



Illinois Department of Transportation

**Local Public Agency
Formal Contract Proposal**

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

STATE OF ILLINOIS

COUNTY OF Cook/Lake
Village of Buffalo Grove
(Name of City, Village, Town or Road District)

FOR THE IMPROVEMENT OF
 STREET NAME OR ROUTE NO. Various
 SECTION NO. 20-00000-03-GM
 TYPES OF FUNDS MFT

SPECIFICATIONS (required) PLANS (required)

For Municipal Projects
 Submitted/Approved/Passed

[Signature]

Mayor President of Board of Trustees Municipal Official

Date 2.11.20

Department of Transportation
 Released for bid based on limited review

 Regional Engineer

Date _____

For County and Road District Projects
 Submitted/Approved

 Highway Commissioner

Date _____

Submitted/Approved

 County Engineer/Superintendent of Highways

Date _____

[Signature]
 2-11-20
 Exp. 11-30-21

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

NOTICE TO BIDDERS

County Cook/Lake
 Local Public Agency V. of Buffalo Grove
 Section Number 20-00000-03-GM
 Route Various

Sealed proposals for the improvement described below will be received at the office of Village of Buffalo Grove,
Attn: Village Clerk, 50 Raupp Boulevard, Buffalo Grove, Illinois 60089 until 10:30 AM on February 27, 2020
 Address Time Date

Sealed proposals will be opened and read publicly at the office of Village of Buffalo Grove
Council Chambers, 50 Raupp Boulevard, Buffalo Grove, Illinois 60089 at 10:30 AM on February 27, 2020
 Address Time Date

DESCRIPTION OF WORK

Name 2020 Sidewalk Improvements Project Length: 0.00 feet (0.00 miles)
 Location Various Locations Within the Village Limits
 Proposed Improvement Concrete Sidewalk Removal and Replacement; Combination Curb and Gutter Removal and Replacement; and other associated improvements.

1. Plans and proposal forms will be available in the office of www.vbg.org/bids
Office of the Purchasing Manager - (847) 459-2500
 Address

2. Prequalification

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

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

4. The following BLR Forms shall be returned by the bidder to the Awarding Authority:

- a. BLR 12200: Local Public Agency Formal Contract Proposal
- b. BLR 12200a Schedule of Prices
- c. BLR 12230: Proposal Bid Bond (if applicable)
- d. BLR 12325: Apprenticeship or Training Program Certification (**do not use for federally funded projects**)
- e. BLR 12326: Affidavit of Illinois Business Office

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

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

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

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

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

PROPOSAL

County Cook/Lake
 Local Public Agency V. of Buffalo Grove
 Section Number 20-00000-03-GM
 Route Various

1. Proposal of _____

 for the improvement of the above section by the construction of Concrete Sidewalk Removal and Replacement;
Combination Curb and Gutter Removal and Replacement; and other associated improvements for

a total distance of 0.00 feet, of which a distance of 0.00 feet, (0.000 miles) are to be improved.

- 2. The plans for the proposed work are those prepared by Gewalt Hamilton Associates, Inc.
 and approved by the Department of Transportation on _____
- 3. The specifications referred to herein are those prepared by the Department of Transportation and designated as
 "Standard Specifications for Road and Bridge Construction" and the "Supplemental Specifications and Recurring Special
 Provisions" thereto, adopted and in effect on the date of invitation for bids.
- 4. The undersigned agrees to accept, as part of the contract, the applicable Special Provisions indicated on the "Check
 Sheet for Recurring Special Provisions" contained in this proposal.
- 5. The undersigned agrees to complete the work ~~within _____ working days or by~~ 08/14/2020
 unless additional time is granted in accordance with the specifications.
- 6. A proposal guaranty in the proper amount, as specified in BLRS Special Provision for Bidding Requirements and
 Conditions for Contract Proposals, will be required. Bid Bonds will be allowed as a proposal guaranty. Accompanying this
 proposal is either a bid bond if allowed, on Department form BLR 12230 or a proposal guaranty check, complying with the
 specifications, made payable to:

Village _____ Treasurer of Buffalo Grove

 The amount of the check is Bid Bond (5% of Total Bid) (_____).

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



SCHEDULE OF PRICES

County Cook/Lake
 Local Public Agency V. of Buffalo Grove
 Section 20-00000-03-GM
 Route Various

Schedule for Single Bid

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

Bidder's Proposal for making Entire Improvements

| Item No. | Items | Unit | Quantity | Unit Price | Total |
|----------|--|------|----------|------------|-------|
| 20101200 | Tree Root Pruning | EA | 130.0 | | |
| 35101400 | Aggregate Base Course, Type B | TN | 120.0 | | |
| 42300200 | Portland Cement Concrete Driveway Pavement, 6 Inch | SY | 20.0 | | |
| 42400200 | Portland Cement Concrete Sidewalk 5 Inch | SF | 28,000.0 | | |
| 44000200 | Driveway Pavement Removal | SY | 110.0 | | |
| 44000500 | Combination Curb and Gutter Removal | FT | 150.0 | | |
| 44000600 | Sidewalk Removal | SF | 28,000.0 | | |
| 70102620 | Traffic Control and Protection, Standard 701501 | LS | 1.0 | | |
| 70102640 | Traffic Control and Protection, Standard 701801 | LS | 1.0 | | |
| Z0004510 | Hot-Mix Asphalt Driveway Pavement, 3" | SY | 100.0 | | |
| - | General Landscape Restoration (Special) | SY | 4,800.0 | | |
| - | Detectable Warnings (Furnished By Others) | SF | 80.0 | | |
| - | Combination Concrete Curb and Gutter, Type Varies (Abutting Existing Pavement) | FT | 150.0 | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Total Bid: _____

CONTRACTOR CERTIFICATIONS

| | |
|---------------------|----------------------------|
| County | <u>Cook/Lake</u> |
| Local Public Agency | <u>V. of Buffalo Grove</u> |
| Section Number | <u>20-00000-03-GM</u> |
| Route | <u>Various</u> |

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

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

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

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

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

SIGNATURES

County Cook/Lake
 Local Public Agency V. of Buffalo Grove
 Section Number 20-00000-03-GM
 Route Various

(If an individual)

Signature of Bidder _____

Business Address _____

(If a partnership)

Firm Name _____

Signed By _____

Business Address _____

Inset Names and Addressed of All Partners



(If a corporation)

Corporate Name _____

Signed By _____

President

Business Address _____

Inset Names of Officers



President _____

Secretary _____

Treasurer _____

Attest: _____
Secretary



Local Agency Proposal Bid Bond

Route Various
County Cook/Lake
Local Agency V. of Buffalo Grove
Section 20-00000-03-GM

RETURN WITH BID

PAPER BID BOND

WE _____ as PRINCIPAL,
and _____ as SURETY,

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

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

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

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

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

Principal

By: _____ (Company Name)
By: _____ (Company Name)
(Signature and Title) (Signature and Title)

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

Surety

By: _____ (Name of Surety)
(Signature of Attorney-in-Fact)

STATE OF ILLINOIS,
COUNTY OF _____
I, _____, a Notary Public in and for said county,
do hereby certify that _____

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

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

Given under my hand and notarial seal this _____ day of _____

My commission expires _____ (Notary Public)

ELECTRONIC BID BOND

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

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

Electronic Bid Bond ID Code (grid)

Electronic Bid Bond ID Code

(Company/Bidder Name)

(Signature and Title)

Date



Apprenticeship or Training Program Certification

Return with Bid

Route Various
County Cook/Lake
Local Agency V. of Buffalo Grove
Section 20-00000-03-GM

All contractors are required to complete the following certification:

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

Four horizontal lines for listing deliver and install groups.

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

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

Five horizontal lines for listing program sponsors and subcontracted work.

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

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

Bidder: _____

By: _____

(Signature)

Address: _____

Title: _____



Affidavit of Illinois Business Office

County Cook/Lake
Local Public Agency V. of Buffalo Grove
Section Number 20-00000-03-GM
Route Various

State of)
County of) ss.

I, (Name of Affiant) of (City of Affiant), (State of Affiant),

being first duly sworn upon oath, states as follows:

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

(Signature)
(Print Name of Affiant)

This instrument was acknowledged before me on day of , .

(SEAL)

(Signature of Notary Public)



Illinois Department of Transportation

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

Affidavit of Availability For the Letting of 2/27/2020

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

Part I. Work Under Contract

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

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

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

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

| | | | | | | Accumulated Totals |
|---------------------------------------|--|--|--|--|--|--------------------|
| Earthwork | | | | | | |
| Portland Cement Concrete Paving | | | | | | |
| HMA Plant Mix | | | | | | |
| HMA Paving | | | | | | |
| Clean & Seal Cracks/Joints | | | | | | |
| Aggregate Bases & Surfaces | | | | | | |
| Highway, R.R. and Waterway Structures | | | | | | |
| Drainage | | | | | | |
| Electrical | | | | | | |
| Cover and Seal Coats | | | | | | |
| Concrete Construction | | | | | | |
| Landscaping | | | | | | |
| Fencing | | | | | | |
| Guardrail | | | | | | |
| Painting | | | | | | |
| Signing | | | | | | |
| Cold Milling, Planning & Rotomilling | | | | | | |
| Demolition | | | | | | |
| Pavement Markings (Paint) | | | | | | |
| Other Construction (List) | | | | | | |
| | | | | | | \$ 0.00 |
| Totals | | | | | | |

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

Part III. Work Subcontracted to Others.

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

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

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

Subscribed and sworn to before me

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

Signed _____

 Notary Public

My commission expires _____

(Notary Seal)

Company _____

Address _____

VILLAGE OF BUFFALO GROVE PUBLIC CONTRACT STATEMENTS

The Village of Buffalo Grove is required to obtain certain information in the administration and awarding of public contracts. The following Public Contract Statements shall be executed and notarized.

PUBLIC CONTRACT STATEMENTS

CERTIFICATION OF CONTRACTOR/CONSULTANT

In order to comply with 720 Illinois Compiled Statutes 5/33 E-1 et seq., the Village of Buffalo Grove requires the following certification be acknowledged:

The below-signed Contractor/Consultant hereby certifies that it is not barred from Bidding or supplying any goods, services or construction let by the Village of Buffalo Grove with or without Bid, due to any violation of either Section 5/33 E-3 or 5/33 E-4 of Article 33E, Public Contracts, of the Chapter 720 of the Illinois Compiled Statutes, as amended. This act relates to interference with public contracting, Bid rigging and rotating, kickbacks, and Bidding.

CERTIFICATION RELATIVE TO 65 ILCS 5/11-42.1.1

In order to comply with 65 Illinois Compiled Statutes 5/11-42.1.1, the Village of Buffalo Grove requires the following certification:

The undersigned Contractor/Consultant does hereby swear and affirm that it is not delinquent in the payment of any tax administered by the Illinois Department of Revenue unless it is contesting, in accordance with the procedures established by the appropriate revenue Act, its liability for the tax or the amount of the tax. The undersigned further understands that making a false statement herein: (1) is a Class A Misdemeanor, and (2) voids the contract and allows the Village to recover all amounts paid to it under the contract.

CONFLICT OF INTEREST

The Village of Buffalo Grove Municipal Code requires the following verification relative to conflict of interest and compliance with general ethics requirements of the Village:

The undersigned Contractor/Consultant hereby represents and warrants to the Village of Buffalo Grove as a term and condition of acceptance of this (Proposal or purchase order) that none of the following Village Officials is either an officer or Manager of Firm or owns five percent (5%) or more of the Supplier: the Village President, the members of the Village Board of Trustees, the Village Clerk, the Village Treasurer, the members of the Zoning Board of Appeals and the Plan Commission, the Village Manager and his Assistant or Assistants, or the heads of the various departments within the Village.

If the foregoing representation and warranty is inaccurate, state the name of the Village official who either is an officer or Manager of your business entity or owns five percent (5%) or more thereof:

(Official) _____

Print Name of Contractor/Consultant

Signature

Title

Subscribed and Sworn to before me this _____ day of _____, 2019.

Notary Public

Notary Expiration Date _____

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community



1 in = 1,000 ft

2020 Sidewalk Improvements Project

VoBG-2020-17

This exhibit is for informational purposes and may not have been prepared for, or be suitable for legal, engineering, or surveying purposes.

Date: January 29, 2020

Description of Work
2020 Sidewalk Improvements Project
Village of Buffalo Grove

This project includes existing sidewalk on local streets, owned, maintained, and within the Village of Buffalo Grove right-of-way that which requires removal and replacement due to trip hazards, settlement and/or heaving to protect the public at various locations throughout the Village limits; no new sidewalk is being proposed.

