, 2021	Nov. 2, 2023

	80435	52	☐	Surface Testing of Pavements – IRI	Jan. 1, 2021	Jan. 1, 2023
	80465	53	☐	Surveying Services	April 1, 2025	
	80481	54	☐	Temporary Concrete Barrier	Jan. 1, 2026	
	80466	55	☐	Temporary Rumble Strips	April 1, 2025	
	80470	56	☐	Traffic Signal Backplate	Aug. 1, 2025	
*	20338	57	☐	Training Special Provisions	Oct. 15, 1975	Sept. 2, 2021
	80429	58	☐	Ultra-Thin Bonded Wearing Course	April 1, 2020	Jan. 1, 2022
	80439	59	☒	Vehicle and Equipment Warning Lights	Nov. 1, 2021	Nov. 1, 2022
	80458	60	☐	Waterproofing Membrane System	Aug. 1, 2024	
	80302	61	☐	Weekly DBE Trucking Reports	June 2, 2012	Jan. 2, 2025
	80454	62	☐	Wood Sign Support	Nov. 1, 2023	
	80427	63	☒	Work Zone Traffic Control Devices	Mar. 2, 2020	Jan. 1, 2026
*	80071	64	☐	Working Days	Jan. 1, 2002	

Highlighted items indicate a new or revised special provision for the letting.

An * indicates the special provision requires additional information from the designer, which needs to be submitted separately. The Project Coordination and Implementation Section will then include the information in the applicable special provision.

The following special provisions are in the 2026 Supplemental Specifications and Recurring Special Provisions.

<u>File Name</u>	<u>Special Provision Title</u>	<u>New Location(s)</u>	<u>Effective</u>	<u>Revised</u>
80447	Grading and Shaping Ditches	Articles 214.03 & 214.04	Jan. 1, 2023	

CEMENT, FINELY DIVIDED MINERALS, ADMIXTURES, CONCRETE, AND MORTAR (BDE)

Effective: January 1, 2025

Revised: January 1, 2026

Revise the first paragraph of Article 285.05 of the Standard Specifications to read:

“285.05 Fabric Formed Concrete Revetment Mat. The grout shall consist of a mixture of cement, fine aggregate, and water so proportioned and mixed as to provide a pumpable slurry. Fly ash or ground granulated blast furnace (GGBF) slag, and concrete admixtures may be used at the option of the Contractor. The grout shall have an air content of not less than 6.0 percent nor more than 9.0 percent of the volume of the grout. The mix shall obtain a compressive strength of 2500 psi (17,000 kPa) at 28 days according to Article 1020.09.”

Revise Article 302.02 of the Standard Specifications to read:

“302.02 Materials. Materials shall be according to the following.

Item	Article/Section
(a) Cement	1001
(b) Water	1002
(c) Hydrated Lime	1012.01
(d) By-Product, Hydrated Lime	1012.02
(e) By-Product, Non-Hydrated Lime	1012.03
(f) Lime Slurry	1012.04
(g) Fly Ash	1010
(h) Soil for Soil Modification (Note 1)	1009.01
(i) Bituminous Materials (Note 2)	1032

Note 1. This soil requirement only applies when modifying with lime (slurry or dry).

Note 2. The bituminous materials used for curing shall be emulsified asphalt RS-2, CRS-2, HFE 90, or HFE 150; rapid curing liquid asphalt RC-70; or medium curing liquid asphalt MC-70 or MC-250.”

Revise Article 312.07(c) of the Standard Specifications to read:

“(c) Cement 1001”

Add Article 312.07(i) of the Standard Specifications to read:

“(i) Ground Granulated Blast Furnace (GGBF) Slag 1010”

Revise the first paragraph of Article 312.09 of the Standard Specifications to read:

“312.09 Proportioning and Mix Design. At least 60 days prior to start of placing CAM II, the Contractor shall submit samples of materials to be used in the work for proportioning and testing. The mixture shall contain a minimum of 200 lb (120 kg) of cement per cubic yard (cubic meter). Cement may be replaced with fly ash or ground granulated blast furnace (GGBF) slag according to Article 1020.05(c)(1) or 1020.05(c)(2), respectively, however the minimum cement content in the mixture shall be 170 lbs/cu yd (101 kg/cu m). Blends of coarse and fine aggregates will be permitted, provided the volume of fine aggregate does not exceed the volume of coarse aggregate. The Engineer will determine the proportions of materials for the mixture according to the “Portland Cement Concrete Level III Technician Course” manual. However, the Contractor may substitute their own mix design. Article 1020.05(a) shall apply, and a Level III PCC Technician shall develop the mix design.”

Revise Article 352.02 of the Standard Specifications to read:

“352.02 Materials. Materials shall be according to the following.

Item	Article/Section
(a) Cement (Note 1)	1001
(b) Soil for Soil-Cement Base Course	1009.03
(c) Water	1002
(d) Bituminous Materials (Note 2)	1032

Note 1. Bulk cement may be used for the traveling mixing plant method if the equipment for handling, weighing, and spreading the cement is approved by the Engineer.

Note 2. The bituminous materials used for curing shall be emulsified asphalt RS-2, CRS-2, HFE 90, or HFE 150; rapid curing liquid asphalt RC-70; or medium curing liquid asphalt MC-70 or MC-250.”

Revise Article 404.02 of the Standard Specifications to read:

“404.02 Materials. Materials shall be according to the following.

Item	Article/Section
(a) Cement	1001
(b) Water	1002
(c) Fine Aggregate	1003.08
(d) Bituminous Material (Tack Coat)	1032.06
(e) Emulsified Asphalts (Note 1) (Note 2)	1032.06
(f) Fiber Modified Joint Sealer	1050.05
(g) Additives (Note 3)	

Note 1. When used for slurry seal, the emulsified asphalt shall be CQS-1h according to Article 1032.06(b).

Note 2. When used for micro-surfacing, the emulsified asphalt shall be CQS-1hP according to Article 1032.06(e).

Note 3. Additives may be added to the emulsion mix or any of the component materials to provide the control of the quick-traffic properties. They shall be included as part of the mix design and be compatible with the other components of the mix.

Revise the last sentence of the fourth paragraph of Article 404.08 of the Standard Specifications to read:

“When approved by the Engineer, the sealant may be dusted with fine sand, cement, or mineral filler to prevent tracking.”

Revise Note 2 of Article 516.02 of the Standard Specifications to read:

“Note 2. The sand-cement grout mix shall be according to Section 1020 and shall be a 1:1 blend of sand and cement comprised of a Type I, IL, or II cement at 185 lb/cu yd (110 kg/cu m). The maximum water cement ratio shall be sufficient to provide a flowable mixture with a typical slump of 10 in. (250 mm).”

Revise Note 2 of Article 543.02 of the Standard Specifications to read:

“Note 2. The grout mixture shall be 6.50 hundredweight/cu yd (385 kg/cu m) of cement plus fine aggregate and water. Fly ash or ground granulated blast furnace (GGBF) slag may replace a maximum of 5.25 hundredweight/cu yd (310 kg/cu m) of the cement. The water/cement ratio, according to Article 1020.06, shall not exceed 0.60. An air-entraining admixture shall be used to produce an air content, according to Article 1020.08, of not less than 6.0 percent nor more than 9.0 percent of the volume of the grout. The Contractor shall have the option to use a water-reducing or high range water-reducing admixture.”

Revise Article 583.01 of the Standard Specifications to read:

“**583.01 Description.** This work shall consist of placing cement mortar along precast, prestressed concrete bridge deck beams as required for fairing out any unevenness between adjacent deck beams prior to placing of waterproofing membrane and surfacing.”

Revise Article 583.02(a) of the Standard Specifications to read:

“(a) Cement 1001”

Revise the first paragraph of Article 583.03 of the Standard Specifications to read:

“**583.03 General.** This work shall only be performed when the air temperature is 45 °F (7 °C) and rising. The mixture for cement mortar shall consist of three parts sand to one part cement by volume. The amount of water shall be no more than that necessary to produce a workable, plastic mortar.”

Revise Article 606.02(h) of the Standard Specifications to read:

“(h) Fibers (Note 1)1014”

Revise Note 1 in Article 606.02(h) of the Standard Specifications to read:

“Note 1. Fibers, when required, shall only be used in the concrete mixture for slipform applications.”

Revise the third paragraph in Article 606.10 of the Standard Specifications to read:

“Welded wire fabric shall be 6 x 6 in. (150 x 150 mm) mesh, #4 gauge (5.74 mm), 58 lb (26 kg) per 100 sq ft (9 sq m).”

Revise Article 1001.01(d) of the Standard Specifications to read:

“(d) Rapid Hardening Cement. Rapid hardening cement shall be according to the Bureau of Materials Policy Memorandum “Portland or Blended Cement Acceptance Procedure for Qualified and Non-Qualified Plants”, and ASTM C 1600, Type URH, Type VRH, or Type RH-CAC. It shall be used according to Article 1020.04 or when approved by the Engineer. The Contractor shall submit a report from the manufacturer or an independent lab that contains results for testing according to ASTM C 1600 which shows the cement meets the requirements of either Type URH, Type VRH, or Type RH-CAC. Test data shall be less than 1 year old from the date of submittal.

Revise Article 1001.01(e) of the Standard Specifications to read:

“(e) Other Cements. Other cements shall be according to the Bureau of Materials Policy Memorandum “Portland or Blended Cement Acceptance Procedure for Qualified and Non-Qualified Plants”, and ASTM C 1157 or ASTM C 1600, as applicable. Other cements shall be used according to Article 1020.04 or when approved by the Engineer. For cements according to ASTM C 1157, the Contractor shall submit a report from the manufacturer or an independent lab that contains results of tests which shows the cement meets the requirements Type GU, HE, MS, MH, or LH. For cements according to ASTM C 1600, the Contractor shall submit a report from the manufacturer or an independent lab that contains results of tests which shows the cement meets the requirements Type MRH or GRH. Test data shall be less than 1 year old from the date of submittal.”

Revise Article 1002.02 of the Standard Specifications to read:

“**1002.02 Quality.** Water used with cement in concrete or mortar and water used for curing concrete shall be clean, clear, and free from sugar. In addition, water shall be tested and evaluated for acceptance according to one of the following options.

OPTION 1.

(a) Acceptable limits for acidity and alkalinity when tested according to ITP T 26.

(1) Acidity -- 0.1 Normal NaOH 2 ml max.*

(2) Alkalinity -- 0.1 Normal HCl..... 10 ml max.*

*To neutralize 200 ml sample.

(b) Acceptable limits for solids when tested according to the following.

(1) Organic (ITP T 26)..... 0.02% max.

(2) Inorganic (ITP T 26)..... 0.30% max.

(3) Sulfate (SO₄) (ASTM D 516-82) 0.05% max.

(4) Chloride (ASTM D 512) 0.06% max.

(c) The following tests shall be performed on the water sample and on deionized water. The same cement and sand shall be used for both tests.

(1) Unsoundness (ASTM C 151).

(2) Initial and Final Set Time (ASTM C 266).

(3) Strength (ASTM C 109).

The test results for the water sample shall not deviate from the test results for the deionized water, except as allowed by the precision in the test method.

OPTION 2. Water shall meet the requirements ASTM C 1602 Tables 1 and 2 as outlined in Sections 5.1, 5.2, and 5.4.”

Revise Note 2/ in Article 1003.01(b) of the Standard Specifications to read:

“2/ Applies only to sand. Sand exceeding the colorimetric test standard of 11 (Illinois Modified AASHTO T 21) will be checked for mortar making properties according to Illinois Modified ASTM C 87 and shall develop a compressive strength at the age of 14 days when using Type I, IL, or II cement of not less than 95 percent of the comparable standard.

Revise the second sentence of Article 1003.02(e)(1) of the Standard Specifications to read:

“The test will be performed with Type I, IL, or II portland cement having a total equivalent alkali content (Na₂O + 0.658K₂O) of 0.90 percent or greater.”

Revise the first sentence of the second paragraph of Article 1003.02(e)(3) of the Standard Specifications to read:

“The ASTM C 1293 test shall be performed with Type I, IL, or II portland cement having a total equivalent alkali content (Na₂O + 0.658K₂O) of 0.80 percent or greater.”

Revise the second sentence of Article 1004.02(g)(1) of the Standard Specifications to read:

“The test will be performed with Type I, IL, or II portland cement having a total equivalent alkali content ($\text{Na}_2\text{O} + 0.658\text{K}_2\text{O}$) of 0.90 percent or greater.”

Add the following Section to the Standard Specifications.

“SECTION 1014. FIBERS FOR CONCRETE

1014.01 General. Fibers used in concrete shall be Type II or Type III (polyolefin or carbon) according to ASTM C 1116. The testing required for Type II fibers or Type III polyolefin fibers shall be performed by an independent lab a minimum of once every five years, and the test results provided to the Department. Manufacturers of Type III carbon fibers shall provide materials certification documentation not more than 6 years old a minimum of once every 5 years to the Department. The Department will maintain a qualified product list. The method of inclusion of fibers into concrete mixtures shall be according to the manufacturer’s specifications.

At the discretion of the Engineer, the concrete mixture shall be evaluated in a field demonstration for fiber clumping, ease of placement, and ease of finishing. The field demonstration shall consist of a minimum 2 cu yd (1.5 cu m) trial batch placed in a 12 ft x 12 ft (3.6 m x 3.6 m) slab.

1014.02 Concrete Gutter, Curb, Median and Paved Ditch. Fibers shall be Type III. Fibers shall have a minimum length of 1/2 in. (13 mm) and a maximum length of 0.75 in. (19 mm). The maximum dosage rate in the concrete mixture shall not exceed 1.5 lb/cu yd (0.9 kg/cu m). The minimum dosage rate shall be per the manufacturer’s recommendation.

1014.03 Concrete Inlay or Overlay. Fibers shall be Type III. Fibers shall have a minimum length of 1.0 in. (25 mm), a maximum length of 2 1/2 in. (63 mm), and a maximum aspect ratio (length divided by the equivalent diameter of the fiber) of 150. The maximum dosage rate shall not exceed 5.0 lb/cu yd (3.0 kg/cu m). The minimum dosage rate shall be per the manufacturer’s recommendation.

1014.04 Bridge Deck Fly Ash, Ground Granulated Blast Furnace (GGBF) Slag, High Reactivity Metakaolin, or Microsilica (Silica Fume) Concrete Overlay. Fibers shall be Type III. The dosage rate shall be a minimum of 3.0 lb/cu yd (1.8 kg/cu m), unless a field demonstration according to Article 1014.01 indicates that a lower dosage rate is necessary. Based on the results of the field demonstration, the Department has the option to reduce the dosage rate of fibers, but the dosage will not be reduced to less than 2.0 lb / cu yd (1.2 kg/cu m).