The following is a list of streets including limits, and a brief description of work:

| Street | From/To |
|-----------------------|------------------------------------|
| 322 Dundee Parkway | |
| 44 Golfview Terrace | |
| Arbor Court | West End to Cottonwood Dr |
| Belaire Court | Belaire Dr to South End |
| Belaire Drive | St Mary's Pkwy to Weidner Rd |
| Bernard Court | North End to Bernard Dr |
| Bernard Drive | Arlington Heights Rd to Raupp Blvd |
| Chateau Drive | West End to East End |
| Cherrywood Road | St Mary's Pkwy to Bernard Dr |
| Claret Drive | West End to Vintage Ln |
| Cottonwood Drive | St Mary's Pkwy to Cherrywood Rd |
| Crestview Terrace | St Mary's Pkwy to St Mary's Pkwy |
| Crown Point Drive | Farrington Dr to Gardenia Ln |
| Gardenia Lane | West End to Harris Dr |
| Greenwood Court South | Bernard Dr to South End |
| Harris Drive | Farrington Dr to Common Way |
| Hiawatha Drive | St Mary's Pkwy to Bernard Dr |
| Hickory Drive | Cherrywood Rd to Cottonwood Dr |
| Juniper Court | St Mary's Pkwy to North End |
| Lakeview Court | West End to Lakeview Dr |
| Lincoln Terrace | St Mary's Pkwy to Bernard Dr |
| Maple Drive | Cherrywood Rd to Cottonwood Dr |
| Mary Lu Lane | North End to St Mary's Pkwy |
| Melinda Lane | St Mary's Pkwy to Bernard Dr |
| Navajo Trail | St Mary's Pkwy to Bernard Dr |
| Plum Grove Circle | Arlington Heights Rd to Country Ln |
| Regent Court West | West End to Regent Dr |
| Regent Drive | Plum Grove Cir to Bernard Dr |
| Rosewood Avenue | Lincoln Terr to Bernard Dr |
| St Mary's Parkway | Weidner Rd to Raupp Blvd |
| Stonegate Court | North End to Stonegate Rd |
| Stonegate Road | Plum Grove Cir to Timber Hill Rd |
| Terrace Place | Plum Grove Cir to Bernard Dr |
| Timber Hill Road | Lake Cook Rd to Bernard Dr |

| | |
|-------------------|--|
| Vintage Lane | Gardenia Ln to Old Checker Rd |
| Weidner Court | West End to Weidner Rd |
| Weidner Road | Lake Cook Rd to Bernard Dr |
| Whitehall Court | West End to Whitehall Dr |
| Whitehall Drive | Arlington Heights Rd to Timber Hill Rd |
| Windsor Drive | Weidner Rd to Bernard Dr |
| Various Locations | |

The above street segments will include sidewalk removal and replacement, placement of detectable warnings, tree root pruning, driveway pavement removal and replacement, landscape restoration, and other associated improvements as marked in the field by the Engineer.

SUMMARY OF QUANTITIES

| LOCATION # | LOCATION | PCC SIDEWALK REMOVAL & REPLACEMENT (SQ FT) | DETECTABLE WARNINGS (FURNISHED BY OTHERS) (SQ FT) | COMBINATION CONCRETE CURB & GUTTER REMOVAL & REPLACEMENT (FOOT) | DRIVEWAY PAVEMENT REMOVAL (SQ YD) | PCC DRIVEWAY PAVEMENT, 6 INCH (SQ YD) | HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3" (SQ YD) | TREE ROOT PRUNING (EA) |
|----------------------------|--------------------------------------|---|---|---|--|---|--|------------------------------|
| Arbor Court | | | | | | | | |
| 1 | 12 Arbor Court | 100.0 | | | | | | |
| Belaire Drive/Court | | | | | | | | |
| 2 | 231 Belaire Drive | 60.0 | | | | | | |
| 3 | 187 Belaire Drive | 60.0 | | | | | | |
| 4 | 149 Belaire Drive | 40.0 | | | 10.0 | | 10.0 | |
| 5 | 146 Belaire Drive | 40.0 | | | | | | |
| 6 | 160 Belaire Drive | 60.0 | | | | | | 1.0 |
| 7 | 268 Belaire Drive | 40.0 | | | | | | 1.0 |
| 8 | 268 Belaire Drive (2nd Location) | 40.0 | | | | | | |
| 9 | 2 Belaire Court | 40.0 | | | | | | |
| 10 | 5 Belaire Court | 40.0 | | | | | | |
| 11 | 6 Belaire Court | 40.0 | | | | | | |
| 12 | 8 Belaire Court | 80.0 | | | | | | |
| Bernard Drive/Court | | | | | | | | |
| 13 | 340 Bernard Drive | 80.0 | | | | | | |
| 14 | 325 Bernard Drive | 40.0 | | | | | | |
| 15 | 341 Bernard Drive | 80.0 | | | | | | |
| 16 | 353 Bernard Drive | 160.0 | | | | | | |
| 17 | 404 Hiawatha Drive | 120.0 | | | | | | |
| 18 | 404 Hiawatha Drive | 120.0 | | | | | | |
| 19 | 405 Bernard Drive | 60.0 | | | | | | 1.0 |
| 20 | 443 Bernard Drive | 40.0 | | | | | | |
| 21 | 471 Bernard Drive | 100.0 | | | | | | |
| 22 | 489 Bernard Drive | 40.0 | | | | | | 1.0 |
| 23 | 495 Bernard Drive | 100.0 | | | | | | |
| 24 | 523 Bernard Drive | 40.0 | | | | | | 1.0 |
| 25 | 401 White Pine Road | 80.0 | | | | | | |
| 26 | 647 Bernard Drive | 140.0 | | | | | | |
| 27 | 657 Bernard Drive | 40.0 | | | | | | |
| 28 | 604 Bernard Drive | 100.0 | | | | | | 1.0 |
| 29 | At Alcott Center | 80.0 | | | | | | |
| 30 | 394 Lincoln Terrace | 140.0 | | | | | | |
| 31 | 397 Lincoln Terrace | 140.0 | | | | | | |
| 32 | 468 Bernard Drive | 60.0 | | | 10.0 | | 10.0 | |
| 33 | 468 Bernard Drive (2nd Location) | 40.0 | | | | | | |
| 34 | 400 Bernard Drive | 120.0 | | | 16.0 | | 16.0 | 1.0 |
| 35 | 374 Bernard Drive | 80.0 | | | | | | 1.0 |
| 36 | 362 Melinda Lane | 80.0 | | | | | | 1.0 |
| 37 | 686 Bernard Drive | 80.0 | | | | | | |
| 38 | 667 Bernard Drive | 80.0 | | | | | | 1.0 |
| 39 | 681 Bernard Drive | 200.0 | | | | | | 1.0 |
| 40 | 17 Greenwood Ct South | 60.0 | | | | | | 1.0 |
| 41 | 17 Greenwood Ct South (2nd Location) | 100.0 | | | | | | |
| 42 | 737 Bernard Drive | 75.0 | | | | | | 1.0 |
| 43 | 1130 Bernard Drive | 25.0 | | | | | | |
| 44 | 955 Bernard Drive | 50.0 | | | | | | |
| 45 | 931 Bernard Drive | 50.0 | | | | | | 1.0 |
| 46 | 921 Bernard Drive | 75.0 | | | | | | 1.0 |
| 47 | 909 Bernard Drive | 75.0 | | | | | | 1.0 |
| 48 | 875 Bernard Drive | 75.0 | | | | | | 1.0 |
| 49 | 833/849 Bernard Drive | 50.0 | | | | | | |
| 50 | 833 Bernard Drive | 75.0 | | | | | | |
| 51 | 343 Weidner Rd. | 50.0 | | | | | | 1.0 |

SUMMARY OF QUANTITIES

| LOCATION # | LOCATION | PCC SIDEWALK REMOVAL & REPLACEMENT (SQ FT) | DETECTABLE WARNINGS (FURNISHED BY OTHERS) (SQ FT) | COMBINATION CONCRETE CURB & GUTTER REMOVAL & REPLACEMENT (FOOT) | DRIVEWAY PAVEMENT REMOVAL (SQ YD) | PCC DRIVEWAY PAVEMENT, 6 INCH (SQ YD) | HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3" (SQ YD) | TREE ROOT PRUNING (EA) |
|--------------------------|------------------------------------|---|---|---|--|---|--|------------------------------|
| 52 | 840 Bernard Drive | 100.0 | | | | | | |
| 53 | 330 Windsor Drive | 50.0 | | | | | | 1.0 |
| 54 | 330 Timber Hill Road | 50.0 | | | | | | |
| 55 | 28 Bernard Drive | 100.0 | | | | | | |
| 55 | 1 Bernard Court | 150.0 | | | | | | |
| 56 | 1 Bernard Court | 100.0 | | | | | | 1.0 |
| 57 | 6 Bernard Court | 80.0 | | | | | | 1.0 |
| Chateau Drive | | | | | | | | |
| 58 | 317 Lakeview Drive | 75.0 | | | | | | 1.0 |
| 59 | 400 Chateau Drive | 100.0 | | | | | | 1.0 |
| 60 | 400 Chateau Drive | 75.0 | | | | | | 1.0 |
| 61 | 404 Chateau Drive | 75.0 | | | | | | |
| 62 | 406 Chateau Drive | 75.0 | | | | | | 1.0 |
| 63 | 321 Chateau Drive | 50.0 | | | | | | 1.0 |
| 64 | 321 Chateau Drive | 125.0 | | | | | | 1.0 |
| 65 | 311 Chateau Drive | 50.0 | | | | | | |
| 66 | 302 Chateau Drive | 50.0 | | | | | | |
| 67 | 306 Chateau Drive | 125.0 | | | | | | 1.0 |
| 68 | 310 Chateau Drive | 150.0 | | | | | | |
| 69 | 316 Chateau Drive | 50.0 | | | | | | |
| 70 | 322 Chateau Drive | 125.0 | | | | | | 1.0 |
| Cherrywood Road | | | | | | | | |
| 71 | 162 Cherrywood Road | 40.0 | | | | | | 1.0 |
| 72 | 230 Cherrywood Road | 100.0 | | | | | | 1.0 |
| 73 | 258 Cherrywood Road | 40.0 | | | | | | 1.0 |
| 74 | 302 Cherrywood Road | 40.0 | | | | | | |
| 75 | 310 Cherrywood Road | 40.0 | | | | | | |
| 76 | 314 Cherrywood Road | 40.0 | | | | | | |
| 77 | 320 Cherrywood Road | 20.0 | | | | | | |
| 78 | 315 Cherrywood Road | 60.0 | | | | | | |
| 79 | 315 Cherrywood Road (2nd Location) | 40.0 | | | | | | |
| 80 | 303 Cherrywood Road | 140.0 | | | | | | |
| 81 | 289 Cherrywood Road | 60.0 | | | | | | |
| 82 | 289 Cherrywood Road (2nd Location) | 40.0 | | | | | | |
| 83 | 289 Cherrywood Road (3rd Location) | 60.0 | | | | | | 1.0 |
| 84 | 277 Cherrywood Road | 80.0 | | | | | | 1.0 |
| 85 | 257 Cherrywood Road | 60.0 | | | | | | |
| 86 | 221 Cherrywood Road | 60.0 | | | | | | |
| 87 | 171 Cherrywood Road | 60.0 | | | | | | |
| Claret Drive | | | | | | | | |
| 88 | 218 Vintage Lane | 125.0 | | | | | | 1.0 |
| 89 | 410 Claret Drive | 75.0 | | | | | | |
| 90 | 414 Claret Drive | 25.0 | | | | | | 1.0 |
| 91 | 413 Claret Drive | 100.0 | | | | | | 1.0 |
| 92 | 401 Claret Drive | 100.0 | | | | | | 1.0 |
| 93 | 401 Claret Drive | 125.0 | | | | | | 1.0 |
| Crestview Terrace | | | | | | | | |
| 94 | 3 Crestview Terrace | 120.0 | | | | | | |
| 95 | 15 Crestview Terrace | 160.0 | | | 10 | | 10.00 | |
| 96 | 12 Crestview Terrace | 100.0 | | | | | | |
| Crown Point Drive | | | | | | | | |
| 97 | 521 Crown Point Drive | 100.0 | | | | | | |
| 98 | 502 Crown Point Drive | 150.0 | | | | | | |

SUMMARY OF QUANTITIES

| LOCATION # | LOCATION | PCC SIDEWALK REMOVAL & REPLACEMENT (SQ FT) | DETECTABLE WARNINGS (FURNISHED BY OTHERS) (SQ FT) | COMBINATION CONCRETE CURB & GUTTER REMOVAL & REPLACEMENT (FOOT) | DRIVEWAY PAVEMENT REMOVAL (SQ YD) | PCC DRIVEWAY PAVEMENT, 6 INCH (SQ YD) | HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3" (SQ YD) | TREE ROOT PRUNING (EA) |
|------------------------------|--|---|---|---|--|---|--|------------------------------|
| 99 | Various Locations on Crown Point Drive | 500.0 | | | | | | 5.0 |
| Cottonwood Drive | | | | | | | | |
| 100 | 289 Cottonwood Drive | 60.0 | | | | | | 1.0 |
| 101 | 259 Cottonwood Drive | 80.0 | | | | | | |
| 102 | 245 Cottonwood Drive | 80.0 | | | | | | |
| 103 | 229 Cottonwood Drive | 60.0 | | | | | | |
| 104 | 568 Maple Drive | 80.0 | | | | | | |
| 105 | 244 Cottonwood Drive | 60.0 | | | | | | |
| 106 | 256 Cottonwood Drive | 60.0 | | | | | | 1.0 |
| 107 | 288 Cottonwood Drive | 60.0 | | | | | | |
| 108 | 304 Cottonwood Drive | 40.0 | | | | | | |
| 109 | 342 Cottonwood Drive | 80.0 | | | | | | |
| Dundee Parkway | | | | | | | | |
| 110 | 322 Dundee Parkway | 245.0 | | | | | | |
| Gardenia Lane | | | | | | | | |
| 114 | 321 Gardenia Lane | 50.0 | | | | | | 1.0 |
| 115 | 319 Gardenia Lane | 100.0 | | | | | | 1.0 |
| 116 | 311 Gardenia Lane | 125.0 | | | | | | |
| 117 | 500 Windover Circle | 50.0 | | | | | | |
| 118 | 318 Gardenia Lane | 125.0 | | | | | | 1.0 |
| 119 | 404 Gardenia Lane | 100.0 | | | | | | 1.0 |
| Golfview Terrace | | | | | | | | |
| 120 | 44 Golfview Terrace | 120.0 | | | | | | 1.0 |
| Greenwood Court South | | | | | | | | |
| 121 | 3 Greenwood Court South | 60.0 | | | | | | |
| 122 | 11 Greenwood Court South | 40.0 | | | | | | 1.0 |
| Harris Drive | | | | | | | | |
| 123 | Various Locations on Harris Drive | 2000.0 | | | | | | 10.0 |
| Hiawatha Drive | | | | | | | | |
| 124 | 352 Hiawatha Drive | 100.0 | | | | | | 1.0 |
| 125 | 342 Hiawatha Drive | 60.0 | | | | | | 1.0 |
| 126 | 304 Hiawatha Drive | 60.0 | | | | | | |
| 127 | 319 Hiawatha Drive | 60.0 | | | | | | |
| 128 | 347 Hiawatha Drive | 60.0 | | | | | | |
| Hickory Drive | | | | | | | | |
| 129 | 667 Hickory Drive | 40.0 | | | | | | |
| 130 | 643 Hickory Drive | 80.0 | | | | | | 1.0 |
| 131 | 599 Hickory Drive | 80.0 | | | | | | 1.0 |
| 132 | 628 Hickory Drive | 40.0 | | | | | | 1.0 |
| 133 | 642 Hickory Drive | 60.0 | | | | | | 1.0 |
| 134 | 692 Hickory Drive | 100.0 | | | | | | 1.0 |
| 135 | 221 Cherrywood Road | 60.0 | | | | | | |
| Juniper Court | | | | | | | | |
| 136 | 568 St. Mary's Parkway | 60.0 | | | | | | |
| Lakeview Court | | | | | | | | |
| 137 | 318 Lakeview Court | 50.0 | | | | | | 1.0 |
| 138 | 318 Lakeview Court | 75.0 | | | | | | |
| Lakeview Drive | | | | | | | | |
| 139 | 320 Lakeview Court | 50.0 | | | | | | 1.0 |
| 140 | 410 Claret Drive | 125.0 | | | | | | 1.0 |
| Lincoln Terrace | | | | | | | | |

SUMMARY OF QUANTITIES

| LOCATION # | LOCATION | PCC SIDEWALK REMOVAL & REPLACEMENT (SQ FT) | DETECTABLE WARNINGS (FURNISHED BY OTHERS) (SQ FT) | COMBINATION CONCRETE CURB & GUTTER REMOVAL & REPLACEMENT (FOOT) | DRIVEWAY PAVEMENT REMOVAL (SQ YD) | PCC DRIVEWAY PAVEMENT, 6 INCH (SQ YD) | HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3" (SQ YD) | TREE ROOT PRUNING (EA) |
|--------------------------|------------------------------------|---|---|---|--|---|--|------------------------------|
| 141 | 391 Lincoln Terrace | 60.0 | | | | | | |
| 142 | 331 Lincoln Terrace | 40.0 | | | | | | |
| 143 | 331 Lincoln Terrace (2nd Location) | 40.0 | | | | | | |
| 144 | 301 Lincoln Terrace | 140.0 | | | 4.0 | | 4.0 | |
| 145 | 255 Lincoln Terrace | 100.0 | | | | | | |
| 146 | 296 Lincoln Terrace | 80.0 | | | | | | |
| 147 | 354 Lincoln Terrace | 40.0 | | | | | | |
| 148 | 372 Lincoln Terrace | 40.0 | | | | | | 1.0 |
| Maple Drive | | | | | | | | |
| 149 | 685 Maple Drive | 60 | | | | | | |
| 150 | 637 Maple Drive | 40.0 | | | | | | |
| 151 | 593 Maple Drive | 40.0 | | | | | | |
| 152 | 593 Maple Drive (2nd Location) | 40.0 | | | | | | 1.0 |
| 153 | 568 Maple Drive | 100.0 | | | | | | |
| 154 | 580 Maple Drive | 60.0 | | | | | | 1.0 |
| 155 | 594 Maple Drive | 60.0 | | | | | | 1.0 |
| 156 | 644 Maple Drive | 60.0 | | | | | | |
| 157 | 662 Maple Drive | 40.0 | | | | | | |
| 158 | 684 Maple Drive | 40.0 | | | | | | |
| Mary Lu Lane | | | | | | | | |
| 159 | 526 St Mary Parkway | 20.0 | | | | | | 1.0 |
| Melinda Lane | | | | | | | | |
| 160 | 300 Melinda Lane | 60.0 | | | | | | |
| 161 | 338 Melinda Lane | 120.0 | | | | | | |
| 162 | 339 Melinda Lane | 60.0 | | | | | | |
| 163 | 339 Melinda Lane (2nd Location) | 20.0 | | | | | | |
| 164 | 339 Melinda Lane (3rd Location) | 20.0 | | | | | | |
| 165 | 319 Melinda Lane | 80.0 | | | | | | |
| 166 | 311 Melinda Lane | 40.0 | | | | | | |
| 167 | 301 Melinda Lane | 40.0 | | | | | | |
| 168 | 267 Melinda Lane | 120.0 | | | | | | |
| Melinda Lane | | | | | | | | |
| 169 | 300 Melinda Lane | 60.0 | | | | | | |
| 170 | 338 Melinda Lane | 120.0 | | | | | | |
| 171 | 339 Melinda Lane | 60.0 | | | | | | |
| 172 | 339 Melinda Lane (2nd Location) | 20.0 | | | | | | |
| 173 | 339 Melinda Lane (3rd Location) | 20.0 | | | | | | |
| 174 | 319 Melinda Lane | 80.0 | | | | | | |
| 175 | 311 Melinda Lane | 40.0 | | | | | | |
| 176 | 301 Melinda Lane | 40.0 | | | | | | |
| 177 | 267 Melinda Lane | 120.0 | | | | | | |
| Navajo Trail | | | | | | | | |
| 178 | 214 Navajo Trail | 60.0 | | | | | | |
| 179 | 250 Navajo Trail | 80.0 | | | | | | 1.0 |
| 180 | 335 Navajo Trail | 60.0 | | | | | | 1.0 |
| 181 | 261 Navajo Trail | 140.0 | | | | | | 1.0 |
| 182 | 231 Navajo Trail | 120.0 | | | | | | 1.0 |
| 183 | 207 Navajo Trail | 60.0 | | | | | | 1.0 |
| Plum Grove Circle | | | | | | | | |
| 184 | School at Plum Grove Circle | 50.0 | | | | | | 1.0 |
| 185 | School at Plum Grove Circle | 100.0 | | | | | | 1.0 |
| 186 | School at Plum Grove Circle | 75.0 | | | | | | 1.0 |
| 187 | School at Plum Grove Circle | 50.0 | | | | | | |

SUMMARY OF QUANTITIES

| LOCATION # | LOCATION | PCC SIDEWALK REMOVAL & REPLACEMENT (SQ FT) | DETECTABLE WARNINGS (FURNISHED BY OTHERS) (SQ FT) | COMBINATION CONCRETE CURB & GUTTER REMOVAL & REPLACEMENT (FOOT) | DRIVEWAY PAVEMENT REMOVAL (SQ YD) | PCC DRIVEWAY PAVEMENT, 6 INCH (SQ YD) | HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3" (SQ YD) | TREE ROOT PRUNING (EA) |
|-----------------------------|--------------------------------------|---|---|---|--|---|--|------------------------------|
| 188 | School at Plum Grove Circle | 75.0 | | | | | | |
| 189 | School at Plum Grove Circle | 150.0 | | | | | | |
| 190 | 886 Plum Grove Circle | 40.0 | | | | | | |
| 191 | 933 Plum Grove Circle | 60.0 | | | | | | |
| 192 | 933 Plum Grove Circle (2nd Location) | 40.0 | | | | | | |
| 193 | 936 Plum Grove Circle | 120.0 | | | | | | |
| 194 | 1033 Plum Grove Circle | 40.0 | | | | | | |
| 195 | 1095 Plum Grove Circle | 40.0 | | | | | | |
| Regent Court West | | | | | | | | |
| 196 | 6 Regent Court West | 40.0 | | | | | | |
| Regent Drive | | | | | | | | |
| 197 | 326 Regent Drive | 40.0 | | | | | | |
| Rosewood Avenue | | | | | | | | |
| 198 | 255 Lincoln Terrace | 120.0 | | | | | | |
| 199 | 292 Rosewood Avenue | 80.0 | | | | | | |
| 200 | 360 Rosewood Avenue | 100.0 | | | | | | |
| 201 | 394 Rosewood Avenue | 40.0 | | | | | | |
| 202 | 391 Rosewood Avenue | 100.0 | | | 18.0 | 13.0 | 5.0 | |
| 203 | 355 Rosewood Avenue | 40.0 | | | | | | |
| 204 | 345 Rosewood Avenue | 40.0 | | | | | | |
| 205 | 279 Rosewood Avenue | 40.0 | | | | | | 1.0 |
| Saint Mary's Parkway | | | | | | | | |
| 206 | 768 Saint Mary's Parkway | 60.0 | | | | | | |
| 207 | 664 Saint Mary's Parkway | 60.0 | | | | | | 1.0 |
| 208 | 636 Saint Mary's Parkway | 80.0 | | | 8.0 | | 8.0 | |
| 209 | 626 Saint Mary's Parkway | 40.0 | | | | | | 1.0 |
| 210 | 616 Saint Mary's Parkway | 60.0 | | | | | | |
| 211 | 608 Saint Mary's Parkway | 100.0 | | | | | | |
| 212 | 577 Saint Mary's Parkway | 120.0 | | | | | | 1.0 |
| 213 | 583 Saint Mary's Parkway | 80.0 | | | | | | |
| 214 | 625 Saint Mary's Parkway | 120.0 | | | | | | 1.0 |
| 215 | 653 Saint Mary's Parkway | 60.0 | | | | | | 1.0 |
| 216 | 151 Cherrywood Road | 80.0 | | | | | | |
| 217 | 731 Saint Mary's Parkway | 40.0 | | | | | | |
| 218 | 146 Belaire Drive | 120.0 | | | | | | |
| 219 | 141 Weidner Road | 100.0 | | | | | | 1.0 |
| 220 | 515 Saint Mary's Parkway | 100.0 | | | | | | 1.0 |
| 221 | 358 Saint Mary's Parkway | 100.0 | | | | | | 1.0 |
| 222 | 400 Saint Mary's Parkway | 60.0 | | | | | | |
| 223 | 526 Saint Mary's Parkway | 40.0 | | | | | | |
| Stonegate Court | | | | | | | | |
| 224 | 4 Stonegate Court | 60.0 | | | | | | |
| 225 | 2 Stonegate Court | 60.0 | | | | | | |
| 226 | 1 Stonegate Court | 40.0 | | | | | | |
| Stonegate Drive | | | | | | | | |
| 227 | 1 Stonegate Court | 80.0 | | | | | | 1.0 |
| 228 | 102 Stonegate Drive | 120.0 | | | | | | |
| 229 | 100 Stonegate Drive | 60.0 | | | | | | |
| 230 | 98 Stonegate Drive | 40.0 | | | | | | 1.0 |
| 231 | 114 Timber Hill Road (Side Yard) | 80.0 | | | | | | |
| 232 | 99 Stonegate Drive | 40.0 | | | | | | |
| 233 | 101 Stonegate Drive | 80.0 | | | | | | 1.0 |
| 234 | 105 Stonegate Drive | 120.0 | | | | | | |