1014.05 Bridge Deck Latex Concrete Overlay. Fibers shall be Type II or III. Fibers shall have a minimum length of 0.75 in. (19 mm), a maximum length of 1.75 in. (45 mm), and an aspect ratio (length divided by the equivalent diameter of the fiber) of between 70 and 100. The dosage rate shall be a minimum of 3.0 lb/cu yd (1.8 kg/cu m), unless a field demonstration according to Article 1014.01 indicates that a lower dosage rate is necessary. Based on the results of the field

demonstration, the Department has the option to reduce the dosage rate of fibers, but the dosage will not be reduced to less than 2.0 lb/cu yd (1.2 kg/cu m)."

Add the following Section to the Standard Specifications:

"SECTION 1015. HIGH PERFORMANCE SHOTCRETE

1015.01 Packaged Shotcrete With Aggregate. The packaged shotcrete with aggregate shall be a pre-blended dry combination of materials for the wet-mix shotcrete method according to ASTM C 1480, Type FA or CA, Grade FR, Class I. The fibers shall be Type III according to Article 1014.01. The cement and finely divided minerals in the mixture shall be a minimum 6.65 cwt/cu yd (395 kg/cu m), and the portland cement shall not be below 4.70 cwt/cu yd (279 kg/cu m). Microsilica is required in the mixture and shall be a minimum of 5 percent by weight (mass) of cementitious material, and a maximum of 10 percent. Strength requirements shall be according to ASTM C 1480 except that the strength at 28 days shall be at least 4000 psi (27,500 kPa). Strength testing shall be according to ASTM C 1140. The air content as shot shall be 4.0 – 8.0 percent when tested according to AASHTO T 152, and the coarse aggregate shall be a maximum size of 1/2 in. (12.5 mm).

The packaged shotcrete shall have a water soluble chloride ion content of less than 0.15% by weight of cementitious material when tested according to ASTM C 1218 or AASHTO T 260.

The testing according to ASTM C 1480, ASTM C 1140, AASHTO 152, and ASTM C 1218 or AASHTO T 260 shall be performed by an independent lab a minimum of once every 5 years, and the test results shall be provided to the Department. The Department will maintain a qualified product list. Batching and mixing shall be per the manufacturer's recommendations.

1015.02 Packaged Shotcrete Without Aggregate. The packaged shotcrete that does not include pre-blended aggregate shall be according to Article 1015.01, except the added aggregate shall be according to Articles 1003.02 and 1004.02. The aggregate gradation shall be according to the manufacturer. The Department will maintain a qualified product list. Batching and mixing shall be per the manufacturer's recommendations."

Revise Section 1017 of the Standard Specifications to read:

"SECTION 1017. PACKAGED, DRY, COMBINED MATERIALS FOR MORTAR AND CONCRETE

1017.01 Mortar. The mortar shall be high-strength according to ASTM C 387 and shall have a minimum 80.0 percent relative dynamic modulus of elasticity when tested according to AASHTO T 161. For prestressed concrete applications, the mortar shall have a water-soluble chloride ion content of less than 0.06 percent by weight of cementitious material when tested according to ASTM C 1218 or AASHTO T 260; and for non-prestressed concrete applications, the water soluble chloride content shall be less than 0.15 percent by weight of cementitious material. The testing according to ASTM C 387, AASHTO T 161, and either ASTM C 1218 or AASHTO T 260 shall be performed by an independent lab a minimum of once every five years, and the test results

shall be provided to the Department. The Department will maintain a qualified product list. Mixing of the high-strength mortar shall be according to the manufacturer's specifications.

1017.02 Concrete. The materials, testing, and preparation of aggregate for the "high slump" packaged concrete mixture shall be according to ASTM C 387. The mixture shall be air entrained, the slump shall be 5-10 in. (125-250 mm), and the coarse aggregate shall be a maximum size of 1/2 in. (12.5 mm). Strength requirements shall be according to ASTM C 387 except that the strength at 28 days shall be at least 4000 psi (27,500 kPa). The "high slump" packaged concrete mixture shall have a water soluble chloride ion content of less than 0.15% by weight of cementitious material when tested according to ASTM C 1218 or AASHTO T 260. The testing according to ASTM C 387, and either ASTM C 1218 or AASHTO T 260 shall be performed by an independent lab a minimum of once every 5 years, and the test results shall be provided to the Department. The Department will maintain a qualified product list. Mixing shall be per the manufacturer's recommendations.

1017.02 Self-Consolidating Concrete. The materials, testing, and preparation of aggregate for the "self-consolidating concrete" packaged concrete mixture shall be according to ASTM C 387. The mixture shall be air entrained, it should be uniformly graded, and the coarse aggregate shall be a maximum size of 1/2 in. (12.5 mm). Strength requirements shall be according to ASTM C 387 except that the strength at 28 days shall be at least 4000 psi (27,500 Pa). Slump flow range shall be 22 in. (550 mm) minimum to 28 in. (700 mm) maximum when tested according to AASHTO T 347. The visual stability index shall be a maximum of 1 when tested according to AASHTO T 351. At the option of the manufacturer, either the J-Ring value shall be a maximum of 2 in. (50 mm) when tested according to AASHTO T 347 or the L-Box blocking ratio shall be a minimum of 80 percent when tested according AASHTO T 419. The hardened visual stability index shall be a maximum of 1 when tested according to AASHTO R 81.

The "self -consolidating concrete" packaged concrete mixture shall have a water soluble chloride ion content of less than 0.15 percent by weight of cementitious material when tested according to ASTM C 1218 or AASHTO T 260.

The testing according to ASTM C 387, AASHTO T 347, AASHTO T 351, AASHTO T 419, AASHTO R 81, ASTM C 1218 and AASHTO T 260 shall be performed by an independent lab a minimum of once every 5 years, and the test results shall be provided to the Department. The Department will maintain a qualified product list. Mixing shall be per the manufacturer's recommendations."

Revise Article 1018.01 of the Standard Specifications to read:

"1018.01 Requirements. The rapid hardening mortar or concrete shall be according to ASTM C 928 and shall have successfully completed and remain current with the AASHTO Product Eval and Audit Rapid Hardening Concrete Patching Materials (RHCP) testing program. R1, R2, or R3 concrete shall be air entrained, the slump shall be 5-10 in. (125-250 mm), and the coarse aggregate shall be a maximum size of 1/2 in. (12.5 mm). For prestressed concrete applications, the mortar or concrete shall have a water-soluble chloride ion content of less than 0.06 percent by weight of cementitious material when tested according to ASTM C 1218 or AASHTO T 260;

and for non-prestressed concrete applications, the water soluble chloride content shall be less than 0.15 percent by weight of cementitious material. The Department will maintain a qualified product list. Mixing of the mortar or concrete shall be according to the manufacturer's specifications..”

Revise Article 1019.02 of the Standard Specifications to read:

“1019.02 Materials. Materials shall be according to the following.

Item	Article/Section
(a) Cement	1001
(b) Water	1002
(c) Fine Aggregate for Controlled Low-Strength Material (CLSM)	1003.06
(d) Fly Ash	1010
(e) Ground Granulated Blast Furnace (GGBF) Slag.....	1010
(f) Admixtures (Note 1)	

Note 1. The air-entraining admixture may be in powder or liquid form. The air content produced by the admixture shall be 15-25 percent when incorporated into Mix 2 or an equivalent mixture as determined by the Department and tested according to AASHTO T 121 or AASHTO T 152. The testing according to AASHTO T 121 or AASHTO T 152 shall be performed by an independent lab a minimum of once every five years, and the test results shall be provided to the Department. The Department will maintain a qualified product list.”

Revise the third paragraph of Article 1019.04 of the Standard Specifications to read:

“The Engineer will instruct the Contractor to adjust the proportions of the mix design in the field as needed to meet the design criteria, provide adequate flowability, maintain proper solid suspension, or other criteria established by the Engineer.”

Revise Article 1019.05 of the Standard Specifications to read:

“1019.05 Department Mix Design. The Department mix design shall be Mix 1, 2, or 3 and shall be proportioned to yield approximately one cubic yard (cubic meter).

Mix 1	
Cement	50 lb (30 kg)
Fly Ash – Class C or F, and/or GGBF Slag	125 lb (74 kg)
Fine Aggregate – Saturated Surface Dry	2900 lb (1720 kg)
Water	50-65 gal (248-322 L)
Air Content	No air is entrained
Mix 2	
Cement	125 lb (74 kg)

Fine Aggregate – Saturated Surface Dry	2500 lb (1483 kg)
Water	35-50 gal (173-248 L)
Air Content	15-25 %

Mix 3	
Cement	40 lb (24 kg)
Fly Ash – Class C or F, and/or GGBF Slag	125 lb (74 kg)
Fine Aggregate – Saturated Surface Dry	2500 lb (1483 kg)
Water	35-50 gal (179-248 L)
Air Content	15-25 %

Revise Article 1020.04, Table 1, Note (8) of the Standard Specifications to read:

“(8) In addition to the Type III portland cement, 100 lb/cu yd of ground granulated blast-furnace slag and 50 lb/cu yd of microsilica (silica fume) shall be used. For an air temperature greater than 85 °F, the Type III portland cement may be replaced with Type I, IL, or II portland cement.”

Revise Article 1020.04, Table 1 (Metric), Note (8) of the Standard Specifications to read:

“(8) In addition to the Type III portland cement, 60 kg/cu m of ground granulated blast-furnace slag and 30 kg/cu m of microsilica (silica fume) shall be used. For an air temperature greater than 30 °C, the Type III portland cement may be replaced with Type I, IL, or II portland cement.”

Revise Note 9 of Table 1 of Article 1020.04 of the Standard Specifications to read:

“(9) The cement shall be a rapid hardening according to Article 1001.01(d). Minimum or maximum cement factor may be adjusted when approved by the Engineer.”

Revise the second paragraph of Article 1020.05(a) of the Standard Specifications to read:

“For a mix design using a portland-pozzolan cement, portland blast-furnace slag cement, portland-limestone cement, or replacing portland cement with finely divided minerals per Articles 1020.05(c) and 1020.05(d), the Contractor may submit a mix design with a minimum portland cement content less than 400 lbs/cu yd (237 kg/cu m), but not less than 375 lbs/cu yd (222 kg/cu m), if the mix design is shown to have a minimum relative dynamic modulus of elasticity of 80 percent determined according to AASHTO T 161. Testing shall be performed by an independent laboratory accredited by AASHTO re:source for Portland Cement Concrete.”

Revise the first sentence of the first paragraph of Article 1020.05(b) of the Standard Specifications to read:

“Corrosion inhibitors and concrete admixtures shall be according to the qualified product lists.”

Delete the fourth and fifth sentences of the second paragraph of Article 1020.05(b) of the Standard Specifications.

Revise Article 1020.05(b)(5) of the Standard Specifications to read:

“(5) For Class PP-4 concrete, a high range water-reducing admixture, retarder, and/or hydration stabilizer may be used in addition to the air-entraining admixture. The Contractor also has the option to use a water-reducing admixture with the high range water-reducing admixture. An accelerator shall not be used. A mobile portland cement concrete plant shall be used to produce the patching mixture.

For PP-5 concrete, a non-chloride accelerator, high range water-reducing admixture, retarder, hydration stabilizer, and/or air-entraining admixture may be used. The accelerator, high range water-reducing admixture, retarder, hydration stabilizer, and/or air-entraining admixture shall be per the Contractor’s recommendation and dosage. The qualified product list of concrete admixtures shall not apply. A mobile portland cement concrete plant shall be used to produce the patching mixture.”

Revise second paragraph of Article 1020.05(b)(10) of the Standard Specifications to read:

“When calcium nitrite is used, it shall be added at the rate of 4 gal/cu yd (20 L/cu m) and shall be added to the mix immediately after all compatible admixtures have been introduced to the batch. Other corrosion inhibitors shall be added per the manufacturer’s specifications.”

Delete the third paragraph of Article 1020.05(b)(10) of the Standard Specifications.

Revise Article 1020.15(b)(1)c. of the Standard Specifications to read:

“c. The minimum portland cement content in the mixture shall be 375 lbs/cu yd (222 kg/cu m). When the total of organic processing additions, inorganic processing additions, and limestone addition exceed 5.0 percent in the cement, the minimum portland cement content in the mixture shall be 400 lbs/cu yd (237 kg/cu m). For a drilled shaft, foundation, footing, or substructure, the minimum portland cement may be reduced to as low as 330 lbs/cu yd (196 kg/cu m) if the concrete has adequate freeze/thaw durability. The Contractor shall provide freeze/thaw test results according to AASHTO T 161, and the relative dynamic modulus of elasticity of the mix design shall be a minimum of 80 percent. Testing shall be performed by an independent laboratory accredited by AASHTO re:source for Portland Cement Concrete. Freeze/thaw testing will not be required for concrete that will not be exposed to freezing and thawing conditions as determined by the Engineer.”

Revise Article 1021.01 of the Standard Specifications to read:

“1021.01 General. Admixtures shall be furnished in liquid or powder form ready for use. The admixtures shall be delivered in the manufacturer's original containers, bulk tank trucks or such containers or tanks as are acceptable to the Engineer. Delivery shall be accompanied by a ticket which clearly identifies the manufacturer, the date of manufacture, and trade name of the material. Containers shall be readily identifiable as to manufacturer, the date of manufacture, and trade name of the material they contain.

Concrete admixtures shall be on one of the Department's qualified product lists. Unless otherwise noted, admixtures shall have successfully completed and remain current with the AASHTO Product Eval and Audit Concrete Admixture (CADD) testing program. For admixture submittals to the Department; the product brand name, manufacturer name, admixture type or types, an electronic link to the product's technical data sheet, and the NTPEP testing number which contains an electronic link to all test data shall be provided. In addition, a letter shall be submitted certifying that no changes have been made in the formulation of the material since the most current round of tests conducted by AASHTO Product Eval and Audit. After 28 days of testing by AASHTO Product Eval and Audit, air-entraining admixtures may be provisionally approved and used on Departmental projects. For all other admixtures, unless otherwise noted, the time period after which provisionally approved status may be earned is 6 months.

The manufacturer shall include the following in the submittal to the AASHTO Product Eval and Audit CADD testing program: the manufacturing range for specific gravity, the midpoint and manufacturing range for residue by oven drying, and manufacturing range of pH. The submittal shall also include an infrared spectrophotometer trace no more than five years old.

For air-entraining admixtures according to Article 1021.02, the specific gravity allowable manufacturing range established by the manufacturer shall be according to AASHTO M 194. For residue by oven drying and pH, the allowable manufacturing range and test methods shall be according to AASHTO M 194.

For admixtures according to Articles 1021.03, 1021.04, 1021.05, 1021.06, 1021.07, and 1021.08, the pH allowable manufacturing range established by the manufacturer shall be according to ASTM E 70. For specific gravity and residue by oven drying, the allowable manufacturing range and test methods shall be according to AASHTO M 194.

All admixtures, except chloride-based accelerators, shall contain a maximum of 0.3 percent chloride by weight (mass) as determined by an appropriate test method. To verify the test result, the Department will use Illinois Modified AASHTO T 260, Procedure A, Method 1.

Prior to final approval of an admixture, the Engineer reserves the right to request a sample for testing. The test and reference concrete mixtures tested by the Engineer will contain a cement content of 5.65 cwt/cu yd (335 kg/cu m). For freeze-thaw testing, the Department will perform the test according to Illinois Modified AASHTO T 161. The flexural strength test will be performed according to AASHTO T 177. If the Engineer decides to test the admixture, the manufacturer shall submit AASHTO T 197 water content and set time test results on the standard cement used by the Department. The manufacturer may select their lab or an independent lab to perform this testing. The laboratory is not required to be accredited by AASHTO.

Random field samples may be taken by the Department to verify an admixture meets specification. A split sample will be provided to the manufacturer if requested. Admixtures that do not meet specification requirements or an allowable manufacturing range established by the manufacturer shall be replaced with new material.”

Revise Article 1021.03 of the Standard Specifications to read:

“1021.03 Retarding and Water-Reducing Admixtures. The admixture shall be according to the following.

- (a) Retarding admixtures shall be according to AASHTO M 194, Type B (retarding) or Type D (water-reducing and retarding).
- (b) Water-reducing admixtures shall be according to AASHTO M 194, Type A.
- (c) High range water-reducing admixtures shall be according to AASHTO M 194, Type F (high range water-reducing) or Type G (high range water-reducing and retarding).”

Revise Article 1021.05 of the Standard Specifications to read:

“1021.05 Self-Consolidating Admixtures. Self-consolidating admixture systems shall consist of either a high range water-reducing admixture only or a high range water-reducing admixture combined with a separate viscosity modifying admixture. The one or two component admixture system shall be capable of producing a concrete that can flow around reinforcement and consolidate under its own weight without additional effort and without segregation.

High range water-reducing admixtures shall be according to AASHTO M 194, Type F.

Viscosity modifying admixtures shall be according to AASHTO M 194, Type S (specific performance).”

Revise Article 1021.06 of the Standard Specifications to read:

“1021.06 Rheology-Controlling Admixture. Rheology-controlling admixtures shall be capable of producing a concrete mixture with a lower yield stress that will consolidate easier for slipform applications used by the Contractor. Rheology-controlling admixtures shall be according to AASHTO M 194, Type S (specific performance).”

Revise Article 1021.07 of the Standard Specifications to read:

“1021.07 Corrosion Inhibitor. The corrosion inhibitor shall be according to one of the following.

- (a) Calcium Nitrite. Corrosion inhibitors shall contain a minimum 30 percent calcium nitrite by weight (mass) of solution and shall comply with either the requirements of AASHTO

M 194, Type C (accelerating) or the requirements of ASTM C 1582. The corrosion inhibiting performance requirements of ASTM C 1582 shall not apply.

(b) Other Materials. The corrosion inhibitor shall be according to ASTM C 1582.

For submittals requiring testing according to ASTM M 194, Type C (accelerating), the admixture shall meet the requirements of the AASHTO Product Eval and Audit CADD testing program according to Article 1021.01.

For submittals requiring testing according to ASTM C 1582, a report prepared by an independent laboratory accredited by AASHTO re:source for portland cement concrete shall be provided. The report shall show the results of physical tests conducted no more than five years prior to the time of submittal, according to applicable specifications. However, ASTM G 109 test information specified in ASTM C 1582 is not required to be from an independent accredited lab. All other information in ASTM C 1582 shall be from an independent accredited lab. Test data and other information required to be submitted to AASHTO Product Eval and Audit according to Article 1021.01, shall instead be submitted directly to the Department.”

Add Article 1021.08 of the Standard Specifications as follows:

“1021.08 Other Specific Performance Admixtures. Other specific performance admixtures shall, at a minimum, be according to AASHTO M 194, Type S (specific performance). The Department also reserves the right to require other testing, as determined by the Engineer, to show evidence of specific performance characteristics.

Initial testing according to AASHTO M 194 may be conducted under the AASHTO Product Eval and Audit CADD testing program according to Article 1021.01, or by an independent laboratory accredited by AASHTO re:source for Portland Cement Concrete. In either case, test data and other information required to be submitted to AASHTO Product Eval and Audit according to Article 1021.01, shall also be submitted directly to the Department. The independent accredited lab report shall show the results of physical tests conducted no more than five years prior to the time of submittal, according to applicable specifications.”

Add Article 1021.09 of the Standard Specifications as follows:

“1021.09 Latex Admixtures. The latex admixture shall be a uniform, homogeneous, non-toxic, film-forming, polymeric emulsion in water to which all stabilizers have been added at the point of manufacture. The latex admixture shall not contain any chlorides and shall contain 46-49 percent solids.

In lieu of meeting the requirements of Article 1021.01, the Contractor shall submit a manufacturer's certification that the latex emulsion meets the requirements of FHWA Research Report RD-78-35, Chapter VI. The certificate shall include the date of manufacture of the latex admixture, batch or lot number, quantity represented, manufacturer's name, and the location of the manufacturing plant. The latex emulsion shall be sampled and tested in accordance with RD-78-35, Chapter VII, Certification Program.

The latex admixture shall be packaged and stored in containers and storage facilities which will protect the material from freezing and from temperatures above 85°F (30°C). Additionally, the material shall not be stored in direct sunlight and shall be shaded when stored outside of buildings during moderate temperatures.”

Revise Article 1024.01 of the Standard Specifications to read:

“1024.01 Requirements for Grout. The grout shall be proportioned by dry volume, thoroughly mixed, and shall have a minimum temperature of 50 °F (10 °C). Water shall not exceed the minimum needed for placement and finishing.

Materials for the grout shall be according to the following.

Item	Article/Section
(a) Cement	1001
(b) Water	1002
(c) Fine Aggregate	1003.02
(d) Fly Ash	1010
(e) Ground Granulated Blast Furnace (GGBF) Slag.....	1010
(f) Concrete Admixtures	1021”

Revise Note 1 of Article 1024.02 of the Standard Specifications to read:

“Note 1. Nonshrink grout shall be according to ASTM C 1107.

For prestressed concrete applications, the nonshrink grout shall have a water soluble chloride ion content of less than 0.06 percent by weight of cementitious material when tested according to ASTM C 1218 or AASHTO T 260; and for non-prestressed concrete applications, the water soluble chloride ion content shall be less than 0.15 percent by weight of cementitious material. The testing according to ASTM 1107, and either ASTM C 1218 or AASHTO T 260 shall be performed by an independent lab a minimum of once every five years, and the test results shall be provided to the Department. The Department will maintain a qualified product list. Mixing of the nonshrink grout shall be according to the manufacturer’s specifications.”

Revise Article 1029.02 of the Standard Specifications to read:

“1029.02 Materials. Materials shall be according to the following.

Item	Article/Section
(a) Cement.....	1001
(b) Fly Ash	1010
(c) Ground Granulated Blast Furnace (GGBF) Slag	1010
(d) Water.....	1002
(e) Fine Aggregate.....	1003
(f) Concrete Admixtures	1021

(g) Foaming Agent (Note 1)

Note 1. The manufacturer shall submit infrared spectrophotometer trace and test results indicating the foaming agent meets the requirements of ASTM C 869 in order to be on the Department's qualified product list. Submitted data/results shall not be more than five years old."

Revise the second paragraph of Article 1103.03(a)(4) the Standard Specifications to read:

"The dispenser system shall provide a visual indication that the liquid admixture is actually entering the batch, such as via a transparent or translucent section of tubing or by independent check with an integrated secondary metering device. If approved by the Engineer, an alternate indicator may be used for admixtures dosed at rates of 25 oz/cwt (1630 mL/100 kg) or greater, such as accelerating admixtures, corrosion inhibitors, and viscosity modifying admixtures."

Revise Article 1103.04 of the Standard Specifications to read:

"1103.04 Mobile Portland Cement Concrete Plants. The mobile concrete plant shall be according to AASHTO M 241 and the Bureau of Materials Policy Memorandum "Approval of Volumetric Mobile Mixers for Concrete". The mixer shall be capable of carrying sufficient unmixed materials to produce not less than 6 cu yd (4.6 cu m) of concrete."

Revise the first two sections of Check Sheet #11 "Subsealing of Concrete Pavements" of the Recurring Special Provisions to read:

"Description. This work shall consist of filling voids beneath rigid and composite pavements with cement grout.

Materials. Materials shall be according to the following Articles/Sections of the Standard Specifications:

Item	Article/Section
(a) Cement	1001
(b) Water	1002
(c) Fly Ash	1010
(d) Ground Granulated Blast Furnace (GGBF) Slag.....	1010
(e) Admixtures	1021
(f) Packaged Rapid Hardening Mortar or Concrete	1018"

Revise the Materials section of Check Sheet #28 "Portland Cement Concrete Inlay or Overlay" of the Recurring Special Provisions to read:

"Materials. Materials shall be according to the following Articles/Sections of the Standard Specifications.

Item	Article/Section
(a) Portland Cement Concrete (Note 1)	1020
(b) Fibers for Concrete.....	1014
(c) Protective Coat.....	1023.01

Note 1. Class PV concrete shall be used, except the cement factor for central mixed concrete shall be 6.05 cwt/cu yd (360 kg/cu m). A cement factor reduction according to Article 1020.05(b)(8) of the Standard Specifications will be permitted. CA 5 shall not be used and CA 7 may only be used for overlays that are a minimum of 4.5 in. (113 mm) thick. The Class PV concrete shall have a minimum flexural strength of 550 psi (3800 kPa) or a minimum compressive strength of 3000 psi (20,700 kPa) at 14 days.”

80460

COMPENSABLE DELAY COSTS (BDE)

Effective: June 2, 2017

Revised: April 1, 2019

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Add the following to Section 109 of the Standard Specifications.

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

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

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

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

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

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

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

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

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

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

80384

REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES (BDE)

Effective: January 1, 2024

Revised: April 1, 2024

Revise the first paragraph of Article 669.04 of the Standard Specifications to read:

“669.04 Regulated Substances Monitoring. Regulated substances monitoring includes environmental observation and field screening during regulated substances management activities. The excavated soil and groundwater within the work areas shall be managed as either uncontaminated soil, hazardous waste, special waste, or non-special waste.

As part of the regulated substances monitoring, the monitoring personnel shall perform and document the applicable duties listed on form BDE 2732 “Regulated Substances Monitoring Daily Record (RSMDR).”

Revise the first two sentences of the nineteenth paragraph of Article 669.05 of the Standard Specifications to read:

“The Contractor shall coordinate waste disposal approvals with the disposal facility and provide the specific analytical testing requirements of that facility. The Contractor shall make all arrangements for collection, transportation, and analysis of landfill acceptance testing.”

Revise the last paragraph of Article 669.05 of the Standard Specifications to read:

“The Contractor shall select a permitted landfill facility or CCDD/USFO facility meeting the requirements of 35 Ill. Admin. Code Parts 810-814 or Part 1100, respectively. The Department will review and approve or reject the facility proposed by the Contractor based upon information provided in BDE 2730. The Contractor shall verify whether the selected facility is compliant with those applicable standards as mandated by their permit and whether the facility is presently, has previously been, or has never been, on the United States Environmental Protection Agency (U.S. EPA) National Priorities List or the Resource Conservation and Recovery Act (RCRA) List of Violating Facilities. The use of a Contractor selected facility shall in no manner delay the construction schedule or alter the Contractor's responsibilities as set forth.”

Revise the first paragraph of Article 669.07 of the Standard Specifications to read:

“669.07 Temporary Staging. Soil classified according to Articles 669.05(a)(2), (b)(1), or (c) may be temporarily staged at the Contractor's option. All other soil classified according to Articles 669.05(a)(1), (a)(3), (a)(4), (a)(5), (a)(6), or (b)(2) shall be managed and disposed of without temporary staging to the greatest extent practicable. If circumstances beyond the Contractor's control require temporary staging of these latter materials, the Contractor shall request approval from the Engineer in writing.

Topsoil for re-use as final cover which has been field screened and found not to exhibit PID readings over daily background readings as documented on the BDE 2732, visual staining or

odors, and is classified according to Articles 669.05(a)(2), (a)(3), (a)(4), (b)(1), or (c) may be temporarily staged at the Contractor's option."

Add the following paragraph after the sixth paragraph of Article 669.11 of the Standard Specifications.

"The sampling and testing of effluent water derived from dewatering discharges for priority pollutants volatile organic compounds (VOCs), priority pollutants semi-volatile organic compounds (SVOCs), or priority pollutants metals, will be paid for at the contract unit price per each for VOCS GROUNDWATER ANALYSIS using EPA Method 8260B, SVOCS GROUNDWATER ANALYSIS using EPA Method 8270C, or RCRA METALS GROUNDWATER ANALYSIS using EPA Methods 6010B and 7471A. This price shall include transporting the sample from the job site to the laboratory."

Revise the first sentence of the eight paragraph of Article 669.11 of the Standard Specifications to read:

"Payment for temporary staging of soil classified according to Articles 669.05(a)(1), (a)(3), (a)(4), (a)(5), (a)(6), or (b)(2) to be managed and disposed of, if required and approved by the Engineer, will be paid according to Article 109.04."

80455

STRUCTURAL REPAIR OF CONCRETE (BDE)

Effective: January 1, 2026

Add the following Section 532 to the Standard Specifications:

“SECTION 532. STRUCTURAL REPAIR OF CONCRETE

532.01 Description. This work shall consist of repairing concrete on a bridge substructure, culvert, retaining wall, or other structure.

532.02 Materials. Materials shall be according to the following.

Item	Article/Section
(a) Portland Cement Concrete (Note 1)	1020
(b) R1, R2, or R3 Concrete	1018
(c) Packaged, Dry, Combined Materials for Concrete	1017.02, 1017.03
(d) High Performance Shotcrete	1015
(e) Reinforcement Bars.....	1006.10
(f) Anchor Bolts	1006.09
(g) Water.....	1002
(h) Curing Compound	1022.01
(i) Cotton Mats.....	1022.02
(j) Protective Coat.....	1023
(k) Epoxy (Note 2)	1025
(l) Mechanical Bar Splicers	508.06(c)
(m) Polymer Modified Portland Cement Mortar (Note 3)	

Note 1. The concrete shall be Class SI, except the cement and finely divided minerals shall be a minimum 6.65 cwt/cu yd (395 kg/cu m) with no reductions permitted, the cement shall not be below 4.70 cwt/cu yd (279 kg/cu m), the coarse aggregate shall be a CA 16, the strength shall be a minimum 4000 psi (27,500 kPa) at 28 days, and the slump shall be 5-10 in. (125-250 mm). A self-consolidating concrete mixture will also be permitted. Slump flow range, visual stability index, J-Ring, L-Box, and hardened visual stability index requirements shall be according to Article 1020.04.

Note 2. ASTM C 881, Type IV, Grade 2 or 3, Class A, B, or C may also be used.