SUMMARY OF QUANTITIES

| LOCATION # | LOCATION | PCC SIDEWALK REMOVAL & REPLACEMENT (SQ FT) | DETECTABLE WARNINGS (FURNISHED BY OTHERS) (SQ FT) | COMBINATION CONCRETE CURB & GUTTER REMOVAL & REPLACEMENT (FOOT) | DRIVEWAY PAVEMENT REMOVAL (SQ YD) | PCC DRIVEWAY PAVEMENT, 6 INCH (SQ YD) | HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3" (SQ YD) | TREE ROOT PRUNING (EA) |
|-------------------------|------------------------------------|---|---|---|--|---|--|------------------------------|
| 235 | 107 Stonegate Drive | 60.0 | | | | | | |
| 236 | 109/111 Stonegate Drive | 80.0 | | | 7.0 | | 7.0 | |
| 237 | 127 Stonegate Drive | 200.0 | | | | | | 1.0 |
| 238 | 208 Stonegate Drive | 60.0 | | | | | | |
| 239 | 235 Stonegate Drive | 40.0 | | | | | | |
| 240 | 253 Stonegate Drive | 120.0 | | | | | | 1.0 |
| 241 | 208 Stonegate Drive | 40.0 | | | | | | |
| 242 | 186 Stonegate Drive | 80.0 | | | 5.0 | | 5.0 | 1.0 |
| 243 | 176 Stonegate Drive | 40.0 | | | | | | 1.0 |
| 244 | 138 Stonegate Drive | 100.0 | | | | | | 1.0 |
| 245 | 116 to 110 Stonegate Drive | 120.0 | | | | | | |
| 246 | 108 Stonegate Drive | 80.0 | | | | | | |
| Terrance Place | | | | | | | | |
| 247 | 317 Terrance Place | 40.0 | | | | | | 1.0 |
| 248 | 317 Terrance Place | 40.0 | | | | | | 1.0 |
| 249 | 296 Terrance Place | 60.0 | | | | | | 1.0 |
| Timber Hill Road | | | | | | | | |
| 250 | 203 Timber Hill Road | 40.0 | | | | | | |
| 251 | 212 Timber Hill Road | 40.0 | | | | | | |
| 252 | 228 Timber hill Road | 40.0 | | | | | | |
| 253 | 236 Timber Hill Road | 40.0 | | | | | | |
| 254 | 30 Timber Hill Road | 80.0 | | | | | | |
| 255 | 32 Timber Hill Road | 80.0 | | | | | | 1.0 |
| 256 | 32 Timber Hill Road (2nd Location) | 60.0 | | | | | | |
| 257 | 36 Timber Hill Road | 40.0 | | | | | | |
| 258 | 964 Whitehall Drive (Sideyard) | 40.0 | | | | | | |
| 259 | 46 Timber Hill Road | 120.0 | | | 7.0 | | 7.0 | |
| 260 | 46 Timber Hill Road (2nd Location) | 40.0 | | | | | | |
| 261 | 48 Timber Hill Road | 80.0 | | | | | | 1.0 |
| 262 | 62 Timber Hill Road | 80.0 | | | 14.0 | | 14.0 | 1.0 |
| 263 | 77 Timber Hill Road | 80.0 | | | | | | 1.0 |
| 264 | 114 Timber Hill Road | 100.0 | | | | | | 1.0 |
| 265 | 856 Country Lane (Side Yard) | 160.0 | | | | | | |
| 266 | 135 Timber Hill Road | 80.0 | | | | | | |
| 267 | 69/77 Timber Hill Road | 140.0 | | | | | | 1.0 |
| 268 | 63 Timber Hill Road | 40.0 | | | | | | |
| 269 | 43 Timber Hill Road | 100.0 | | | | | | |
| 270 | 35 Timber Hill Road | 220.0 | | | | | | |
| 271 | 31 Timber Hill Road | 60.0 | | | | | | |
| 272 | 27 Timber Hill Road | 60.0 | | | | | | |
| Vintage Lane | | | | | | | | |
| 273 | 217 Vintage Lane | 50.0 | | | | | | |
| 274 | 219 Vintage Lane | 75.0 | | | | | | 1.0 |
| 275 | 219 Vintage Lane | 100.0 | | | | | | 1.0 |
| 276 | 221 Vintage Lane | 125.0 | | | | | | 1.0 |
| 277 | 307 Vintage Lane | 100.0 | | | | | | 1.0 |
| 278 | 311 Vintage Lane | 125.0 | | | | | | 1.0 |
| 279 | 313 Vintage Lane | 100.0 | | | | | | |
| 280 | 315 Gardenia Lane | 100.0 | | | | | | 1.0 |
| 281 | 314 Vintage Lane | 75.0 | | | | | | |
| 282 | 312 Vintage Lane | 275.0 | | | | | | 2.0 |
| 283 | 300 Vintage Lane | 75.0 | | | | | | 1.0 |
| Weidner Court | | | | | | | | |

SUMMARY OF QUANTITIES

| LOCATION # | LOCATION | PCC SIDEWALK REMOVAL & REPLACEMENT (SQ FT) | DETECTABLE WARNINGS (FURNISHED BY OTHERS) (SQ FT) | COMBINATION CONCRETE CURB & GUTTER REMOVAL & REPLACEMENT (FOOT) | DRIVEWAY PAVEMENT REMOVAL (SQ YD) | PCC DRIVEWAY PAVEMENT, 6 INCH (SQ YD) | HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3" (SQ YD) | TREE ROOT PRUNING (EA) |
|------------------------|--------------------------------------|---|---|---|--|---|--|------------------------------|
| 284 | 1 Weidner Court | 120.0 | | | | | | |
| 285 | 4 Weidner Court | 80.0 | | | | | | |
| Weidner Road | | | | | | | | |
| 286 | 833 Bernard Drive | 50.0 | | | | | | |
| 287 | 343 Weidner Road | 50.0 | | | | | | |
| 288 | 333 Weidner Road | 75.0 | | | | | | |
| 289 | 311 Weidner Road | 50.0 | | | | | | |
| 290 | 273 Weidner Road | 100.0 | | | | | | |
| 291 | 259 Weidner Road | 75.0 | | | | | | |
| 292 | 141 Weidner Road | 75.0 | | | | | | 1.0 |
| 293 | 100 Weidner Road | | | | | | | |
| 294 | 112 Weidner Road | 300.0 | | | | | | |
| 295 | 184 Weidner Road | 125.0 | | | | | | |
| 296 | 184 Weidner Road | 100.0 | | | | | | |
| 297 | 218 Weidner Road | 175.0 | | | | | | |
| 298 | SWX @ Windsor | 50.0 | | | | | | 1.0 |
| Whitehall Drive | | | | | | | | |
| 299 | 1016 Whitehall Drive | 40.0 | | | | | | |
| 300 | 1028 Whitehall Drive | 40.0 | | | | | | |
| 301 | 1028 Whitehall Drive | 60.0 | | | | | | 1.0 |
| 302 | 1064 Whitehall Drive | 80.0 | | | | | | |
| 303 | 1076 Whitehall Drive | 140.0 | | | | | | |
| 304 | 1108 Whitehall Drive | 40.0 | | | | | | 1.0 |
| 305 | 1119 Whitehall Drive | 80.0 | | | | | | |
| 306 | 1085 Whitehall Drive | 60.0 | | | | | | |
| 307 | 1061 Whitehall Drive | 60.0 | | | | | | 1.0 |
| 308 | 1039 Whitehall Drive | 60.0 | | | | | | |
| Whitehall Court | | | | | | | | |
| 309 | 20 Whitehall Court | 40.0 | | | | | | |
| 310 | 5 Whitehall Court | 40.0 | | | | | | |
| 311 | 7 Whitehall Court | 40.0 | | | | | | |
| 312 | 9 Whitehall Court | 60.0 | | | | | | |
| 313 | 16 Whitehall Court | 220.0 | | | | | | |
| 314 | 17 Whitehall Court | 40.0 | | | | | | |
| Windsor Drive | | | | | | | | |
| 315 | 267 Windsor Drive | 100.0 | | | | | | 1.0 |
| 316 | 296 Windsor Drive | 20.0 | | | | | | |
| Various | | | | | | | | |
| 317 | Miscellaneous Public Works Locations | 1000.0 | 80.0 | 150.0 | | | | |

TOTAL: 27,335.0 80.0 150.0 109.0 13.0 96.0 126.0

* All locations and measurements are approximate; exact locations and measurements shall be determined in the field by the Engineer.



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

Recurring Special Provisions

| <u>Check Sheet #</u> | | <u>Page No.</u> |
|----------------------|---|-----------------|
| 1 | <input type="checkbox"/> Additional State Requirements for Federal-Aid Construction Contracts | 83 |
| 2 | <input type="checkbox"/> Subletting of Contracts (Federal-Aid Contracts) | 86 |
| 3 | <input type="checkbox"/> EEO | 87 |
| 4 | <input type="checkbox"/> Specific EEO Responsibilities Non Federal-Aid Contracts | 97 |
| 5 | <input type="checkbox"/> Required Provisions - State Contracts | 102 |
| 6 | <input type="checkbox"/> Asbestos Bearing Pad Removal | 108 |
| 7 | <input type="checkbox"/> Asbestos Waterproofing Membrane and Asbestos HMA Surface Removal | 109 |
| 8 | <input type="checkbox"/> Temporary Stream Crossings and In-Stream Work Pads | 110 |
| 9 | <input type="checkbox"/> Construction Layout Stakes Except for Bridges | 111 |
| 10 | <input type="checkbox"/> Construction Layout Stakes | 114 |
| 11 | <input type="checkbox"/> Use of Geotextile Fabric for Railroad Crossing | 117 |
| 12 | <input type="checkbox"/> Subsealing of Concrete Pavements | 119 |
| 13 | <input type="checkbox"/> Hot-Mix Asphalt Surface Correction | 123 |
| 14 | <input type="checkbox"/> Pavement and Shoulder Resurfacing | 125 |
| 15 | <input type="checkbox"/> Patching with Hot-Mix Asphalt Overlay Removal | 126 |
| 16 | <input type="checkbox"/> Polymer Concrete | 128 |
| 17 | <input type="checkbox"/> PVC Pipeliner | 130 |
| 18 | <input type="checkbox"/> Bicycle Racks | 131 |
| 19 | <input type="checkbox"/> Temporary Portable Bridge Traffic Signals | 133 |
| 20 | <input type="checkbox"/> Work Zone Public Information Signs | 135 |
| 21 | <input type="checkbox"/> Nighttime Inspection of Roadway Lighting | 136 |
| 22 | <input type="checkbox"/> English Substitution of Metric Bolts | 137 |
| 23 | <input type="checkbox"/> Calcium Chloride Accelerator for Portland Cement Concrete | 138 |
| 24 | <input type="checkbox"/> Quality Control of Concrete Mixtures at the Plant | 139 |
| 25 | <input type="checkbox"/> Quality Control/Quality Assurance of Concrete Mixtures | 147 |
| 26 | <input type="checkbox"/> Digital Terrain Modeling for Earthwork Calculations | 163 |
| 27 | <input type="checkbox"/> Reserved | 165 |
| 28 | <input type="checkbox"/> Preventive Maintenance - Bituminous Surface Treatment (A-1) | 166 |
| 29 | <input type="checkbox"/> Reserved | 172 |
| 30 | <input type="checkbox"/> Reserved | 173 |
| 31 | <input type="checkbox"/> Reserved | 174 |
| 32 | <input type="checkbox"/> Temporary Raised Pavement Markers | 175 |
| 33 | <input type="checkbox"/> Restoring Bridge Approach Pavements Using High-Density Foam | 176 |
| 34 | <input type="checkbox"/> Portland Cement Concrete Inlay or Overlay | 179 |
| 35 | <input type="checkbox"/> Portland Cement Concrete Partial Depth Hot-Mix Asphalt Patching | 183 |
| 36 | <input type="checkbox"/> Longitudinal Joint and Crack Patching | 186 |

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

Local Roads And Streets Recurring Special Provisions

| <u>Check Sheet #</u> | | <u>Page No.</u> |
|----------------------|--|-----------------|
| LRS 1 | <input type="checkbox"/> Reserved | 189 |
| LRS 2 | <input type="checkbox"/> Furnished Excavation | 190 |
| LRS 3 | <input checked="" type="checkbox"/> Work Zone Traffic Control Surveillance | 191 |
| LRS 4 | <input checked="" type="checkbox"/> Flaggers in Work Zones | 192 |
| LRS 5 | <input checked="" type="checkbox"/> Contract Claims | 193 |
| LRS 6 | <input checked="" type="checkbox"/> Bidding Requirements and Conditions for Contract Proposals | 194 |
| LRS 7 | <input type="checkbox"/> Bidding Requirements and Conditions for Material Proposals | 200 |
| LRS 8 | Reserved | 206 |
| LRS 9 | <input type="checkbox"/> Bituminous Surface Treatments | 207 |
| LRS 10 | Reserved | 208 |
| LRS 11 | <input checked="" type="checkbox"/> Employment Practices | 209 |
| LRS 12 | <input checked="" type="checkbox"/> Wages of Employees on Public Works | 211 |
| LRS 13 | <input checked="" type="checkbox"/> Selection of Labor | 213 |
| LRS 14 | <input type="checkbox"/> Paving Brick and Concrete Paver Pavements and Sidewalks | 214 |
| LRS 15 | <input checked="" type="checkbox"/> Partial Payments | 217 |
| LRS 16 | <input type="checkbox"/> Protests on Local Lettings | 218 |
| LRS 17 | <input type="checkbox"/> Substance Abuse Prevention Program | 219 |
| LRS 18 | <input type="checkbox"/> Multigrade Cold Mix Asphalt | 220 |



| Local Public Agency | County | Section Number |
|--------------------------|-------------|----------------|
| Village of Buffalo Grove | Cook / Lake | 20-00000-03-GM |

The following Special Provision supplement the "Standard Specifications for Road and Bridge Construction", adopted

April 1, 2016, 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.