Note 3. Polymer modified portland cement mortar shall be a packaged product consisting of cementitious materials, fine aggregate, and a polymer modifier; and shall have successfully completed and remain current with the AASHTO Product Eval and Audit Rapid Hardening Concrete Patching Materials (RHCP) testing program. The mortar shall be a workable mix capable of bonding and holding its own plastic weight when mixed and placed according to manufacturer's instructions on vertical and overhead surfaces. It shall have a minimum compressive strength of 1,500 psi (10,300 kPa) at 24 hours, 4,000 psi (27,500 kPa) at 7 days, and 5,000 psi (34,500 kPa) at 28 days when tested according to

ASTM C 109 or AASHTO T 106. In addition, the mortar shall have a minimum bond strength of 1,500 psi (10,300 kPa) at 7 days when tested according to ASTM C 882. For prestressed concrete applications, the mortar shall have a water-soluble chloride ion content of less than 0.06 percent by weight of cementitious material when tested according to ASTM C 1218 or AASHTO T 260; and for non-prestressed concrete applications, the water-soluble chloride ion content shall be less than 0.15 percent by weight of cementitious material. The Department will maintain a Qualified Product List of Polymer Modified Portland Cement Mortar.

532.03 Equipment. Equipment shall be according to Article 503.03 and the following.

Item	Article/Section
(a) Hydrodemolition Equipment.....	1101.11
(b) High Performance Shotcrete Equipment (Note1)	

Note 1. The batching, mixing, pumping, hose, nozzle, and auxiliary equipment shall be for the wet-mix shotcrete method and meet the requirements of ACI 506R.

CONSTRUCTION REQUIREMENTS

532.04 General. The repair method shall be either formed concrete repair or shotcrete according to the following.

- (a) **Formed Concrete Repair.** For formed concrete repair, a subsequent patch to repair the placement point after initial concrete placement will not be allowed. As an example, this may occur in a vertical location located at the top of the repair.

Formed concrete repair shall not be used for overhead applications except as noted for polymer modified portland cement mortar.

Polymer modified portland cement mortar shall only be used for repairs between 3/8 in. (10 mm) and 2 in. (50 mm) deep on horizontal, vertical, and overhead surfaces.

- (b) **Shotcrete.** Shotcrete shall not be used for any repair greater than 6 in. (150 mm) in depth, except in horizontal applications where the shotcrete may be placed from above in one lift.

Shotcrete shall not be used for column repairs greater than 4 in. (100 mm) in depth, unless the shotcrete mixture contains 3/8 in. (9.5 mm) aggregate.

The Contractor shall provide a current copy of ACI 506R to the Engineer a minimum of one week prior to the start of construction.

The shotcrete personnel who perform the work shall have current American Concrete Institute (ACI) nozzlemen certification for vertical wet and overhead wet applications,

except one individual may be in training. This individual shall be adequately supervised by a certified ACI nozzlemen as determined by the Engineer and a copy of the nozzlemen certificate(s) provided to the Engineer.

532.05 Temporary Shoring or Cribbing. When a temporary shoring or cribbing support system is required, the Contractor shall provide details and computations, prepared and sealed by an Illinois Licensed Structural Engineer, to the Department for approval. Whenever possible, the support system shall be installed prior to starting the associated concrete removal. If no system is specified, but during the course of removal the need for temporary shoring or cribbing becomes apparent or is directed by the Engineer due to a structural concern, the Contractor shall not proceed with any further removal work until an approved support system is installed.

532.06 Concrete Removal. The Contractor shall provide ladders or other appropriate equipment for the Engineer to mark the removal areas. Repair configurations will be kept simple, and squared corners will be indicated whenever possible. The repair perimeter shall be sawed a depth of 1/2 in. (13 mm) or less, as required to avoid cutting the reinforcement. If the concrete is broken or removed beyond the limits of the initial saw cut, the new repair perimeter shall be recut. The areas to be repaired shall have all loose, unsound concrete removed completely by the use of hydrodemolition equipment or chipping hammer with a 15 lb. (7 kg) maximum class. The concrete removal shall extend along the reinforcement bar until the reinforcement is free of bond inhibiting corrosion. Reinforcement bars with 50 percent or more exposed area shall be undercut to a depth of 3/4 in. (19 mm) or the diameter of the reinforcement bar, whichever is greater.

The minimum repair depth shall be 1 in. (25 mm). The substrate profile shall be $\pm 1/16$ in. (± 1.5 mm). The perimeter of the repair area shall have a vertical face.

If sound concrete is encountered before existing reinforcement bars are exposed, further removal of concrete shall not be performed unless the minimum repair depth is not met.

If a repair is located at the ground line, any excavation required below the ground line to complete the repair shall be included in this work.

Once concrete removal has started, the Contractor shall have 14 calendar days to complete each repair location.

The Engineer shall be notified of concrete removal that exceeds 6 in. (150 mm) in depth, one fourth the cross section of a structural member, more than half the vertical column reinforcement is exposed in a cross section, more than six consecutive reinforcement bars are exposed in any direction, within 1.5 in. (38 mm) of a bearing area, or other structural concern. Excessive deterioration or removal may require further evaluation of the structure or installation of temporary shoring and cribbing support system.

532.07 Surface Preparation. Prior to placing the concrete or shotcrete, the Contractor shall blast clean the repair area and exposed reinforcement to provide a surface that is free of oil, dirt, and loose material.

The repair area and perimeter vertical face shall have a rough surface. Just prior to concrete or shotcrete placement, the repair area shall be saturated with water to a saturated surface-dry condition. Any standing water shall be removed.

If a succeeding layer of shotcrete is to be applied, the initial shotcrete surface and remaining exposed reinforcement shall be free of curing compound, oil, dirt, loose material, rebound, and overspray. Preparation may be by lightly brushing or blast cleaning if the previous shotcrete surface was less than 36 hours prior. If more than 36 hours prior, the surface shall be prepared by blast cleaning.

532.08 Reinforcement. Exposed reinforcement bars shall be cleaned of concrete and corrosion by blast cleaning. After cleaning, exposed reinforcement will be evaluated to determine if replacement or additional reinforcement bars are required.

Reinforcing bars that have been cut or have lost 25 percent or more of their original cross-sectional area shall be supplemented by new in kind reinforcement bars. New bars shall be lapped a minimum of 32 bar diameters to existing bars. A mechanical bar splicer shall be used when it is not feasible to provide the minimum bar lap. No welding of bars will be permitted.

Intersecting reinforcement bars shall be tightly secured to each other using 0.006 in. (0.15 mm) or heavier gauge tie wire and shall be adequately supported to minimize movement during concrete placement or application of shotcrete.

Where the depth of concrete removal is greater than 8 in. (205 mm) and there is no existing reinforcement extending into the repair area, the Contractor shall anchor the new concrete to the existing concrete with 3/4 in. (19 mm) diameter hook bolts spaced at 15 in. (380 mm) maximum centers both vertically and horizontally, and a minimum of 12 in. (305 mm) away from the perimeter of the repair according to Section 584.

532.09 Repair Methods. Within 3 calendar days of the surface preparation and after the repair areas are approved by the Engineer, the concrete or shotcrete shall be placed according to the following.

- (a) **Formed Concrete Repair.** Falsework and forms shall be according to Articles 503.05 and Article 503.06. Formwork shall provide a smooth and uniform concrete finish and shall approximately match the existing concrete structure. Air vents may be provided to reduce voids and improve surface appearance. The Contractor may use exterior mechanical vibration, as approved by the Engineer, to release air pockets. The concrete shall be Class SI concrete; packaged R1, R2, or R3 concrete; packaged, dry, combined materials for concrete; or polymer modified portland cement mortar. The concrete shall be placed and consolidated according to Article 503.07.

Curing shall be according to Article 1020.13.

The surfaces of the completed repair shall be finished according to Article 503.15.

- (b) Shotcrete. In the field, shotcrete shall be tested for air content according to Illinois Modified AASHTO T 152 or AASHTO T 152. The sample shall be obtained from the discharge end of the nozzle by shooting a pile large enough to scoop a representative amount for filling the air meter measuring bowl. Shotcrete shall not be shot directly into the measuring bowl for testing.

Compressive strength shall be according to ASTM C 1140, except the test panel shall be cured according to Article 1020.13(a)(3) or (5) while stored at the jobsite and during delivery to the laboratory. At the discretion of the Engineer, the test panel may be reduced to 18x18x3.5 in. (457x457x89 mm).

The method of alignment control (i.e., ground wires, guide strips, depth gages, depth probes, and formwork) to ensure the specified shotcrete thickness and reinforcing bar cover is obtained shall be according to ACI 506R. Ground wires shall be removed after completion of cutting operations. Guide strips and formwork shall be of dimensions and a configuration that do not prevent proper application of shotcrete. Metal depth gauges shall be cut 1/4 in. (6 mm) below the finished surface. All repaired members shall be restored as close as practicable to their original dimensions.

Air temperature limits according to the first paragraph of Article 1020.14(b) shall apply in cold weather. Shotcrete shall not be applied when the air temperature is greater than 90 °F (32 °C). The applied shotcrete shall have a minimum temperature of 50 °F (10 °C) and a maximum temperature of 90 °F (32 °C). The shotcrete shall not be applied during periods of rain unless protective covers or enclosures are installed. If necessary, lighting shall be provided to provide a clear view of the shooting area.

The shotcrete shall be applied according to ACI 506R and shall be done in a manner that does not result in cold joints, laminations, sandy areas, voids, sags, or separations. In addition, the shotcrete shall be applied in a manner that results in maximum densification of the shotcrete. Shotcrete which is identified as being unacceptable while still plastic shall be removed and re-applied.

The nozzle shall normally be at a distance of 2-5 ft. (0.6-1 m) from the receiving surface and shall be oriented at right angles to the receiving surface. Exceptions to this requirement will be permitted to fill corners, encase large diameter reinforcing bars, or as approved by the Engineer. For any exception, the nozzle shall never be oriented more than 4 degrees from the surface. Care shall be taken to keep the front face of the reinforcement bar clean during shooting operations. Shotcrete shall be built up from behind the reinforcement bar. Accumulations of rebound and overspray shall be continuously removed prior to application of new shotcrete. Rebound material shall not be incorporated in the work.

Whenever possible, shotcrete shall be applied to the full thickness in a single layer. When two or more layers are required, the minimum number shall be used and shall be done in a manner without sagging or separation. A flash coat (i.e. a thin layer of up to 1/4 in. (6 mm) applied shotcrete) may be used as the final lift for overhead applications.

Prior to application of a succeeding layer of shotcrete, the initial layer of shotcrete shall be prepared according to the surface preparation and reinforcement bar cleaning requirements. Upon completion of the surface preparation and reinforcement bar treatment, water shall be applied according to the surface preparation requirements unless the surface is moist. The second layer of shotcrete shall then be applied within 30 minutes.

Shotcrete shall be cut back to line and grade using trowels, cutting rods, screeds or other suitable devices. The shotcrete shall be allowed to stiffen sufficiently before cutting. For depressions, cut material may be used for small areas. Rebound material shall not be incorporated in the work. For the final finish, a wood float or a manufacturer approved finishing aid shall be used to approximately match the existing concrete texture.

Contractor operations for curing shall be continuous with shotcrete placement and finishing operations. Curing shall be accomplished using wetted cotton mats, membrane curing, or a combination of both. Cotton mats shall be applied according to Article 1020.13(a)(5), except the exposed layer of shotcrete shall be covered within 10 minutes after finishing and wet curing shall begin immediately. Curing compound shall be applied according to Article 1020.13(a)(4), except the curing compound shall be applied as soon as the shotcrete has hardened sufficiently to prevent marring the surface, and each of the two separate applications shall be applied in opposite directions to ensure coverage. Note 5 of the Index Table in Article 1020.13 shall also apply.

When a shotcrete layer is to be covered by a succeeding shotcrete layer within 36 hours, the repair area shall be protected by wet curing with either burlap or cotton mats until the succeeding layer is applied. Intermittent hand fogging may be used for the first hour and a half if wet curing with mats begins within 10 minutes after fogging has ceased.

The curing period shall be for 7 days, except when there is a succeeding layer of shotcrete. In this instance, the initial shotcrete layer shall be cured until the surface preparation and reinforcement bar treatment is started.

The concrete or shotcrete shall not be placed when frost is present on the surface of the repair area, or the surface temperature of the repair area is less than 40 °F (4 °C). All repaired members shall be restored as close as practicable to their original dimensions.

If temperatures below 45 °F (7 °C) are forecast during the curing period, Protection Method I according to Article 1020.13(d)(1) or Protection Method II according to Article 1020.13(d)(2) shall be used.

532.10 Protective Coat. Protective coat shall be applied to the completed repair at reinforcement bar locations with less than 3/4 in. (19 mm) of cover according to Article 503.19, except blast cleaning shall be performed to remove curing compound.

532.11 Inspection. After curing but no sooner than 28 days after placement of concrete or shotcrete, the Contractor shall provide ladders or other necessary equipment for the Engineer to inspect the repaired areas.

A repaired area with cracks, voids, or delamination shall be considered as nonconforming. Any of the following shall be cause for removal and replacement of a repaired area.

- (a) A single surface crack greater than 0.01 in. (0.25 mm) in width and greater than 12 in. (300 mm) in length.
- (b) Two or more surface cracks greater than 0.01 in. (0.25 mm) in width that total greater than 24 in. (600 mm) in length.
- (c) Map cracking in one or more regions totaling 15 percent or more of the gross surface area of the repair.
- (d) Two or more surface voids with least dimension of 3/4 in. (19 mm) each.
- (e) A repaired area not within 1/4 in. (6 mm) of the original dimensions.

Cracks greater than 0.007 in. (0.2 mm) in width shall be repaired with epoxy according to Section 590. For cracks less than or equal to 0.007 in. (0.2 mm) in width, the epoxy shall be applied to the surface of the crack as determined by the Engineer. Voids shall be repaired according to Article 503.15.

532.12 Method of Measurement. This work will be measured for payment in place and the area computed in square feet (square meters). For a repair at a corner, both sides will be measured.

532.13 Basis of Payment. This work will be paid for at the contract unit price per square foot (square meter) for STRUCTURAL REPAIR OF CONCRETE (DEPTH GREATER THAN 5 INCHES or STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES.

Concrete protected according to Article 1020.13(d) will be paid according to Article 503.22.

When not specified to be paid for elsewhere, the work to design, install, and remove the temporary shoring and cribbing will be paid according to Article 109.04.

With the exception of reinforcement damaged by the Contractor, supplemental reinforcement bars, mechanical bar splicers, hook bolts, and protective coat will be paid according to Article 109.04.”

VEHICLE AND EQUIPMENT WARNING LIGHTS (BDE)

Effective: November 1, 2021

Revised: November 1, 2022

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

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

80439

WORK ZONE TRAFFIC CONTROL DEVICES (BDE)

Effective: March 2, 2020

Revised: January 1, 2026

Add the following to Article 701.03 of the Standard Specifications:

“(q) Temporary Sign Supports 1106.02”

Revise Article 701.03(p) of the Standard Specifications to read:

“(p) Detectable Pedestrian Channelizing Barricades 1106.02(m)”

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

“For temporary sign supports, the Contractor shall provide a FHWA eligibility letter for each device used on the contract. The letter shall provide information for the set-up and use of the device as well as a detailed drawing of the device. The signs shall be supported within 20 degrees of vertical. Weights used to stabilize signs shall be attached to the sign support per the manufacturer’s specifications.”