2020 Sidewalk Improvements Project

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FOR CONTRACT SPECIAL PROVISIONS

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General Conditions

1. Definition of Village of Buffalo Grove

All references in the contract relating to the Department, Awarding Authority, Village of Buffalo Grove, Village etc. shall mean the Village of Buffalo Grove.

2. Clean Construction and Demolition Debris (CCDD) Material Disposal

Work under this item shall be performed in compliance with the Illinois Environmental Protection Agency (IEPA) guidelines in effect at the time of construction.

The Contractor will be required to make all arrangements for coordination and submission of the necessary documents with their chosen CCDD or other suitable disposal facility. Written confirmation of preliminary approval must be provided from the disposal facility and confirmed by the Owner as acceptable.

All surplus, clean material generated from the Contractor's activities must be disposed of at an IEPA permitted CCDD or otherwise acceptable facility. The Contractor is responsible for providing documentation to the Owner for each load hauled off-site showing the quantity of material and the location the material was disposed of.

Disposal of clean material not in compliance with these requirements will constitute breach of contract. If the Contractor fails to provide adequate documentation supporting the legal disposal of clean material according to this special provision, the Contractor shall be fined \$1,000 per load of material and will assume all liability associated with material disposed of not in compliance with this special provision.

No extra compensation will be allowed to the Contractor for any expenses incurred complying with these requirements including but not limited to: delays, inconvenience, or interruptions in the work resulting from compliance with these requirements. All costs associated with material disposal shall be included into the appropriate unit bid prices for the work.

3. JULIE Notification

The Contractor shall call the Joint Utility Locating Information for Excavators (JULIE) (1-800-892-0123 or 811), a minimum of forty-eight (48) hours in advance of work being done in the area in accordance with Article 107.39 of the Standard Specifications.

For utilities which are not members, excluding homeowners, the Contractor shall contact the owners directly. The Contractor will be required to cooperate with all utility companies and municipal agencies involved in connection with the removal, temporary relocation, reconstruction or abandonment by these agencies of any and all services.

No additional compensation will be allowed the Contractor for any expense incurred by complying with these requirements, or because of delays, inconvenience or interruptions in his work resulting from the failure of the municipal agencies or utility company to remove, relocate, reconstruct or abandon their services.

4. Completion Date

The Contractor shall commence the work to be performed under this contract, on or near Monday, June 8, 2020. The work shall be prosecuted in such a manner and with such a supply of materials, equipment and labor as considered necessary to ensure its completion according to the time specified in the contract. The Contractor shall complete all work in the contract within thirty (30) working days following the date the Contractor actually begins work, however, all work shall be completed by Friday, August 14, 2020, including punch list items. Working days shall be defined per Article 108.04 of the Standard Specifications.

In case of failure to complete the work on time, the provisions of Article 108.09 of the Standard Specifications shall apply following the calendar day schedule of deductions.

The estimated Village Board award date for this project is Monday, March 16, 2020.

5. Contract Sequencing

The Contractor shall notify the Engineer at least 72 hours in advance of beginning work in each respective municipality and 48 hours prior to construction commencement on each subsequent street. Construction operations shall be conducted in a manner such that streets will remain open to all traffic. At no time shall residents or business owners be kept out of their driveway over a weekend or holiday as defined in article 107.09 of the Standard Specifications.

Work shall be scheduled so that it is continuous on the various roadways. The Contractor and approved Subcontractor(s) shall, at all times, employ and provide sufficient labor, tools, equipment, and other incidental items for prosecuting the work to full completion in the manner and time required by the contract.

6. Construction Work Periods

Construction operations shall be completed in accordance with Article 107.09 of the Standard Specifications. All work shall be confined to the period beginning at 7:00 AM and ending at 6:00 PM on weekdays. No work shall be done on weekends or legal holiday periods as defined in Article 107.09 of the Standard Specifications.

Any work outside the allowed time periods specified including but not limited to, material deliveries, mobilization of equipment, warming up machinery, and mobilization of equipment, a penalty of \$1,000 per occurrence may be imposed.

7. Pre-Construction Meeting

Prior to commencing any construction operations, there shall be a pre-construction meeting. The Owner or Engineer will set the time and date of the meeting following Contract award.

The following shall be submitted by the Contractor for review at the pre-construction meeting:

A Progress Schedule in accordance with Article 108.02.

The 24-hour emergency phone number and contact information of the assigned Contractor's superintendent, or otherwise.

The name and 24-hour emergency phone number of the person in the direct employ of the Contractor who is responsible for administrating the Traffic Control and Protection on the Contract

A list of subcontractors with contact information, including but not limited to name, phone number, and email address, and include quantity and type of work to be sublet for each respective subcontractor in accordance with Article 108.01 of the Standard Specifications.

A list of proposed sources of material.

Hot-mix asphalt and concrete mix designs, and respective quality control plans.

Any applicable shop drawing submittals.

8. Authority of the Engineer

Revise Article 105.01 Authority of Engineer to read:

"All work shall be done in accordance with the requirements of the Contract, the Engineer shall have the right, but not the obligation, to observe all work. The Engineer shall decide all questions that arise as to the interpretation of the Plans and Specifications and as to disputes and mutual rights between Contractors under the Specifications. The Engineer shall advise the Village of Buffalo Grove as to the quality and acceptability of materials furnished and work performed, rate of progress of the work, and acceptable fulfillment of the Contract. The Engineer will determine the amount of materials furnished and work performed. The Engineer's advice and determinations shall be conditions precedent to the right of the Contractor to receive money due the Contractor under the Contract."

"The Engineer will notify the Contractor in writing if the work is to be suspended by the Village of Buffalo Grove wholly or in part due to the failure of the Contractor to carry out provisions of the contract; for failure to carry out orders; for such periods due to unsuitable weather; for conditions considered unsuitable for the prosecution of the work or for any other condition or reason deemed to be in the public interest."

"In case of failure on the part of the Contractor to execute work as directed by the Engineer, the Village of Buffalo Grove may, at the expiration of a period of 48 hours after giving notice in writing to the Contractor, proceed to execute such work as may be deemed necessary, and the cost thereof shall be deducted from compensation due or which may become due to the Contractor under the contract."

The Engineer shall not assume any of the responsibilities of the Contractor's superintendent or of subcontractors; shall not expedite the work for the Contractor; and shall not advise on, or issue directions concerning aspects of construction means, methods, techniques, sequences or procedures, or safety precautions in connection with the work.

9. Status of Utilities (D-1)

Effective: June 1, 2016
 Revised: January 1, 2020

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

UTILITIES TO BE ADJUSTED

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

No conflicts to be resolved.

UTILITIES TO BE WATCHED AND PROTECTED

The areas of concern noted below have been identified by following the suggested staging plan included for the contract. The information provided is not a comprehensive list of all remaining utilities, but those which during coordination were identified as ones which might require the Department's contractor to take into consideration when making the determination of the means and methods that would be required to construct the proposed improvement. In some instances, the contractor will be responsible to notify the owner in advance of the work to take place so necessary staffing on the owner's part can be secured.

No facilities requiring extra consideration.

The following contact information is what was used during the preparation of the plans as provided by the owner of the facility.

| Agency/Company Responsible to Resolve Conflict | Name of Contact | Phone | E-mail address |
|--|------------------------------|----------------------------------|--|
| AT&T Distribution | Janet Ahern Hector Garcia | (630) 573-6414 (630) 573-5465 | Ja1763@att.com Hq2929@att.com |
| Comcast | Robert Stoll | (224) 229-5849 | Robert_Stoll@comcast.com |
| ComEd | Terri Bleck | | Terri.bleck@comed.com |
| Nicor Gas | Bruce Koppang | (630) 388-3046 | gasmaps@agleresources.com |
| | | | |

The above represents the best information available to the Department and is included for the convenience of the bidder. The days required for conflict resolution should be considered in the bid as this information has also been factored into the timeline identified for the

project when setting the completion date. The applicable portions of the Standard Specifications for Road and Bridge Construction shall apply.

Estimated duration of time provided above for the first conflicts identified will begin on the date of the executed contract regardless of the status of the utility relocations. The responsible agencies will be working toward resolving subsequent conflicts in conjunction with contractor activities in the number of days noted.

The estimated relocation duration must be part of the progress schedule submitted by the contractor. A utility kickoff meeting will be scheduled between the Department, the Department's contractor and the utility companies when necessary. The Department's contractor is responsible for contacting J.U.L.I.E. prior to all excavation work.

10. Use of Fire Hydrants

The indiscriminate use of fire hydrants is strictly prohibited. The Contractor can obtain non-potable water in bulk at no charge at the Buffalo Grove Public Works Department, 51 Raupp Blvd. The Contractor shall provide a water truck or containment and driver to obtain and transport the water. All water obtained from the Village shall be used for this project only. If deemed necessary, the Village reserves the right to restrict or refuse the use of Village water. The Contractor will be responsible for executing the required paperwork and follow all requirements of the Village. If it is determined that the Contractor or its subcontractors operate or use a Village fire hydrant, a monetary penalty of \$1,000 per occurrence that will be imposed.

11. Protection of Mailboxes

The Contractor shall take all necessary precautions when working near mailboxes within or adjacent to the project limits. If at the Contractor's discretion, a mailbox will interfere with construction operations, a temporary mailbox shall be located per the United States Postal Service requirements and the permanent mailbox reinstalled following said operation. At no time shall a resident be without a mailbox or not receive mail due to a mailbox being removed, replaced or damaged. The Contractor shall replace, at no additional cost to the Owner, any mailbox or post which has been damaged by the Contractor's operations due to neglect, misconduct or poor workmanship. The cost of all materials required and all labor necessary to comply with this specification herein will not be paid for separately, but shall be considered as included in the unit prices bid and no additional compensation shall be allowed.

The Contractor must maintain access for both residents and mail carriers to all mailboxes throughout the duration of the project.

12. Dust Control

The Contractor shall be required to control dust or air-borne dirt resulting from construction operations by utilizing a mechanical street sweeper on all pavement within or adjacent to the project work zone throughout the duration of the project. The resulting debris shall be disposed of off-site in accordance with Article 202.03 of the Standard Specifications. Individual fire hydrant use shall not be permitted to control dust at specific locations. The Contractor shall provide dust control operations daily or as directed by the Engineer.

The cost of this work shall be included in the unit prices bid and no additional compensation shall be allowed to control dust as specified herein.

13. Saw Cutting

The Contractor shall be required to perform a perpendicularly straight joint by full-depth machine sawing of all proposed items to be removed prior to removal operations to prevent damage or spalling to existing hardscape to remain. Simple or partial depth scoring shall not be permitted. Saw cut locations may or may not be shown on the plans, however, shall be required in the field. All sawcut slurry, regardless of the amount, shall be promptly removed to prevent tracking. Any slurry tracked or left on surfaces to remain shall be thoroughly cleaned or replaced, at the direction of the Village or Engineer, by the Contractor at no additional cost to the Village.

The Contractor shall replace, at no additional cost to the Village, any hardscape, outside of the limit of improvements, damaged by the Contractor's operations due to neglect, misconduct, or poor workmanship.

14. Public Notification

The Contractor shall be required to provide and distribute letters to residents or business owners anytime access will be affected to a home or utility service is interrupted. Letters shall be typed on standard 8.5" x 11" paper and an envelope may or may not be used. All letters,

including those written and distributed by a subcontractor, shall be printed on the General Contractor's letterhead and shall include the name, address, and telephone number of the General Contractor's person in charge.

Letters shall be taped to a non-painted surface using painters tape or approved equal, and will be placed in as many locations as needed to ensure they will be visible to residents. Distributing letters via mailbox is discouraged, however, must be compliant with all United States Postal Service federal regulations. Notification letters shall include but is not limited to the following:

- Exact day and time work is to begin that will affect access (weather permitting).
- How the resident will know they may resume normal access to their property.
- The anticipated length of the closure (no more than one week will be permitted).
- Specific location where parking is permitted, both overnight and during the working day (as signed and normally permitted during daytime).
- The Village of Buffalo Grove Police Department has been notified that overnight parking will be permitted. (It shall be the responsibility of the Contractor to confirm this with the Village.)
- The Contractor will go door-to-door the moment prior to work is to begin to ensure all accommodations are made.
- General Contractor's person in charge name and contact information for additional information or specific requests.
- If applicable, provide Resident flushing procedures (following reconnection of the water service, resident to flush inside of the house via the bath or utility sink for ten minutes prior to consumption).

Notification letters shall be distributed a minimum of 24 hours prior to access being affected or otherwise. If this requirements is not met, work shall not commence. **All letters must be approved by the Village or Engineer prior to and for each individual distribution.** Additional letters may be required when weather or other unforeseen circumstances change the schedule. When requested, the Contractor is required to return or provide correspondence from a resident within 24 hours.

Under special circumstances, the Village, may choose to write a notification letter and the Contractor shall still be responsible for delivering the letter as specified herein. An example of a resident notification letter can be found in Appendix A.

The Contractor must comply with all of the above-mentioned statements otherwise a monetary penalty of \$100 per household, per calendar day shall be imposed.

15. Landscape Restoration

This work shall include all labor, material, and equipment necessary to furnish, install, and maintain pulverized topsoil, seed, and granular mulch in accordance with Sections 211 and 250 of the Standard Specifications and as specified herein. This general condition shall only apply when the area of disturbance is six (6) inches or less from the edge of the proposed hardscape. When additional landscape restoration is required by the Engineer to blend the new sidewalk elevation to the existing terrain over a minimal slope, the applicable pay item shall be used and the work paid for accordingly.

Pulverized topsoil shall not be placed until all irregularities, depressions, or high points in the surface are removed and smooth to the lines and grades as directed by the Engineer. The surface of the topsoil shall be blended to match the existing terrain, and be free from clods, stones, sticks, and debris.

The Contractor shall furnish and place IDOT Class 1A salt tolerant lawn mixture, produced and tested in the current year, and be free of weeds. Within 24 hours of seed placement, granular mulch made from recycled wood and cellulose fibers shall be placed on the areas specified. Mulch shall be applied uniformly and in accordance with the manufacturer's recommendation. The granular mulch shall be produced by Profile® Seed Aide® CoverGrow™ or approved equal.

It is recommended that the Contractor water each area every other day at a rate of three (3) gallons per square yard, however, it is the sole and exclusive responsibility of the Contractor to make required adjustments to the watering rate or schedule.

The cost of this work shall be included in the unit prices bid and no additional compensation shall be allowed to establish a live, healthy turf area, following disturbance.

16. Earth Excavation

All earth excavation required to complete this project to the proposed lines, grades, and cross sections shall be in accordance with Section 202 of the Standard Specifications. Earth excavation will not be paid for separately but shall be included in the cost of the item requiring the excavation. All surplus excavated material shall be disposed of off-site in accordance with Article 202.03 of the Standard Specifications.

17. Traffic Control and Protection

Effective: September 30, 1985

Revised: January 1, 2007

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

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

Delays to the Contractor caused by complying with these requirements will be considered included in the cost of the contract, and no additional compensation will be allowed.

Standards

701006, 701301, 701501, 701801 and 701901

Details

TC-10 Traffic Control and Protection for Side Road, Intersections and Driveways

Special Provisions

Maintenance of Roadways

LRS 3 – Work Zone Traffic Control Surveillance

LRS 4 – Flaggers in Work Zones

BDE – Equipment Parking and Storage

BDE – Traffic Control Devices - Cones

18. Maintenance of Roadways

Effective: September 30, 1985

Revised: November 1, 1996

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

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

19. Certified Payroll Reports

The Village of Buffalo Grove requests that the Contractor submit all certified payroll reports, including subcontractors, and EEO reporting be sent electronically in separate files for each respective Contractor/subcontractor with the weeks ending date in the file name to kjohnson@vbg.org (i.e. Contractor Name_Week Ending.pdf) as shown in the sample letter in Appendix A.

The Contractor is responsible for providing all records in accordance with the Illinois Department of Labor's (IDOL) requirements pertaining to the Prevailing Wage Act on the standard IDOL form. Only the last four (4) digits of the employee's social security number will be required; the remaining digits shall be "X" or redacted. To complete the certified payroll request for release of payment, the Contractor must supply a signed and notarized written statement that all necessary documentation has been turned over for the pay period pertaining to that payment requested.

Under P.A. 98-0328, the public body must retain copies of the certified payroll for 5 years rather than 3 years as was the case previously. The Illinois Department of Labor (IDOL) has created model certified payroll forms which can be found at the IDOL website www.illinois.gov/idol. The new form consists of three pages identified as the "certified transcript of payroll affidavit" and "certified transcript of payroll instructions". The new forms on the IDOL website can be filled in online and then printed out. Under P.A. 98-0482, contractors and subcontractors will have to provide additional information with respect to working hours, wage rates, overtime rates and fringe benefits. The IDOL's model certified payroll forms are the most current forms for compliance with P.A. 98-0482 and should be used in public works contracts.

20. Monetary Penalties

All work shall be completed in accordance with the Contract Documents in a reasonable and timely manner. For each occurrence that work is not completed in a reasonable and timely manner, a monetary penalty will be deducted from the final pay application. The Contractor shall make themselves and all subcontractors aware of the following deficiency and deductions:

| Description | Penalty | Per Occurrence |
|--|---------|---------------------------|
| Failure to Sweep Roadway | \$250 | Calendar Day |
| Failure to Maintain Trench | \$250 | Calendar Day |
| Failure to Adhere to Period of Establishment Requirements | \$250 | Calendar Day |
| Distributing Unapproved Resident Notices | \$100 | Household |
| Failure to Distribute Notices in a Timely Manner | \$100 | Household |
| Failure to Distribute Notice to Resident | \$100 | Household |
| Failure to Provide Access in a Timely Manner | \$250 | Household Per Day |
| Failure to Provide Weekly Update to Engineer | \$1,000 | Per Occurrence |
| Failure to Attend a Scheduled Weekly Meeting | \$1,000 | Per Occurrence |
| Failure to Respond in a Timely Manner to a Resident | \$250 | Calendar Day |
| Failure to Ramp Roadway or Driveway | \$250 | Household/Roadway Per Day |
| Use of Fire Hydrant or Valve | \$1,000 | Each |
| Failure to Provide Maintenance of Roadway in a Timely Manner as Determined by the Engineer | \$1,000 | Calendar Day |
| Entering Private Property | \$500 | Per Occurrence |
| Failure to Provide Portable Facilities | \$100 | Calendar Day |
| Illicit Discharge of Silt or Construction Debris | \$1,000 | Per Occurrence |
| Failure to Submit Shop Drawings on Time | \$500 | Per Occurrence |
| Failure to Maintain Erosion and/or Sediment Control Devices | \$1,000 | Per Occurrence |
| Working Outside Allowable Work Hours | \$1,000 | Per Occurrence |

At the discretion of the Engineer and without notice, the Contractor shall have deducted the monetary penalty amount as listed above for each occurrence on the final pay application.

Special Provisions

1. Tree Root Pruning

This work shall include all labor, material, and equipment necessary to prune existing tree roots in accordance with Section 201 of the Standard Specifications and as specified herein.

Following the complete removal of a sidewalk section, all exposed tree roots shall be pruned or ground down to a depth of twelve (12) inches below the existing sidewalk subgrade. This work shall not commence until an approved self-propelled, walk behind stump grinder is on site. Additional hand work may be required with a saw or axe. No roots shall be ripped, pulled, or torn.

The resulting material from tree root pruning operations shall be removed and disposed of off-site according to Article 202.03

This work will be measured in place and paid for at the contract unit price per (EA) for TREE ROOT PRUNING, which price shall include all labor, material, and equipment required to complete the work as specified herein. Tree root pruning will be measured for payment as each per tree, regardless of how many actual tree roots are pruned for each.

2. Aggregate Base Course, Type B

This work shall include all labor, material, and equipment necessary to furnish and place aggregate base course on a prepared subgrade or subbase in accordance with Section 351 of the Standard Specifications and as specified herein.

Following removal and tree root pruning operations, the subgrade shall be prepared according to Section 301, except Article 301.12 will not apply. Any void resulting from tree root pruning operations as specified herein and additional aggregate material shall be placed and compacted to meet the proposed adjacent lines and grades as directed by the Engineer.

The material used for this item shall be exclusively IDOT certified Class B course aggregate material meeting the gradation of CA-6 in accordance with Section 1004 of the Standard Specifications. Crushed concrete may be used as specified herein but shall be an IDOT approved material.

All aggregate shall be compacted to 95% modified proctor density conforming to ASTM D-1557 or AASHTO T-180.

This work will be measured in place and paid for at the contract unit price per ton (TN) for AGGREGATE BASE COURSE, TYPE B, which price shall include all labor, material, and equipment required to complete the work as specified herein.

3. Portland Cement Concrete Driveway Pavement

This work shall include all labor, material, and equipment necessary to construct portland cement concrete driveway pavement, of the depth specified, on a prepared subgrade where marked by the Engineer and in accordance with Section 423 of the Standard Specifications and as specified herein.

The proposed concrete driveway pavement shall be poured within 24 hours following the completion of removal operations at each respective location.

At points where the proposed concrete driveway pavement abuts existing sidewalk and curb, #4 smooth epoxy coated dowel bars at 24" on center and 1/2 in preformed expansion joint filler shall be installed. The expansion joint filler shall extend the entire depth of the concrete driveway edging. No expansion joint or dowel bars shall be required along the edge of abutting existing driveway pavement.

The proposed driveway pavement material shall be portland cement concrete in accordance with Section 1020 of the Standard Specifications.

This work will be measured in place and paid for at the contract unit price per square yard (SY) for PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, of the depth specified, which shall include all labor, material, and equipment required to complete the work as specified herein.

4. Portland Cement Concrete Sidewalk

This work shall include all labor, material, and equipment necessary to construct portland cement concrete sidewalk and sidewalk accessibility ramps, of the depth specified, on a prepared subgrade where marked by the Engineer and in accordance with Section 424 of the Standard Specifications and as specified herein.

The proposed concrete sidewalk shall be poured within 24 hours following the completion of removal operations at each respective location.

If no existing expansion joint exists within 50 ft in either direction of the spot repair location, a ½ in preformed expansion joint filler shall be installed at the direction of the Engineer. Transverse expansion joints shall be placed at maximum intervals of 50 ft in the sidewalk. The expansion joint filler shall extend the entire depth of the concrete driveway edging. #4 smooth epoxy coated dowel bars shall be installed at 24" on center at sidewalk accessibility ramps between the keystone and curb.

The proposed sidewalk material shall be portland cement concrete in accordance with Section 1020 of the Standard Specifications.

This work will be measured in place and paid for at the contract unit price per square foot (SF) for PORTLAND CEMENT CONCRETE SIDEWALK, of the depth specified, which shall include all labor, material, and equipment required to complete the work as specified herein.

5. Hot-Mix Asphalt Driveway Pavement

This work shall include all labor, material, and equipment necessary to furnish and install hot-mix asphalt driveway pavement in accordance with the applicable portions of Sections 355 and 406 of the Standard Specifications and the detail shown herein.

The proposed driveway pavement, of the specified thickness, shall be exclusively Hot-Mix Asphalt, Mix "D", IL-9.5, N50, in accordance with the Hot-Mix Asphalt Mixture Requirements table as described herein and Section 1030 of the Standard Specifications.

HMA – MIXTURE REQUIREMENTS

| MIXTURE TYPE | AIR VOIDS @ Npdes |
|---|-------------------|
| DRIVEWAY | |
| HMA Surface Course, Mix 'D', IL-9.5, N50 3" | 4% @ 50 Gyr. |

This work will be measured in place and paid for at the contract unit price per square yard (SY) for HOT-MIX ASPHALT DRIVEWAY PAVEMENT, of the depth specified, which shall include all labor, material, and equipment required to complete the work as specified herein.

6. General Landscape Restoration (Special)

This work shall include all labor, material, and equipment necessary to furnish, place, and maintain pulverized topsoil, seed, fertilizer nutrients, and erosion control blanket in accordance with Section(s) 211, 250, and 251 of the Standard Specifications and as specified herein.