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

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

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

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

Category 1 includes small, lightweight, channelizing and delineating devices that have been in common use for many years and are known to be crashworthy by crash testing of similar devices or years of demonstrable safe performance. These include cones, tubular markers, plastic drums, and delineators, with no attachments (e.g. lights). Category 1 devices shall be MASH compliant.

Category 2 includes devices that are not expected to produce significant vehicular velocity change but may otherwise be hazardous. These include vertical panels with lights, barricades, temporary sign supports, and Category 1 devices with attachments (e.g. drums with lights). Category 2 devices shall be MASH compliant.

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

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

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

Revise the first paragraph of Section 1106.02(a) of the Standard Specifications to read:

- “(a) Lights. Lights shall meet the requirements of Chapter 13 of the “Equipment and Materials Standards of the Institute of Transportation Engineers,” 1998, Institute of Transportation Engineers, and shall be visible on a clear night from a distance of 3000 ft (900 m). Lights are classified as follows.”

Revise Articles 1106.02(g), 1106.02(k), 1106.02(l), and 1106.02(m) of the Standard Specifications to read:

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

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

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

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

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

Engineer shall be provided one copy of the shop drawings. The barrier shall be capable of being moved on and off the roadway on a daily basis.

- (m) Detectable Pedestrian Channelizing Barricades. The top panel or handrail shall be continuous and there should be at least a 2 in. (50 mm) gap between the hand trailing edge and its support. When visible to vehicular traffic, the top rail shall have alternating white and orange retroreflective stripes sloping at 45 degrees. The bottom panel shall be continuous and have alternating white and orange retroreflective stripes sloping at 45 degrees. Barricade stripes shall be 6 in. (150 mm) in width. The predominant color for other barricade components shall be white, orange, or silver.”

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GUIDE BRIDGE SPECIAL PROVISION INDEX/CHECK SHEET

Effective as of the: January 16, 2026 Letting

√	File Name	Title	Effective	Revised
	GBSP4	Polymer Modified Portland Cement Mortar	June 7, 1994	Oct 17, 2025
	GBSP13	High-Load Multi-Rotational Bearings	Oct 13, 1988	June 28, 2024
	GBSP14	Jack and Remove Existing Bearings	Apr 20, 1994	April 13, 2018
	GBSP16	Jacking Existing Superstructure	Jan 11, 1993	April 13, 2018
	GBSP18	Modular Expansion Joint	May 19, 1994	Oct 27, 2023
	GBSP21	Cleaning and Painting Contact Surface Areas of Existing Steel Structures	Jun 30, 2003	Oct 23, 2020
	GBSP25	Cleaning and Painting Existing Steel Structures	Oct 2, 2001	Oct 17, 2025
	GBSP26	Containment and Disposal of Lead Paint Cleaning Residues	Oct 2, 2001	Apr 22, 2016
	GBSP33	Pedestrian Truss Superstructure	Jan 13, 1998	Oct 27, 2023
	GBSP34	Concrete Wearing Surface	Jun 23, 1994	Oct 17, 2025
	GBSP45	Bridge Deck Thin Polymer Overlay	May 7, 1997	June 28, 2024
	GBSP55	Erection of Curved Steel Structures	Jun 1, 2007	
	GBSP59	Diamond Grinding and Surface Testing Bridge Sections	Dec 6, 2004	April 15, 2022
	GBSP60	Containment and Disposal of Non-Lead Paint Cleaning Residues	Nov 25, 2004	April 22, 2016
	GBSP61	Slipform Parapet	Jun 1, 2007	April 15, 2022
	GBSP67	Structural Assessment Reports for Contractor's Means and Methods	Mar 6, 2009	Oct 5, 2015
	GBSP71	Aggregate Column Ground Improvement	Jan 15, 2009	Oct 15, 2011
	GBSP78	Bridge Deck Construction	Oct 22, 2013	Dec 21, 2016
	GBSP79	Bridge Deck Grooving (Longitudinal)	Dec 29, 2014	Mar 29, 2017
✓	GBSP81	Membrane Waterproofing for Buried Structures	Oct 4, 2016	March 1, 2019
	GBSP82	Metallizing of Structural Steel	Oct 4, 2016	Oct 20, 2017
	GBSP83	Hot Dip Galvanizing For Structural Steel	Oct 4, 2016	June 28, 2024
	GBSP85	Micropiles	Apr 19, 1996	Oct 23, 2020
	GBSP86	Drilled Shafts	Oct 5, 2015	Oct 27, 2023
	GBSP87	Lightweight Cellular Concrete Fill	Nov 11, 2001	Apr 1, 2016
	GBSP88	Corrugated Structural Plate Structures	Apr 22, 2016	April 13, 2018
	GBSP89	Preformed Pavement Joint Seal	Oct 4, 2016	March 24, 2023
	GBSP90	Three Sided Precast Concrete Structure (Special)	Dec 21, 2016	March 22, 2024
	GBSP91	Crosshole Sonic Logging Testing of Drilled Shafts	Apr 20, 2016	March 24, 2023
	GBSP92	Thermal Integrity Profile Testing of Drilled Shafts	Apr 20, 2016	March 24, 2023
	GBSP93	Preformed Bridge Joint Seal	Dec 21, 2016	June 28, 2024
	GBSP94	Warranty for Cleaning and Painting Steel Structures	Mar 3, 2000	Nov 24, 2004
	GBSP96	Erection of Bridge Girders Over or Adjacent to Railroads	Aug 9, 2019	
	GBSP97	Folded/Formed PVC Pipeliner	April 15, 2022	
	GBSP98	Cured-in-Place Pipe Liner	April 15, 2022	
	GBSP99	Spray-Applied Pipe Liner	April 15, 2022	
	GBSP100	Bar Splicers, Headed Reinforcement	Sept 2, 2022	Oct. 27, 2023
	GBSP101	Noise Abatement Wall, Ground Mounted	Dec 9, 2022	Oct 17, 2025
	GBSP102	Noise Abatement Wall, Structure Mounted	Dec 9, 2022	Oct 17, 2025
	GBSP103	Noise Abatement Wall Anchor Rod Assembly	Dec 9, 2022	

LIST ADDITIONAL SPECIAL PROVISIONS BELOW

The following Guide Bridge Special Provisions have been incorporated into other specifications:

File Name	Title	Location
GBSP12	Drainage System	SSRBC 523
GBSP15	Three Sided Precast Concrete Structure	Superseded by GBSP90
GBSP28	Deck Slab Repair	BDE Special Provision 80476
GBSP29	Bridge Deck Microsilica Concrete Overlay	BDE Special Provision 80475
GBSP30	Bridge Deck Latex Concrete Overlay	BDE Special Provision 80475
GBSP31	Bridge Deck High-Reactivity Metakaolin (HRM) Conc Overlay	BDE Special Provision 80475
GBSP51	Pipe Underdrain for Structures	SSRBC 601
GBSP53	Structural Repair of Concrete	BDE Special Provision 80480
GBSP56	Setting Piles in Rock	SSRBC 512
GBSP72	Bridge Deck Fly Ash or GGBF Slag Concrete Overlay	BDE Special Provision 80475
GBSP75	Bond Breaker for Prestressed Concrete Bulb-T Beams	SSRBC 504

MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES

Effective: October 4, 2016

Revised: March 1, 2019

Description. This work shall consist of furnishing and placing a membrane waterproofing system on the top slab and sidewalls, or portions thereof, for buried structures as detailed on the contract plans.

All membrane waterproofing systems shall be supplied by qualified producers. The Department will maintain a list of qualified producers.

Materials. The materials used in the waterproofing system shall consist of the following.

- (a) Cold-applied, self-adhering rubberized asphalt/polyethylene membrane sheet with the following properties:

Physical Properties	
Thickness ASTM D 1777 or D 3767	60 mils (1.500 mm) min.
Width	36 inches (914 mm) min.
Tensile Strength, Film ASTM D 882	5000 lb./in ² (34.5 MPa) min.
Pliability [180° bend over 1" inch (25 mm) mandrel @ -20 °F (-29 °C)] ASTM D 146 (Modified) or D1970	No Effect
Puncture Resistance-Membrane ASTM E 154	40 lb. (178 N) min.
Permeability (Perms) ASTM E 96, Method B	0.1 max.
Water Absorption (% by Weight) ASTM D 570	0.2 max.
Peel Strength ASTM D 903	9 lb./in (1576 N/m) min.

- (b) Ancillary Materials: Adhesives, Conditioners, Primers, Mastic, Two-Part Liquid Membranes, and Sealing Tapes as required by the manufacturer of the membrane and film for use with the respective membrane waterproofing system.

Construction. The areas requiring waterproofing shall be prepared and the waterproofing shall be installed in accordance with the manufacturer's instructions. The Contractor shall not install any part of a membrane waterproofing system in wet conditions, or if the ambient or concrete surface temperature is below 40° (4° C), unless allowed by the Engineer.

Surfaces to be waterproofed shall be smooth and free from projections which might damage the membrane sheet. Projections or depressions on the surface that may cause damage to the membrane shall be removed or filled as directed by the Engineer. The surface shall be power washed and cleaned of dust, dirt, grease, and loose particles, and shall be dry before the waterproofing is applied.

The Contractor shall uniformly apply primer to the entire area to be waterproofed, at the rate stated in the manufacturer's instructions, by brush, or roller. The Contractor shall brush out primer that tends to puddle in low spots to allow complete drying. The primer shall be cured according to the manufacturer's instructions. Primed areas shall not stand uncovered overnight. If membrane sheets are not placed over primer within the time recommended by the manufacturer, the Contractor shall recoat the surfaces at no additional cost to the Department.

The installation of the membrane sheet to primed surfaces shall be such that all joints are shingled to shed water by commencing from the lowest elevation of the buried structure's top slab and progress towards the highest elevation. The membrane sheets shall be overlapped as required by the manufacturer. The Contractor shall seal with mastic any laps that were not thoroughly sealed. The membrane shall be smooth and free of wrinkles and there shall be no depressions in horizontal surfaces of the finished waterproofing. After placement, exposed edges of membrane sheets shall be sealed with a troweled bead of a manufacturer's recommended mastic, or two-part liquid membrane, or with sealing tape.

Sealing bands at joints between precast segments shall be installed prior to the waterproofing system being applied. Where the waterproofing system and sealing band overlap, the installation shall be planned such that water will not be trapped or directed underneath the membrane or sealing band.

Care shall be taken to protect and to prevent damage to the waterproofing system prior to and during backfilling operations. The waterproofing system shall be removed as required for the installation of slab mounted guardrails and other appurtenances. After the installation is complete, the system shall be repaired and sealed against water intrusion according to the manufacturer's instructions and to the satisfaction of the Engineer.

Replace the last paragraph of Article 540.06 Precast Concrete Box Culverts and replace with:

Handling holes shall be filled with a polyethylene plug. The plug shall not project beyond the inside surface after installation nor project above the outside surface to the extent that may cause damage to the membrane. When metal lifting inserts are used, their sockets shall be filled with mastic or mortar compatible with the membrane.

Method of Measurement. The waterproofing system will be measured in place, in square yards (square meters) of the concrete surface to be waterproofed.

Basis of Payment. This work will be paid for at the contract unit price, per square yard (square meter) for MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES.

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

SPECIAL PROVISION
FOR
INSURANCE

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

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

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

Champaign County Highway Department

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

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

SPECIAL PROVISION
FOR
EQUIPMENT RENTAL RATES

Effective: January 1, 2012

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

Replace Article 109.04(b)(4) with the following:

- "(4) Equipment. For any machinery or special equipment (other than small tools) the use of which has been authorized by the Engineer, the Contractor will be paid according to the latest revision of "SCHEDULE OF AVERAGE ANNUAL EQUIPMENT OWNERSHIP EXPENSE" and latest index factor as issued by the Illinois Department of Transportation. The equipment should be of a type and size reasonably required to complete the extra work."

COOPERATION BETWEEN CONTRACTORS

Eff. 01-01-2024

There is a possibility that other Contractor's operations may be ongoing within the proposed project limit at the same time as the work included in this contract is being performed. The Contractor for this section shall cooperate with any other Contractors performing work adjacent to this project in accordance with Article 105.08 of the Standard Specifications. Any inconveniences or delays caused the Contractor in complying with this requirement shall be considered incidental to the contract and no additional compensation will be allowed.