Pulverized topsoil shall be placed to a maximum depth of four (4) inches and not be placed until the area has been shaped, trimmed, and finished to the lines and grades as directed by the Engineer. All irregularities, depressions, or high points in the surface shall be filled or smoothed out before topsoil is placed. The surface of the topsoil shall be blended to match the existing terrain and adjacent hardscape, and be free from clods, stones, sticks, and debris.

The Contractor shall furnish and place IDOT Class 1A salt tolerant lawn mixture, produced and tested in the current year, be of good quality, and free of weeds. Nitrogen and potassium fertilizer nutrients shall be applied at a 1:1 ratio in accordance with Article 250.04 of the Standard Specifications (phosphorus is not permitted). Within 24 hours of seed placement, erosion control blanket shall be installed in accordance with Article 251.04 of the Standard Specifications.

It is recommended that the Contractor water the area every other day at a rate of three (3) gallons per square yard, however, it is the sole and exclusive responsibility of the Contractor to make required adjustments to the watering rate or schedule.

To be acceptable for final payment, the landscaped areas shall undergo a 30-day period of establishment beginning on the last day that seed is sowed. During this period, the Contractor shall be responsible for, at no additional cost to the Village, watering, removing weeds and maintaining the seeded areas and repairing any damage to the seeded areas due to but not limited to, errant vehicles, severe weather or all other causes. At the end of the 30-day period of establishment, the Owner or Engineer will inspect the landscaped area and if deemed unsatisfactory, the Contractor shall be required to provide means and methods necessary to establish a live, healthy turf area. Should the seed not germinate because of prevailing cool weather, the period of establishment may be adjusted as determined by the Engineer. It shall be the sole and exclusive responsibility of the Contractor, not the Engineer, for maintaining and monitoring the landscape restoration during the period of establishment. If the placed landscape restoration has not been approved by the Owner or Engineer sixty (60) calendar days following installation, the Contractor will incur a monetary penalty of \$250 per calendar day.

Planting times shall be April 1 to June 15 and August 1 to November 1 in accordance with Article 250.07 of the Standard Specifications.

The Contractor shall provide the Engineer with proper documentation on the landscaping materials supplied to the project such as topsoil source, topsoil certification, fertilizer bags, seed tags, and seed bags.

Upon placement of topsoil, seed, fertilizer nutrients, and mulch, 75 percent of each respective pay item will be paid. Upon final acceptance of the topsoil, seed, fertilizer nutrients, and mulch placed, the remaining 25 percent of each respective pay item will be paid.

The Village may postpone permanent seeding operations if deemed necessary. In such an event, the completion date may be extended accordingly.

This work will be measured in place and paid for at the contract unit price per square yard (SY) for GENERAL LANDSCAPE RESTORATION (SPECIAL), which shall include all labor, material, and equipment required to complete the work as specified herein.

7. Detectable Warnings (Furnished by Others)

This work shall include all labor, material, and equipment necessary to place furnished detectable warning plates as directed by the Engineer in accordance with Section 424 of the Standard Specifications and as specified herein.

The Village of Buffalo Grove will furnish 24"x24" detectable warning plates. The Contractor shall coordinate the retrieval of materials from the Department of Public Works (51 Raupp Blvd, Buffalo Grove, IL) from 7:00 AM to 3:00 PM, a minimum of 48 hours in advance of when the plates will be needed.

Cutting the panels will only be allowed on the ends of each detectable plate but must be cut in a neat and workman like manner per the manufacturers requirements. The cutting of two panels to develop a radius will not be permitted.

This work will be measured in place and paid for at the contract unit price per square foot (SF) for DETECTABLE WARNINGS (FURNISHED BY OTHERS), which shall include all labor, material, and equipment required to complete the work as specified herein.

8. Combination Concrete Curb and Gutter

This work shall include all labor, material, and equipment necessary to construct combination concrete curb and gutter, of the type specified, as marked by the Engineer in accordance with Section 606 of the Standard Specifications and as specified herein.

The Contractor shall closely match the existing combination concrete curb and gutter style type of the adjacent existing curb and gutter. This work shall include the installation of two #4 continuous reinforcing bars as shown on the Engineering plans along the full length of the new curb and gutter. Where new curb and gutter abuts existing concrete, two (2) smooth epoxy coated #4 dowel bars shall be installed. The depth of the proposed concrete curb and gutter shall match the existing adjacent depth.

The proposed curb and gutter material shall be portland cement concrete in accordance with Section 1020 of the Standard Specifications and shall have polyurethane coated fiber in the mix. The fiber shall be mixed in the concrete at a rate of 1.5 lbs per cubic yard of concrete at the ready mix plant. Mixing of the concrete and fibers shall not be permitted on the project site.

This work will be measured in place and paid for at the contract unit price per foot (FT) for COMBINATION CONCRETE CURB AND GUTTER, of the type specified, (ABUTTING EXISTING PAVEMENT), which shall include all labor, material, and equipment required to complete the work as specified herein.

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

SPECIAL PROVISION
FOR
INSURANCE

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

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

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

Village of Buffalo Grove

Gewalt Hamilton Associates, Inc.

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

BDE SPECIAL PROVISIONS
For the April 24, 2020 and June 12, 2020 Lettings

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

| File Name | # | | Special Provision Title | Effective | Revised |
|-----------|-------|----|--|---------------|---------------|
| * | 80099 | 1 | <input type="checkbox"/> Accessible Pedestrian Signals (APS) | April 1, 2003 | April 1, 2020 |
| | 80274 | 2 | <input type="checkbox"/> Aggregate Subgrade Improvement | April 1, 2012 | April 1, 2016 |
| | 80192 | 3 | <input type="checkbox"/> Automated Flagger Assistance Device | Jan. 1, 2008 | |
| | 80173 | 4 | <input type="checkbox"/> Bituminous Materials Cost Adjustments | Nov. 2, 2006 | Aug. 1, 2017 |
| | 80426 | 5 | <input type="checkbox"/> Bituminous Surface Treatment with Fog Seal | Jan. 1, 2020 | |
| | 80241 | 6 | <input type="checkbox"/> Bridge Demolition Debris | July 1, 2009 | |
| | 50261 | 7 | <input type="checkbox"/> Building Removal-Case I (Non-Friable and Friable Asbestos) | Sept. 1, 1990 | April 1, 2010 |
| | 50481 | 8 | <input type="checkbox"/> Building Removal-Case II (Non-Friable Asbestos) | Sept. 1, 1990 | April 1, 2010 |
| | 50491 | 9 | <input type="checkbox"/> Building Removal-Case III (Friable Asbestos) | Sept. 1, 1990 | April 1, 2010 |
| | 50531 | 10 | <input type="checkbox"/> Building Removal-Case IV (No Asbestos) | Sept. 1, 1990 | April 1, 2010 |
| | 80425 | 11 | <input type="checkbox"/> Cape Seal | Jan. 1, 2020 | |
| | 80384 | 12 | <input type="checkbox"/> Compensable Delay Costs | June 2, 2017 | April 1, 2019 |
| | 80198 | 13 | <input type="checkbox"/> Completion Date (via calendar days) | April 1, 2008 | |
| | 80199 | 14 | <input type="checkbox"/> Completion Date (via calendar days) Plus Working Days | April 1, 2008 | |
| | 80293 | 15 | <input type="checkbox"/> Concrete Box Culverts with Skews > 30 Degrees and Design Fills ≤ 5 Feet | April 1, 2012 | July 1, 2016 |
| | 80311 | 16 | <input type="checkbox"/> Concrete End Sections for Pipe Culverts | Jan. 1, 2013 | April 1, 2016 |
| | 80277 | 17 | <input type="checkbox"/> Concrete Mix Design – Department Provided | Jan. 1, 2012 | April 1, 2016 |
| | 80261 | 18 | <input type="checkbox"/> Construction Air Quality – Diesel Retrofit | June 1, 2010 | Nov. 1, 2014 |
| | 80387 | 19 | <input type="checkbox"/> Contrast Preformed Plastic Pavement Marking | Nov. 1, 2017 | |
| | 80029 | 20 | <input type="checkbox"/> Disadvantaged Business Enterprise Participation | Sept. 1, 2000 | March 2, 2019 |
| | 80402 | 21 | <input type="checkbox"/> Disposal Fees | Nov. 1, 2018 | |
| | 80378 | 22 | <input type="checkbox"/> Dowel Bar Inserter | Jan. 1, 2017 | Jan. 1, 2018 |
| | 80405 | 23 | <input type="checkbox"/> Elastomeric Bearings | Jan. 1, 2019 | |
| | 80421 | 24 | <input type="checkbox"/> Electric Service Installation | Jan. 1, 2020 | |
| | 80415 | 25 | <input type="checkbox"/> Emulsified Asphalts | Aug. 1, 2019 | |
| | 80423 | 26 | <input type="checkbox"/> Engineer's Field Office and Laboratory | Jan. 1, 2020 | |
| | 80388 | 27 | <input type="checkbox"/> Equipment Parking and Storage | Nov. 1, 2017 | |
| | 80229 | 28 | <input type="checkbox"/> Fuel Cost Adjustment | April 1, 2009 | Aug. 1, 2017 |
| | 80417 | 29 | <input type="checkbox"/> Geotechnical Fabric for Pipe Underdrains and French Drains | Nov. 1, 2019 | |
| | 80420 | 30 | <input type="checkbox"/> Geotextile Retaining Walls | Nov. 1, 2019 | |
| | 80304 | 31 | <input type="checkbox"/> Grooving for Recessed Pavement Markings | Nov. 1, 2012 | Nov. 1, 2017 |
| | 80422 | 32 | <input type="checkbox"/> High Tension Cable Median Barrier Reflectors | Jan. 1, 2020 | |
| | 80416 | 33 | <input type="checkbox"/> Hot-Mix Asphalt – Binder and Surface Course | July 2, 2019 | Nov. 1, 2019 |
| | 80398 | 34 | <input type="checkbox"/> Hot-Mix Asphalt – Longitudinal Joint Sealant | Aug. 1, 2018 | Nov. 1, 2019 |
| * | 80406 | 35 | <input type="checkbox"/> Hot-Mix Asphalt – Mixture Design Verification and Production (Modified for I-FIT Data Collection) | Jan. 1, 2019 | Jan. 2, 2020 |
| | 80347 | 36 | <input type="checkbox"/> Hot-Mix Asphalt – Pay for Performance Using Percent Within Limits – Jobsite Sampling | Nov. 1, 2014 | July 2, 2019 |
| | 80383 | 37 | <input type="checkbox"/> Hot-Mix Asphalt – Quality Control for Performance | April 1, 2017 | July 2, 2019 |
| | 80411 | 38 | <input type="checkbox"/> Luminaires, LED | April 1, 2019 | |
| | 80393 | 39 | <input type="checkbox"/> Manholes, Valve Vaults, and Flat Slab Tops | Jan. 1, 2018 | March 1, 2019 |
| | 80045 | 40 | <input type="checkbox"/> Material Transfer Device | June 15, 1999 | Aug. 1, 2014 |
| | 80418 | 41 | <input type="checkbox"/> Mechanically Stabilized Earth Retaining Walls | Nov. 1, 2019 | |
| | 80424 | 42 | <input type="checkbox"/> Micro-Surfacing and Slurry Sealing | Jan. 1, 2020 | |
| * | 80428 | 43 | <input type="checkbox"/> Mobilization | April 1, 2020 | |
| | 80165 | 44 | <input type="checkbox"/> Moisture Cured Urethane Paint System | Nov. 1, 2006 | Jan. 1, 2010 |
| | 80412 | 45 | <input type="checkbox"/> Obstruction Warning Luminaires, LED | Aug. 1, 2019 | |
| | 80349 | 46 | <input type="checkbox"/> Pavement Marking Blackout Tape | Nov. 1, 2014 | April 1, 2016 |