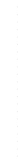
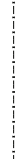
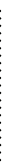
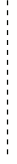
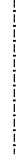
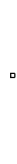
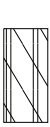
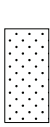
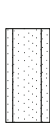
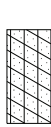
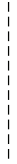
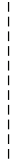
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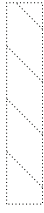
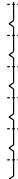
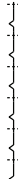
ABV	ABOVE	CUBIC YARD	HATCH	HATCHING	PM	PAVEMENT MARKING	STD	STANDARD
A/C	ACCESS CONTROL	CULVERT	HD	HEAD	PED	PEDESTAL	SBI	STATE BOND ISSUE
AC	ACRE	C&G	HDW	HEADWALL	PNT	POINT	SR	STATE ROUTE
ADJ	ADJUST	D	HDUTY	HEAVY DUTY	PC	POINT OF CURVATURE	STA	STATION
AS	AERIAL SURVEYS	DC	ha	HECTARE	PI	POINT OF INTERSECTION OF HORIZONTAL CURVE	SPBGR	STEEL PLATE BEAM GUARDRAIL
AGG	AGGREGATE	DET	HMA	HOT MIX ASPHALT	PRC	POINT OF REVERSE CURVE	SS	STORM SEWER
AH	AHEAD	DIA	HWDY	HIGHWAY	PT	POINT OF TANGENCY	STY	STORY
APT	APARTMENT	DIST	HORIZ	HORIZONTAL	POT	POINT ON TANGENT	STR	STRUCTURE
ASPH	ASPHALT	DOM	HSE	HOUSE	POLYETH	POLYETHYLENE	9	SUPERELEVATION RATE
AUX	AUXILIARY	DBL	IL	ILLINOIS	PCC	PORTLAND CEMENT CONCRETE	S.E. RUN	SUPERELEVATION RUNOFF LENGTH
AGS	AUXILIARY GAS VALVE (SERVICE)	DSEL	IMP	IMPROVEMENT	PP	POWER POLE OR PRINCIPAL POINT	SRF	SURFACE
AVE	AVENUE	DSFL	IN DIA	INCH DIAMETER	PRM	PRIME	T	TANGENT DISTANCE
AX	AXIS OF ROTATION	DI	INST	INSTALLATION	PE	PRIVATE ENTRANCE	T.R.	TANGENT RUNOUT DISTANCE
BACK	BACK TO BACK	DRV	IDS	INTERSECTION DESIGN STUDY	PGL	PROFILE	TEL	TELEPHONE
B-B	BACKLAP	DUCT	INV	INVERT	PROJ	PROJECT	TB	TELEPHONE BOX
BKPL	BKPL	EACH	IP	IRON PIPE	P.C.	PROPERTY CORNER	TP	TELEPHONE POLE
B	BARR	EA	IR	IRON ROD	PL	PROPOSED	TEMP	TEMPORARY
BL	BARRICADE	EB	IT	JOINT	PR	RADIUS OF RESIDENTIAL	TBM	TEMPORARY BENCH MARK
BL	BASELINE	EOP	kg	KILOGRAM	R	RAILROAD SPIKE	TD	TILE DRAIN
BGN	BEGIN	E-CL	km	KILOMETER	RRS	RAILROAD	TBE	TO BE EXTENDED
BM	BENCHMARK	E-CL	LN	LANE	RPS	REFERENCE POINT STAKE	TBR	TO BE REMOVED
BND	BINDER	ELEC	LT	LEFT	REF	REFLECTIVE	TBS	TO BE SAVED
BIT	BITUMINOUS	EL	LIDAR	LIGHT DETECTION AND RANGING	RCCP	REINFORCED CONCRETE CULVERT PIPE	TWP	TOWNSHIP
BTM	BOTTOM	ENTR	LP	LIGHT POLE	REIN	REINFORCEMENT	TR	TOWNSHIP ROAD
BRK	BRICK	EXC	LGT	LIGHTING	REM	REMOVAL	TSCB	TRAFFIC SIGNAL
BBOX	BUFFALO BOX	EXPWAY	LF	LINEAL FEET OR LINEAR FEET	RC	REMOVE CROWN	TSC	TRAFFIC SIGNAL CONTROL BOX
BLDG	BUILDING	E	L	LONG CHORD	REPL	REPLACEMENT	TRVS	TRANSVERSE
CATV	CABLE	F-F	LC	LONGITUDINAL	REST	RESTAURANT	TRVL	TRAVEL
CB	CATCH BASIN	FA	LNG	LUMP SUM	RESURF	RETAINING	TV	TURN
C-C	CATCH CENTER	FAL	L	LUMP SUM	RET	RIGHT-OF-WAY	T.A	TYPE A
CL	CENTERLINE OR CLEARANCE	FAP	MACH	MACHINE	RT	RIGHT-OF-WAY	TYP	TYPICAL
CL-E	CENTERLINE TO EDGE	FAS	MB	MAIL BOX	ROW	ROAD	UNDGND	UNDERGROUND
CL-F	CENTERLINE TO FACE	FAUS	MH	MANHOLE	RDWY	ROADWAY	USGS	U.S. GEOLOGICAL SURVEY
CTS	CENTERS	FP	MATL	MATERIAL	RTE	ROUTE	USEL	UPSTREAM ELEVATION
CERT	CERTIFIED	OPT	MED	MEDIAN	SANS	SANITARY SEWER	USFL	UPSTREAM FLOWLINE
CHSLD	CHESELED	FE	METH	METHOD	SEC	SECTION	UTL	UTILITY
CS	CITY STREET	FL	M	MID-ORDINATE	SEED	SEEDING	VBOX	VALVE BOX
CP	CLAY PIPE	FL	mm	MILLIMETER	S	SHAPING	VLT	VAULT
CLSD	CLOSED	FDN	mm DIA	MILLIMETER DIAMETER	SH	SHEET	VEH	VEHICLE
CLD	CLOSED LID	FR	MIX	MIXTURE	SHLD	SHOULDER	VP	VENT PIPE
CT	COAT OR COURT	F&G	MBH	MOBILE HOME	SW	SIGNAL	VERT	VERTICAL
COMB	COMBINATION	FRWAY	MOD	MODIFIED	SIG	SIGNAL	VPC	VERTICAL CURVE
C	COMMERCIAL BUILDING	GAL	N & BC	NAIL & BOTTLE CAP	SOD	SODDING	VPI	VERTICAL POINT OF CURVATURE
CE	COMMERCIAL ENTRANCE	GALV	N & C	NAIL & CAP	SM	SOLID MEDIAN	VPT	VERTICAL POINT OF INTERSECTION
CONC	CONCRETE	G	N & W	NAIL & WASHER	SB	SOUTHBOUND	WM	WATER METER
CONST	CONSTRUCT	GM	NC	NORMAL CROWN	SE	SOUTHEAST	WV	WATER VALVE
CONTD	CONTINUED	GV	NE	NORTHBOUND	SPL	SPECIAL	WMAIN	WATER MAIN
CONIT	CONTINUOUS	GIS	NW	NORTHWEST	SD	SPECIAL DITCH	WB	WESTBOUND
COR	CORNER	CORR	O/S	OFFSET	SQ FT	SQUARE FEET	WDLFL	WILDFLOWERS
CORR	CORRUGATED	GRAN	O&C	OIL AND CHIP	m ²	SQUARE METER	W	WITH
CMP	CORRUGATED METAL PIPE	GRV	OLID	OPEN LID	mm ²	SQUARE MILLIMETER	WO	WITHOUT
CNTY	COUNTY	GND	PAT	PATTERN	SQ YD	SQUARE YARD		
CH	COUNTY HIGHWAY	GUT	PVD	PAVED	STB	STABILIZED		
CSE	COURSE	GUY	PVMT	PAVEMENT				
XSECT	CROSS SECTION	GW						
m ³	CUBIC METER	HH						
mm ³	CUBIC MILLIMETER							

STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS		STANDARD 000001-08	
DATE	REVISIONS		
1-1-21	Updated fonts, abbreviations, and symbols.		
1-1-19	Added new symbols.		

(Sheet 1 of 9)

 Illinois Department of Transportation PREPARED BY <i>[Signature]</i> January 1, 2021 ENGINEER OF POLICY AND PROCEDURES APPROVED <i>[Signature]</i> January 1, 2021 ENGINEER OF DESIGN AND ENVIRONMENT		ISSUED 1-1-07
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<u>EROSION & SEDIMENT CONTROL ITEMS</u>		<u>NON-HIGHWAY IMPROVEMENT ITEMS</u>		<u>EXISTING LANDSCAPING ITEMS</u> (contd.)	
<u>EX</u>	<u>PR</u>			<u>EX</u>	<u>PR</u>
Cleaning & Grading Limits		Noise Attr./Levee		Seeding Class 5	
Dike		Field Line		Seeding Class 7	
Erosion Control Fence		Fence		Seedlings Type 1	
Perimeter Erosion Barrier		Base of Levee		Seedlings Type 2	
Temporary Fence		Mailbox		Sodding	
Ditch Check Temporary		Multiple Mailboxes		Mowstake w/Sign	
Ditch Check Permanent		Pay Telephone		Tree Trunk Protection	
Inlet & Pipe Protection		Advertising Sign		Evergreen Tree	
Sediment Basin		*ITS Camera		Shade Tree	
Erosion Control Blanket		Wind Turbine			
Fabric Formed Concrete Revetment Mat		Cellular Tower			
Turf Reinforcement Mat		*Intelligent Transportation Systems			
Mulch Temporary		<u>LANDSCAPING ITEMS</u>	<u>EX</u>	<u>EX</u>	<u>PR</u>
Mulch Method 1		Contour Mounding Line			
Mulch Method 2 Stabilized		Fence		Duct	
Mulch Method 3 Hydraulic		Fence Post		Conduit	
		Shrubs		Electrical Aerial Cable	
		Mowline		Electrical Buried Cable	
		Perennial Plants		Controller	
		Seeding Class 2		Underpass Luminaire	
		Seeding Class 2A		Power Pole	
		Seeding Class 4			
		Seeding Class 4 & 5 Combined			
<u>CONTOUR ITEMS</u>		<u>CONTOUR ITEMS</u>		<u>STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS</u>	
<u>EX</u>	<u>PR</u>	<u>EX</u>	<u>PR</u>	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS (Sheet 3 of 9)	
Approx. Index Line		Approx. Index Line			
Approx. Intermediate Line		Approx. Intermediate Line			
Index Contour		Index Contour			
Intermediate Contour		Intermediate Contour		STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS (Sheet 3 of 9)	
ILLINOIS Department of Transportation		ILLINOIS Department of Transportation		STANDARD 000001-08	
APPROVED January 1, 2021		APPROVED January 1, 2021			
ENGINEER OF POLICY AND PROCEDURES		ENGINEER OF POLICY AND PROCEDURES			
APPROVED January 1, 2021		APPROVED January 1, 2021			
ENGINEER OF DESIGN AND ENVIRONMENT		ENGINEER OF DESIGN AND ENVIRONMENT			

<u>LIGHTING (contd.)</u>		<u>PAVEMENT MARKINGS</u>		<u>STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS</u>	
<u>EX</u>	<u>PR</u>	<u>EX</u>	<u>PR</u>	<u>EX</u>	<u>PR</u>
Pull Point			Handicap Symbol		
Handhole			RR Crossing		
Heavy Duty Handhole			Raised Marker Amber 1 Way		
Junction Box			Raised Marker Amber 2 Way		
Light Unit Comb.			Raised Marker Crystal 1 Way		
Electrical Ground			Two Way Turn Left		
Traffic Flow Arrow			Shoulder Diag. Pattern		
High Mast Pole (Half Size)			Skip-Dash White		
Light Unit-1			Skip-Dash Yellow		
<u>PAVEMENT (MISC.)</u>		<u>PAVEMENT (MISC.)</u>		<u>PAVEMENT (MISC.)</u>	
Keyed Long. Joint			Stop Line		
Keyed Long. Joint w/Tie Bars			Solid Line		
Sawed Long. Joint w/Tie Bars			Double Centerline		
Blurnious Shoulder			Dotted Lines		
Blurnious Taper			STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS (Sheet 4 of 9)		
Stabilized Driveway					
Widening			STANDARD 000001-08		

PAVEMENT MARKINGS (contd.)		RAILROAD ITEMS	
EX	PR	EX	PR
CL 2Ln 2Way RRPW 12.2 m (40') o.c.		Abandoned Railroad 	
CL 2Ln 2Way RRPW 80' (24.4 m) o.c.		Railroad 	
CL Multilane Div. RRPW 40' (12.2 m) o.c.		Railroad Point 	
CL Multilane Div. RRPW 80' (24.4 m) o.c.		Control Box 	
CL Multilane Div. Dbl. RRPW 80' (24.4 m) o.c.		Crossing Gate 	
CL Multilane Undiv.		Flashing Signal 	
Two Way Turn Left Line		Railroad Cant. Mast Arm 	
Urban Combination Left		Crossbuck 	
Urban Combination Right		REMOVAL ITEMS	
Urban Left Turn Arrow		Removal Tlc 	
Urban Right Turn Arrow		Blutinous Removal 	
Urban Left Turn Only		Hatch Pattern 	
Urban Right Turn Only		Tree Removal Single 	
Urban Thru Only		RIGHT OF WAY ITEMS	
		Future ROW Corner Monument 	
		ROW Marker 	
		ROW Line 	
		Easement 	
		Temporary Easement 	
STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS		STANDARD 000001-08	

PAVEMENT MARKINGS
(contd.)

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

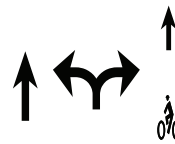
Lane Drop Symbol

EX



ONLY ONLY ONLY

PR



LANE
Bike



**STANDARD SYMBOLS,
ABBREVIATIONS,
AND PATTERNS**

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STANDARD 000001-08

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Wrong Way Arrow



RIGHT OF WAY ITEMS (contd.)		EX	PR
Access Control Line			
Access Control Line & ROW			
Access Control Line & ROW with Fence			
Excess ROW Line			
ROADWAY PLAN ITEMS		EX	PR
Cable Barrier			
Concrete Barrier			
Edge of Pavement			
Bit Shoulders, Medians and C&G Line			
Aggregate Shoulder			
Sidewalks, Driveways			
Guardrail			
Guardrail Post			
Traffic Sign			
Corrugated Median			
Impact Attenuator			
North Arrow with District Office (Half Size)			
Match Line			
Slope Limit Line			
Typical Cross-Section Line			
STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS		STANDARD 000001-08	

SIGNING ITEMS (contd.)		STRUCTURES ITEMS		TRAFFIC SHEET ITEMS	
EX	PR	EX	PR	EX	PR
One Way Arrow Lrg. W1-6-(O) (Half Size)					
Two Way Arrow Large W1-7-(O) (Half Size)					
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 R3-100L (Half Size)					
Keep Left R4-7AL (Half Size)					
Keep Left R4-7BL (Half Size)					
Keep Right R4-7AR (Half Size)					
Keep Right R4-7BR (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 R11-2 (Half Size)					
APPROVED January 1, 2021 ENGINEER OF POLICY AND PROCEDURES APPROVED January 1, 2021 ENGINEER OF DESIGN AND ENVIRONMENT		ILLINOIS Department of Transportation		STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS	
ISSUED 1-1-97				(Sheet 8 of 9)	
				STANDARD 000001-08	

TRAFFIC SIGNAL ITEMS (contd.)		UNDERGROUND UTILITY ITEMS		ABANDONED		UTILITY ITEMS (contd.)	
EX	PR	EX	PR	EX	PR	EX	PR
		UTILITIES ITEMS					

ILLINOIS Department of Transportation

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STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS

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DECIMAL OF AN INCH AND OF A FOOT

A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B
0.0052	$\frac{1}{16}$	0.171875	$\frac{2}{16}$	0.3385	$\frac{4}{16}$	0.5052	$\frac{6}{16}$	0.671875	$\frac{8}{16}$	0.8385	$\frac{10}{16}$	1.0052	$\frac{12}{16}$	1.171875	$\frac{14}{16}$	1.3385	$\frac{16}{16}$	1.5052	$\frac{18}{16}$
0.0104	$\frac{2}{16}$	0.1823	$\frac{2}{16}$	0.3490	$\frac{4}{16}$	0.515625	$\frac{6}{16}$	0.6823	$\frac{8}{16}$	0.8490	$\frac{10}{16}$	1.015625	$\frac{12}{16}$	1.1823	$\frac{14}{16}$	1.3490	$\frac{16}{16}$	1.515625	$\frac{18}{16}$
0.015625	$\frac{3}{16}$	0.1927	$\frac{2}{16}$	0.359375	$\frac{4}{16}$	0.5260	$\frac{6}{16}$	0.6927	$\frac{8}{16}$	0.859375	$\frac{10}{16}$	1.0260	$\frac{12}{16}$	1.1927	$\frac{14}{16}$	1.359375	$\frac{16}{16}$	1.5260	$\frac{18}{16}$
0.0208	$\frac{4}{16}$	0.203125	$\frac{2}{16}$	0.3698	$\frac{4}{16}$	0.5365	$\frac{6}{16}$	0.703125	$\frac{8}{16}$	0.8698	$\frac{10}{16}$	1.0365	$\frac{12}{16}$	1.203125	$\frac{14}{16}$	1.3698	$\frac{16}{16}$	1.5365	$\frac{18}{16}$
0.0260	$\frac{5}{16}$	0.2135	$\frac{2}{16}$	0.3802	$\frac{4}{16}$	0.546875	$\frac{6}{16}$	0.7135	$\frac{8}{16}$	0.8802	$\frac{10}{16}$	1.046875	$\frac{12}{16}$	1.2135	$\frac{14}{16}$	1.3802	$\frac{16}{16}$	1.546875	$\frac{18}{16}$
0.03125	$\frac{6}{16}$	0.21875	$\frac{2}{16}$	0.3854	$\frac{4}{16}$	0.5521	$\frac{6}{16}$	0.71875	$\frac{8}{16}$	0.8854	$\frac{10}{16}$	1.0521	$\frac{12}{16}$	1.21875	$\frac{14}{16}$	1.3854	$\frac{16}{16}$	1.5521	$\frac{18}{16}$
0.0365	$\frac{7}{16}$	0.2240	$\frac{2}{16}$	0.390625	$\frac{4}{16}$	0.5573	$\frac{6}{16}$	0.7240	$\frac{8}{16}$	0.890625	$\frac{10}{16}$	1.0573	$\frac{12}{16}$	1.2240	$\frac{14}{16}$	1.390625	$\frac{16}{16}$	1.5573	$\frac{18}{16}$
0.0417	$\frac{8}{16}$	0.2292	$\frac{2}{16}$	0.3958	$\frac{4}{16}$	0.5625	$\frac{6}{16}$	0.7292	$\frac{8}{16}$	0.8958	$\frac{10}{16}$	1.0625	$\frac{12}{16}$	1.2292	$\frac{14}{16}$	1.3958	$\frac{16}{16}$	1.5625	$\frac{18}{16}$
0.046875	$\frac{9}{16}$	0.234375	$\frac{2}{16}$	0.4010	$\frac{4}{16}$	0.5677	$\frac{6}{16}$	0.734375	$\frac{8}{16}$	0.9010	$\frac{10}{16}$	1.0677	$\frac{12}{16}$	1.234375	$\frac{14}{16}$	1.4010	$\frac{16}{16}$	1.5677	$\frac{18}{16}$
0.0521	$\frac{10}{16}$	0.2396	$\frac{2}{16}$	0.40625	$\frac{4}{16}$	0.5729	$\frac{6}{16}$	0.7396	$\frac{8}{16}$	0.90625	$\frac{10}{16}$	1.0729	$\frac{12}{16}$	1.2396	$\frac{14}{16}$	1.40625	$\frac{16}{16}$	1.5729	$\frac{18}{16}$
0.0573	$\frac{11}{16}$	0.2448	$\frac{2}{16}$	0.4115	$\frac{4}{16}$	0.578125	$\frac{6}{16}$	0.7448	$\frac{8}{16}$	0.9115	$\frac{10}{16}$	1.078125	$\frac{12}{16}$	1.2448	$\frac{14}{16}$	1.4115	$\frac{16}{16}$	1.578125	$\frac{18}{16}$
0.0625	$\frac{12}{16}$	0.2500	$\frac{2}{16}$	0.4167	$\frac{4}{16}$	0.5833	$\frac{6}{16}$	0.7500	$\frac{8}{16}$	0.9167	$\frac{10}{16}$	1.0833	$\frac{12}{16}$	1.2500	$\frac{14}{16}$	1.4167	$\frac{16}{16}$	1.5833	$\frac{18}{16}$
0.0677	$\frac{13}{16}$	0.2552	$\frac{2}{16}$	0.421875	$\frac{4}{16}$	0.5885	$\frac{6}{16}$	0.7552	$\frac{8}{16}$	0.921875	$\frac{10}{16}$	1.0885	$\frac{12}{16}$	1.2552	$\frac{14}{16}$	1.421875	$\frac{16}{16}$	1.5885	$\frac{18}{16}$
0.0729	$\frac{14}{16}$	0.2604	$\frac{2}{16}$	0.4271	$\frac{4}{16}$	0.59375	$\frac{6}{16}$	0.7604	$\frac{8}{16}$	0.9271	$\frac{10}{16}$	1.09375	$\frac{12}{16}$	1.2604	$\frac{14}{16}$	1.4271	$\frac{16}{16}$	1.59375	$\frac{18}{16}$
0.078125	$\frac{15}{16}$	0.265625	$\frac{2}{16}$	0.4323	$\frac{4}{16}$	0.5990	$\frac{6}{16}$	0.765625	$\frac{8}{16}$	0.9323	$\frac{10}{16}$	1.0990	$\frac{12}{16}$	1.265625	$\frac{14}{16}$	1.4323	$\frac{16}{16}$	1.5990	$\frac{18}{16}$
0.0833	1	0.2708	$\frac{2}{16}$	0.4375	$\frac{4}{16}$	0.6042	$\frac{6}{16}$	0.7708	$\frac{8}{16}$	0.9375	$\frac{10}{16}$	1.1042	$\frac{12}{16}$	1.2708	$\frac{14}{16}$	1.4375	$\frac{16}{16}$	1.6042	$\frac{18}{16}$
0.0885	$\frac{1}{8}$	0.2760	$\frac{3}{16}$	0.4427	$\frac{4}{16}$	0.609375	$\frac{6}{16}$	0.7760	$\frac{8}{16}$	0.9427	$\frac{10}{16}$	1.109375	$\frac{12}{16}$	1.2760	$\frac{14}{16}$	1.4427	$\frac{16}{16}$	1.609375	$\frac{18}{16}$
0.09375	$\frac{1}{4}$	0.28125	$\frac{3}{16}$	0.4479	$\frac{4}{16}$	0.6146	$\frac{6}{16}$	0.78125	$\frac{8}{16}$	0.9479	$\frac{10}{16}$	1.1146	$\frac{12}{16}$	1.28125	$\frac{14}{16}$	1.4479	$\frac{16}{16}$	1.6146	$\frac{18}{16}$
0.0990	$\frac{3}{8}$	0.2865	$\frac{3}{16}$	0.453125	$\frac{4}{16}$	0.6198	$\frac{6}{16}$	0.7865	$\frac{8}{16}$	0.953125	$\frac{10}{16}$	1.1198	$\frac{12}{16}$	1.2865	$\frac{14}{16}$	1.453125	$\frac{16}{16}$	1.6198	$\frac{18}{16}$
0.1042	$\frac{1}{2}$	0.2917	$\frac{3}{16}$	0.4583	$\frac{4}{16}$	0.6250	$\frac{6}{16}$	0.7917	$\frac{8}{16}$	0.9583	$\frac{10}{16}$	1.1250	$\frac{12}{16}$	1.2917	$\frac{14}{16}$	1.4583	$\frac{16}{16}$	1.6250	$\frac{18}{16}$
0.109375	$\frac{5}{8}$	0.296875	$\frac{3}{16}$	0.4635	$\frac{4}{16}$	0.6302	$\frac{6}{16}$	0.796875	$\frac{8}{16}$	0.9635	$\frac{10}{16}$	1.1302	$\frac{12}{16}$	1.296875	$\frac{14}{16}$	1.4635	$\frac{16}{16}$	1.6302	$\frac{18}{16}$
0.1146	$\frac{3}{4}$	0.3021	$\frac{3}{16}$	0.46875	$\frac{4}{16}$	0.6354	$\frac{6}{16}$	0.8021	$\frac{8}{16}$	0.96875	$\frac{10}{16}$	1.1354	$\frac{12}{16}$	1.3021	$\frac{14}{16}$	1.46875	$\frac{16}{16}$	1.6354	$\frac{18}{16}$
0.1198	$\frac{7}{8}$	0.3073	$\frac{3}{16}$	0.4740	$\frac{4}{16}$	0.640625	$\frac{6}{16}$	0.8073	$\frac{8}{16}$	0.9740	$\frac{10}{16}$	1.140625	$\frac{12}{16}$	1.3073	$\frac{14}{16}$	1.4740	$\frac{16}{16}$	1.640625	$\frac{18}{16}$
0.1250	1	0.3125	$\frac{3}{16}$	0.4792	$\frac{4}{16}$	0.6458	$\frac{6}{16}$	0.8125	$\frac{8}{16}$	0.9792	$\frac{10}{16}$	1.1458	$\frac{12}{16}$	1.3125	$\frac{14}{16}$	1.4792	$\frac{16}{16}$	1.6458	$\frac{18}{16}$
0.1302	$\frac{1}{8}$	0.3177	$\frac{3}{16}$	0.484375	$\frac{4}{16}$	0.6510	$\frac{6}{16}$	0.8177	$\frac{8}{16}$	0.984375	$\frac{10}{16}$	1.1502	$\frac{12}{16}$	1.3177	$\frac{14}{16}$	1.484375	$\frac{16}{16}$	1.6510	$\frac{18}{16}$
0.1354	$\frac{1}{4}$	0.3229	$\frac{3}{16}$	0.4896	$\frac{4}{16}$	0.65625	$\frac{6}{16}$	0.8229	$\frac{8}{16}$	0.9896	$\frac{10}{16}$	1.1554	$\frac{12}{16}$	1.3229	$\frac{14}{16}$	1.4896	$\frac{16}{16}$	1.65625	$\frac{18}{16}$
0.140625	$\frac{3}{8}$	0.328125	$\frac{3}{16}$	0.4948	$\frac{4}{16}$	0.6615	$\frac{6}{16}$	0.828125	$\frac{8}{16}$	0.9948	$\frac{10}{16}$	1.160625	$\frac{12}{16}$	1.328125	$\frac{14}{16}$	1.4948	$\frac{16}{16}$	1.6615	$\frac{18}{16}$
0.1458	$\frac{1}{2}$	0.3333	$\frac{3}{16}$	0.5000	$\frac{4}{16}$	0.6667	$\frac{6}{16}$	0.8333	$\frac{8}{16}$	1.0000	$\frac{10}{16}$	1.1667	$\frac{12}{16}$	1.3333	$\frac{14}{16}$	1.5000	$\frac{16}{16}$	1.6667	$\frac{18}{16}$

A = Fractions of Inch or Foot

B = Inch Equivalents to Foot Fractions

DECIMAL OF AN INCH AND OF A FOOT

DATE	REVISIONS
1-1-97	New Standard.

STANDARD 001006

Illinois Department of Transportation

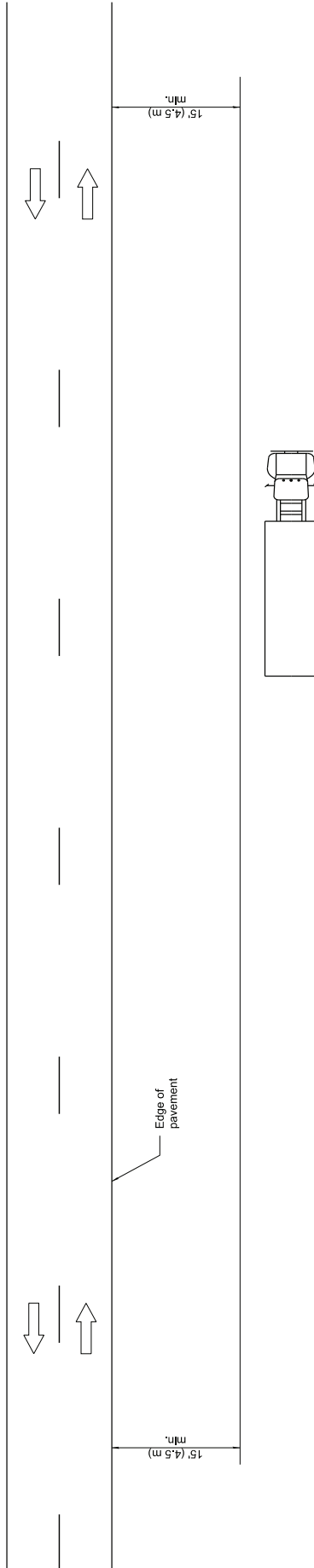
APPROVED January 1, 1997

ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 1997

ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97



TYPICAL APPLICATIONS

- Landscaping work
- Utility work
- Fencing contracts and maintenance
- Cleaning culverts

GENERAL NOTES

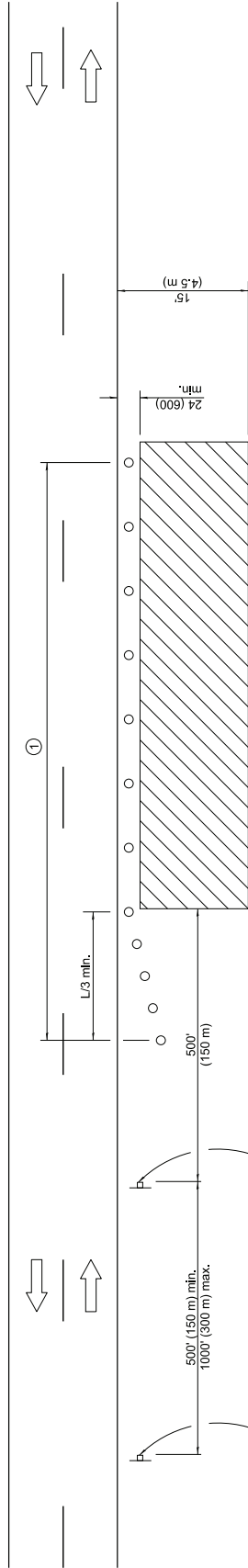
This Standard is used where at all times all vehicles, equipment, workers or their activities are more than 15' (4.5 m) from the edge of pavement.

When the work operation requires that two or more work vehicles cross the 15' (4.5 m) clear zone in any one hour, traffic control shall be according to Standard 701006.

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

DATE	REVISIONS	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY
1-1-09	Switched units to English (metric).	
1-1-05	Revised title and notes.	
		STANDARD 701001-02

Illinois Department of Transportation APPROVED <u>January 1, 2009</u> ENGINEER OF OPERATIONS APPROVED <u>January 1, 2009</u> ENGINEER OF DESIGN AND ENVIRONMENT		ISSUED 1-1-07
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For contract construction projects

For maintenance and utility projects

TYPICAL APPLICATIONS

- Utility operations
- Culvert extensions
- Site slope changes
- Guardrail installation and maintenance
- Delineator installation
- Landscaping operations
- Shoulder repair
- Sign installation and maintenance

SYMBOLS

- Work area
- Sign
- Cone, drum or barricade

GENERAL NOTES

This Standard is used where any vehicles, equipment, workers or their activities will encroach in the area 15' (4.5 m) to 24' (600) from the edge of pavement.

Calculate L as follows:

SPEED LIMIT

FORMULAS

English (Metric)

$L = \frac{WS^2}{60}$
 $L = \frac{WS^2}{150}$

40 mph (70 km/h) or less:

45 mph (80 km/h) or greater:

W = Width of offset in feet (meters).

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

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

OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE

STANDARD 701006-05

DATE	REVISIONS
1-1-14	Revised workers sign number to agree with current MUTCD.
1-1-13	Omitted text "WORKERS" sign.

Illinois Department of Transportation

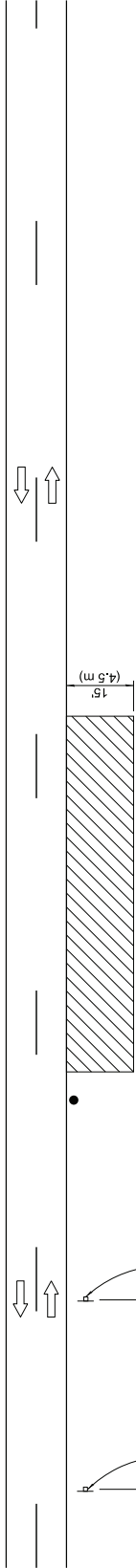
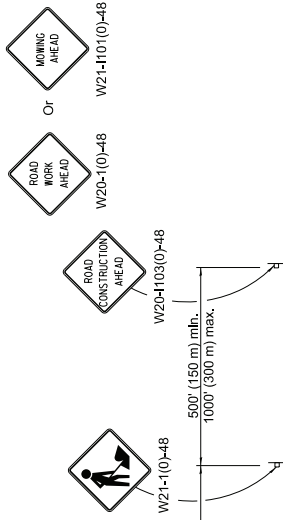
APPROVED January 1, 2014

ENGINEER OF SAFETY ENGINEERING

APPROVED January 1, 2014

ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-07



TYPICAL APPLICATIONS

Shoulder work
Utility operations

For contract
construction
projects

For
maintenance
and utility
projects

GENERAL NOTES

This Standard is used where at any time, any vehicle, equipment, workers or their activities require an intermittent or continuous moving operation on the shoulder, where the average speed is 1 mph (2 km/h) or less.

When the work operation does not exceed 60 minutes, traffic control may be according to Standard 701301.

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

- ① Minimum distance is 200' (60 m). Maximum distance to be determined by the Engineer but should not exceed $\frac{1}{2}$ the length required for one normal working day's operation, or 4 miles (6.4 km) whichever is less.

SYMBOLS



Work area



Sign

- Flagger with traffic control sign when required

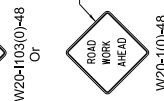
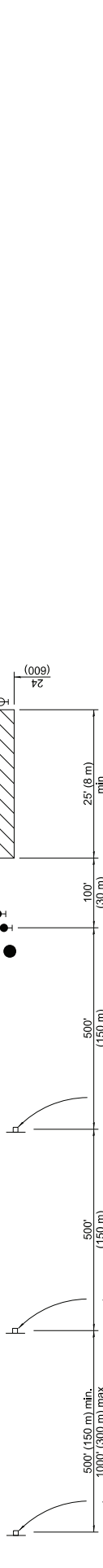
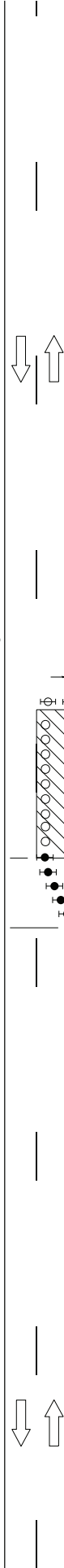
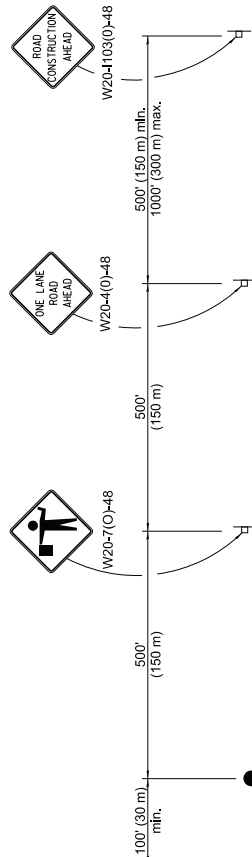
DATE	REVISIONS
1-1-14	Revised workers sign number to agree with current MUTCD.
1-1-13	Omitted text 'WORKERS' sign.

OFF-RD MOVING OPERATIONS 2L, 2W, DAY ONLY

STANDARD 701011-04

ILLINOIS Department of Transportation APPROVED _____ January 1, 2014 ENGINEER OF SAFETY ENGINEERING APPROVED _____ January 1, 2014 ENGINEER OF DESIGN AND ENVIRONMENT	ISSUED 1-1-07
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- ① Barricades or drums at 20' (6 m) centers in the taper.
- ② Cones at 25' (8 m) centers for the first 150' (45 m). Additional cones may be placed at 50' (15 m) centers. When barricades or drums are used, these intervals between devices may be doubled.



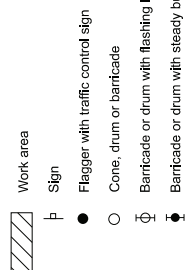
For maintenance and utility projects

For contract construction projects

TYPICAL APPLICATIONS

Isolated patch
Installation of drainage structure
Utility operations

SYMBOLS



GENERAL NOTES

This Standard is used where at any time any vehicle, equipment, workers or their activities will encroach in the area between the center line and a line 24 (600) from the edge of pavement for nighttime operation.

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

Revised device spacing in taper and added cones as an option.

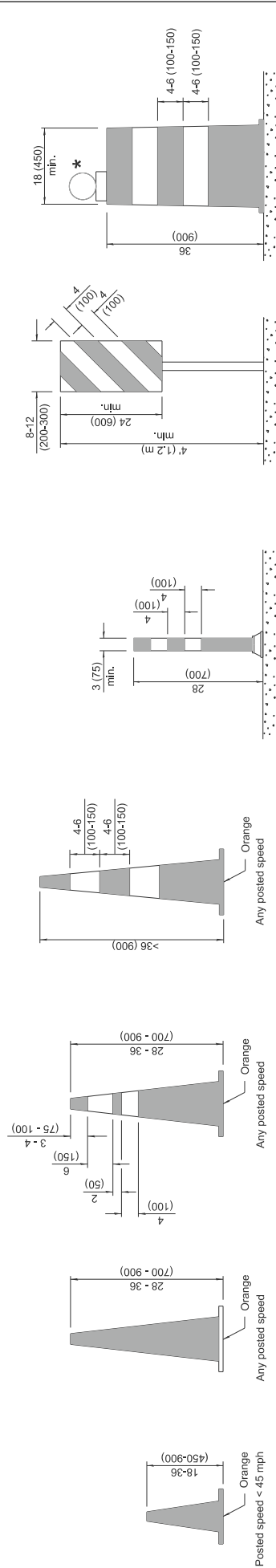
Omitted steady burning lights in tangent.

**LANE CLOSURE, 2L, 2W
NIGHT ONLY,
FOR SPEEDS ≥ 45 MPH**

STANDARD 701206-05

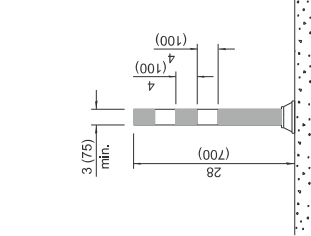
DATE	REVISIONS
1-1-19	Revised device spacing in taper and added cones as an option.
1-1-18	Omitted steady burning lights in tangent.

APPROVED January 1, 2019 ENGINEER OF SAFETY PROG. AND ENGINEERING APPROVED January 1, 2019 ENGINEER OF DESIGN AND ENVIRONMENT	ISSUED 1-1-97
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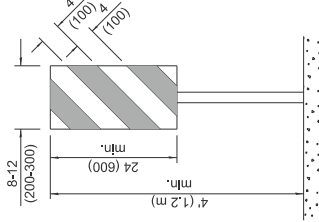


CONES

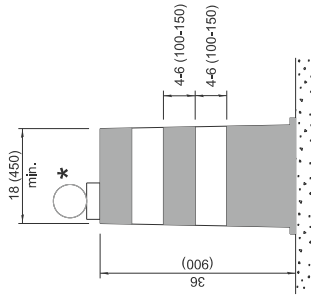
DAY OR NIGHTTIME USE



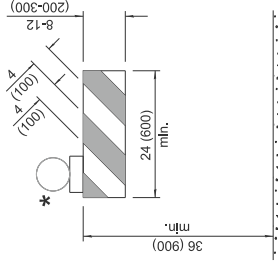
TUBULAR MARKER



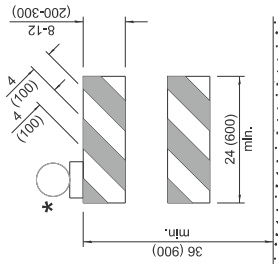
VERTICAL PANEL POST MOUNTED



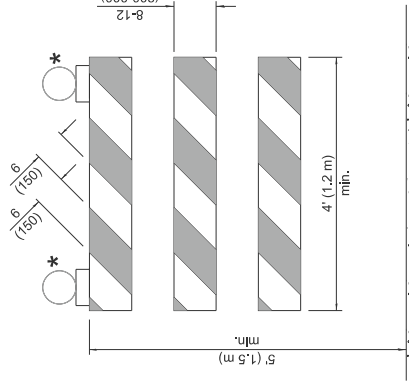
DRUM



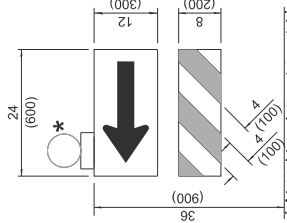
TYPE I BARRICADE



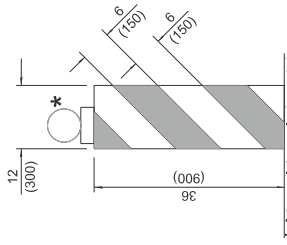
TYPE II BARRICADE



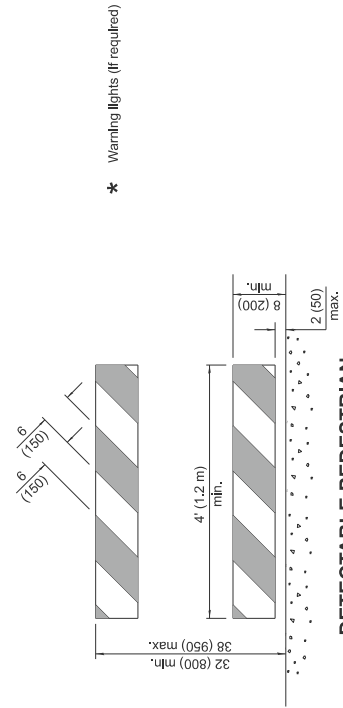
TYPE III BARRICADE



DIRECTION INDICATOR BARRICADE



VERTICAL BARRICADE



* Warning lights (if required)

GENERAL NOTES

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

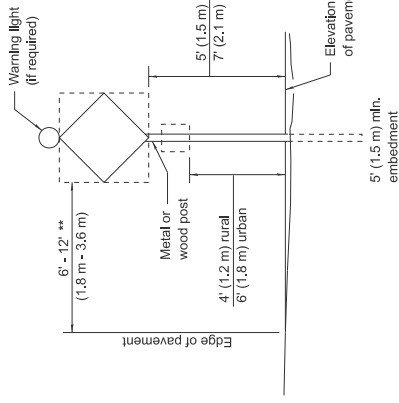
DATE	REVISIONS
1-1-26	Updated Detectable Pedestrian Channelizing Barricade (sht. 1) & Temporary Rumble Strips details (sht. 3)
1-1-25	Updated Temporary Rumble Strip Detail (sht. 3).

TRAFFIC CONTROL DEVICES

STANDARD 701901-11

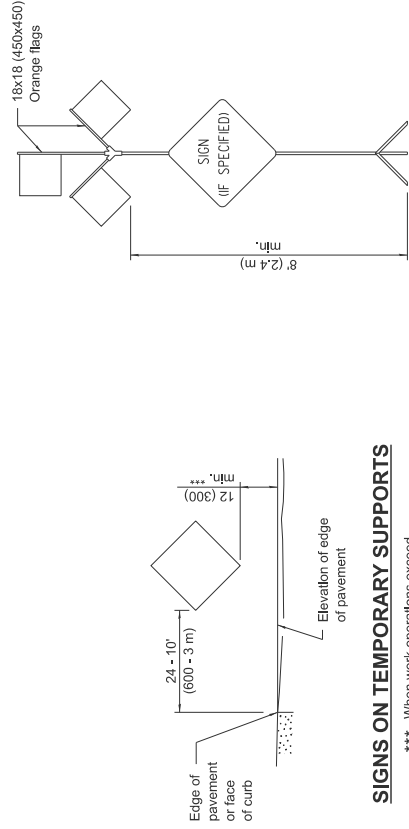
(Sheet 1 of 3)

Illinois Department of Transportation	ISSUED 1-1-13
APPROVED January 1, 2026	2026
ENGINEER OF SAFETY PROGS. AND ENGINEERING	2026
APPROVED January 1, 2026	2026
ENGINEER OF DESIGN AND ENVIRONMENT	2026



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

ROAD CONSTRUCTION NEXT X MILES
G20-1104(0)-6036

END CONSTRUCTION
G20-1105(0)-6024

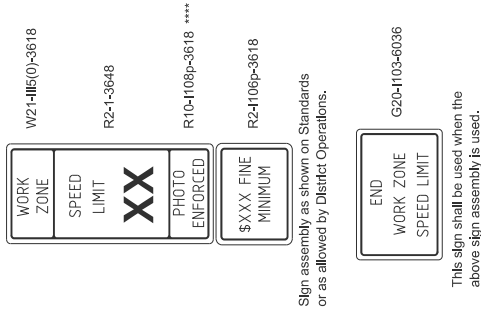
This signing is required for all projects 2 miles (3200 m) or more in length.

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



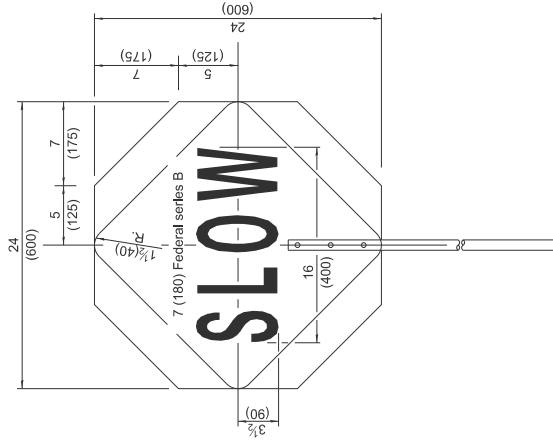
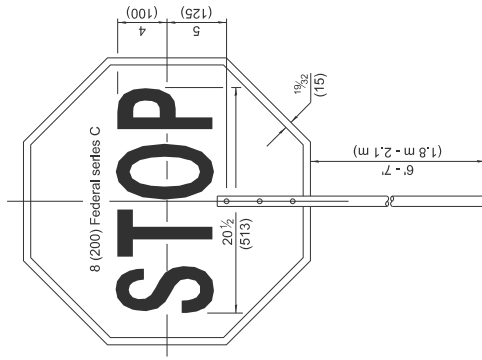
Sign assembly as shown on Standards or as allowed by District Operations.

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

W12-1103-4848

WIDTH RESTRICTION SIGN

XX-XX" width and X miles are variable.



REVERSE SIDE

FRONT SIDE

Illinois Department of Transportation

APPROVED January 1, 2026
ENGINEER OF SAFETY PROGS. AND ENGINEERING
APPROVED January 1, 2026
ENGINEER OF DESIGN AND ENVIRONMENT

FLAGGER TRAFFIC CONTROL SIGN

TRAFFIC CONTROL DEVICES

STANDARD 701901-11

(Sheet 2 of 3)