| | | | | | |
|---------|----|--------------------------|--|---------------|---------------|
| 80371 | 47 | <input type="checkbox"/> | Pavement Marking Removal | July 1, 2016 | |
| 80389 | 48 | <input type="checkbox"/> | Portland Cement Concrete | Nov. 1, 2017 | |
| 80359 | 49 | <input type="checkbox"/> | Portland Cement Concrete Bridge Deck Curing | April 1, 2015 | Nov. 1, 2019 |
| 80300 | 50 | <input type="checkbox"/> | Preformed Plastic Pavement Marking Type D - Inlaid | April 1, 2012 | April 1, 2016 |
| 34261 | 51 | <input type="checkbox"/> | Railroad Protective Liability Insurance | Dec. 1, 1986 | Jan. 1, 2006 |
| 80157 | 52 | <input type="checkbox"/> | Railroad Protective Liability Insurance (5 and 10) | Jan. 1, 2006 | |
| * 80306 | 53 | <input type="checkbox"/> | Reclaimed Asphalt Pavement (RAP) and Reclaimed Asphalt Shingles (RAS) | Nov. 1, 2012 | Jan. 2, 2020 |
| 80407 | 54 | <input type="checkbox"/> | Removal and Disposal of Regulated Substances | Jan. 1, 2019 | Jan. 1, 2020 |
| * 80419 | 55 | <input type="checkbox"/> | Silt Fence, Inlet Filters, Ground Stabilization and Riprap Filter Fabric | Nov. 1, 2019 | April 1, 2020 |
| 80395 | 56 | <input type="checkbox"/> | Sloped Metal End Section for Pipe Culverts | Jan. 1, 2018 | |
| 80340 | 57 | <input type="checkbox"/> | Speed Display Trailer | April 2, 2014 | Jan. 1, 2017 |
| 80127 | 58 | <input type="checkbox"/> | Steel Cost Adjustment | April 2, 2004 | Aug. 1, 2017 |
| 80408 | 59 | <input type="checkbox"/> | Steel Plate Beam Guardrail Manufacturing | Jan. 1, 2019 | |
| 80413 | 60 | <input type="checkbox"/> | Structural Timber | Aug. 1, 2019 | |
| 80397 | 61 | <input type="checkbox"/> | Subcontractor and DBE Payment Reporting | April 2, 2018 | |
| 80391 | 62 | <input type="checkbox"/> | Subcontractor Mobilization Payments | Nov. 2, 2017 | April 1, 2019 |
| 80317 | 63 | <input type="checkbox"/> | Surface Testing of Hot-Mix Asphalt Overlays | Jan. 1, 2013 | Aug. 1, 2019 |
| 80298 | 64 | <input type="checkbox"/> | Temporary Pavement Marking | April 1, 2012 | April 1, 2017 |
| 80403 | 65 | <input type="checkbox"/> | Traffic Barrier Terminal, Type 1 Special | Nov. 1, 2018 | |
| 80409 | 66 | <input type="checkbox"/> | Traffic Control Devices - Cones | Jan. 1, 2019 | |
| 80410 | 67 | <input type="checkbox"/> | Traffic Spotters | Jan. 1, 2019 | |
| 20338 | 68 | <input type="checkbox"/> | Training Special Provisions | Oct. 15, 1975 | |
| 80318 | 69 | <input type="checkbox"/> | Traversable Pipe Grate for Concrete End Sections | Jan. 1, 2013 | Jan. 1, 2018 |
| * 80429 | 70 | <input type="checkbox"/> | Ultra-Thin Bonded Wearing Course | April 1, 2020 | |
| 80288 | 71 | <input type="checkbox"/> | Warm Mix Asphalt | Jan. 1, 2012 | April 1, 2016 |
| 80302 | 72 | <input type="checkbox"/> | Weekly DBE Trucking Reports | June 2, 2012 | April 2, 2015 |
| * 80414 | 73 | <input type="checkbox"/> | Wood Fence Sight Screen | Aug. 1, 2019 | April 1, 2020 |
| * 80427 | 74 | <input type="checkbox"/> | Work Zone Traffic Control Devices | Mar. 2, 2020 | |
| 80071 | 75 | <input type="checkbox"/> | Working Days | Jan. 1, 2002 | |

The following special provisions are in the 2020 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> |
|------------------|---|--|------------------|----------------|
| 80404 | Coarse Aggregate Quality for Micro-Surfacing and Cape Seals | Article 1004.01(b) | Jan. 1, 2019 | |
| 80392 | Lights on Barricades | Articles 701.16, 701.17(c)(2) & 603.07 | Jan. 1, 2018 | |
| 80336 | Longitudinal Joint and Crack Patching | Check Sheet #36 | April 1, 2014 | April 1, 2016 |
| 80400 | Mast Arm Assembly and Pole | Article 1077.03(b) | Aug. 1, 2018 | |
| 80394 | Metal Flared End Section for Pipe Culverts | Articles 542.07(c) and 542.11 | Jan. 1, 2018 | April 1, 2018 |
| 80390 | Payments to Subcontractors | Article 109.11 | Nov. 2, 2017 | |

The following special provisions have been deleted from use.

| <u>File Name</u> | <u>Special Provision Title</u> | <u>Effective</u> | <u>Revised</u> |
|------------------|--------------------------------|------------------|----------------|
| 80328 | Progress Payments | Nov. 2, 2013 | |

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

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

COMPENSABLE DELAY COSTS (BDE)

Effective: June 2, 2017

Revised: April 1, 2019

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Add the following to Section 109 of the Standard Specifications.

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

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

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

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

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

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

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

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

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

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

CONSTRUCTION AIR QUALITY – DIESEL RETROFIT (BDE)

Effective: June 1, 2010

Revised: November 1, 2014

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Diesel Retrofit Deficiency Deduction

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

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

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

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

80261

DISPOSAL FEES (BDE)

Effective: November 1, 2018

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

- “(5) Disposal Fees. When the extra work performed includes paying for disposal fees at a clean construction and demolition debris facility, an uncontaminated soil fill operation or a landfill, the Contractor shall receive, as administrative costs, an amount equal to five percent of the first \$10,000 and one percent of any amount over \$10,000 of the total approved costs of such fees.
- (6) Miscellaneous. No additional allowance will be made for general superintendence, the use of small tools, or other costs for which no specific allowance is herein provided.
- (7) Statements. No payment will be made for work performed on a force account basis until the Contractor has furnished the Engineer with itemized statements of the cost of such force account work. Statements shall be accompanied and supported by invoices for all materials used and transportation charges. However, if materials used on the force account work are not specifically purchased for such work but are taken from the Contractor’s stock, then in lieu of the invoices, the Contractor shall furnish an affidavit certifying that such materials were taken from his/her stock, that the quantity claimed was actually used, and that the price and transportation claimed represent the actual cost to the Contractor.

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

- a. Name, classification, date, daily hours, total hours, rate, and extension for each laborer and foreman. Payrolls shall be submitted to substantiate actual wages paid if so requested by the Engineer.
 - b. Designation, dates, daily hours, total hours, rental rate, and extension for each unit of machinery and equipment.
 - c. Quantities of materials, prices and extensions.
 - d. Transportation of materials.
 - e. Cost of property damage, liability and workmen’s compensation insurance premiums, unemployment insurance contributions, and social security tax.
- (8) Work Performed by an Approved Subcontractor. When extra work is performed by an approved subcontractor, the Contractor shall receive, as administrative costs, an amount equal to five percent of the total approved costs of such work with the minimum payment being \$100.

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

80402

EMULSIFIED ASPHALTS (BDE)

Effective: August 1, 2019

Revise Article 1032.06 of the Standard Specifications to read:

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

- (a) Anionic Emulsified Asphalt. Anionic emulsified asphalts RS-1, RS-2, HFRS-2, SS-1h, and SS-1 shall be according to AASHTO M 140, except as follows.
 - (1) The cement mixing test will be waived when the emulsion is being used as a tack coat.
 - (2) The Solubility in Trichloroethylene test according to AASHTO T 44 may be run in lieu of Ash Content and shall meet a minimum of 97.5 percent.
- (b) Cationic Emulsified Asphalt. Cationic emulsified asphalts CRS-1, CRS-2, CSS-1h, and CSS-1 shall be according to AASHTO M 208, except as follows.
 - (1) The cement mixing test will be waived when the emulsion is being used as a tack coat.
 - (2) The Solubility in Trichloroethylene test according to AASHTO T 44 may be run in lieu of Ash Content and shall meet a minimum of 97.5 percent.
- (c) High Float Emulsion. High float emulsions HFE-90, HFE-150, and HFE-300 are medium setting and shall be according to the following table.

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

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

1/ The emulsion shall be pumpable.

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

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

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

- (e) Delete this subparagraph.
- (f) Polymer Modified Emulsified Asphalt. Polymer modified emulsified asphalts, e.g. SS-1hP, CSS-1hP, CRS-2P (formerly CRSP), CQS-1hP (formerly CSS-1h Latex Modified) and HFRS-2P (formerly HFP) shall be according to AASHTO M 316, except as follows.
- (1) The cement mixing test will be waived when the polymer modified emulsion is being used as a tack coat.
 - (2) CQS-1hP (formerly CSS-1h Latex Modified) emulsion for micro-surfacing treatments shall use latex as the modifier.
 - (3) Upon examination of the storage stability test cylinder after standing undisturbed for 24 hours, the surface shall show minimal to no white, milky colored substance and shall be a homogenous brown color throughout.
 - (4) The distillation for all polymer modified emulsions shall be performed according to AASHTO T 59, except the temperature shall be 374 ± 9 °F (190 ± 5 °C) to be held for a period of 15 minutes and measured using an ASTM 16F (16C) thermometer.
 - (5) The specified temperature for the Elastic Recovery test for all polymer modified emulsions shall be 50.0 ± 1.0 °F (10.0 ± 0.5 °C).

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

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

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

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

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

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

EQUIPMENT PARKING AND STORAGE (BDE)

Effective: November 1, 2017

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

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

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

80388

PORTLAND CEMENT CONCRETE (BDE)

Effective: November 1, 2017

Revise the Air Content % of Class PP Concrete in Table 1 Classes of Concrete and Mix Design Criteria in Article 1020.04 of the Standard Specifications to read:

| "TABLE 1. CLASSES OF CONCRETE AND MIX DESIGN CRITERIA | | |
|---|--|---------------|
| Class of Conc. | Use | Air Content % |
| PP | Pavement Patching Bridge Deck Patching (10) | |
| | PP-1 | 4.0 - 8.0" |
| | PP-2 | |
| | PP-3 | |
| | PP-4 | |
| | PP-5 | |

Revise Note (4) at the end of Table 1 Classes of Concrete and Mix Design Criteria in Article 1020.04 of the Standard Specifications to read:

"(4) For all classes of concrete, the maximum slump may be increased to 7 in (175 mm) when a high range water-reducing admixture is used. For Class SC, the maximum slump may be increased to 8 in. (200 mm). For Class PS, the maximum slump may be increased to 8 1/2 in. (215 mm) if the high range water-reducing admixture is the polycarboxylate type."

80389

REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES (BDE)

Effective: January 1, 2019

Revised: January 1, 2020

Revise Section 669 of the Standard Specifications to read:

“SECTION 669. REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES

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

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

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

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

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

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

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

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

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

The Engineer will require up to 21 calendar days for review of the RSPCP. The review may involve rejection or revision and resubmittal; in which case, an additional 21 days will be required for each subsequent review. Work shall not commence until the RSPCP has been approved by the Engineer. After approval, the RSPCP shall be revised as necessary to reflect changed conditions in the field and documented using BDE 2730A "Regulated Substances Pre-Construction Plan (RSPCP) Addendum" and submitted to the Engineer for approval.

CONSTRUCTION REQUIREMENTS

669.04 Regulated Substances Monitoring. Regulated substances monitoring includes environmental observation and field screening during regulated substances management activities at the contract specific work areas. As part of the regulated substances monitoring, the monitoring personnel shall perform and document the applicable duties listed on form BDE 2732 "Regulated Substances Monitoring Daily Record (RSMDR)".

- (a) Environmental Observation. Prior to beginning excavation, the Contractor shall mark the limits of the contract specific work areas. Once work begins, the monitoring personnel shall be present on-site continuously during the excavation and loading of material.
- (b) Field Screening. Field screening shall be performed during the excavation and loading of material from the contract specific work areas, except for material classified according to Article 669.05(b)(1) or 669.05(c) where field screening is not required.

Field screening shall be performed with either a photoionization detector (PID) (minimum 10.6eV lamp) or a flame ionization detector (FID), and other equipment as appropriate, to monitor for potential contaminants associated with regulated substances. The PID or FID shall be calibrated on-site, and background level readings taken and recorded daily, and as field and weather conditions change. Field screen readings on the PID or FID in excess of background levels indicates the potential presence of regulated substances requiring handling as a non-special waste, special waste, or hazardous waste. PID or FID readings may be used as the basis of increasing the limits of removal with the approval of the Engineer but shall in no case be used to decrease the limits.

669.05 Regulated Substances Management and Disposal. The management and disposal of soil and/or groundwater containing regulated substances shall be according to the following:

- (a) Soil Analytical Results Exceed Most Stringent MAC. When the soil analytical results indicate detected levels exceed the most stringent maximum allowable concentration (MAC) for chemical constituents in soil established pursuant to Subpart F of 35 Ill. Adm. Code 1100.605, the soil shall be managed as follows:
 - (1) When analytical results indicate inorganic chemical constituents exceed the most stringent MAC, but still considered within area background levels by the Engineer, the excavated soil can be utilized within the right-of-way as embankment or fill, when suitable. If the soils cannot be utilized within the right-of-way, they shall be managed and disposed of at a landfill as a non-special waste.
 - (2) When analytical results indicate inorganic chemical constituents exceed the most stringent MAC but do not exceed the MAC for a Metropolitan Statistical Area (MSA) County identified in 35 Ill. Admin. Code 742 Appendix A. Table G, the excavated soil can be utilized within the right-of-way as embankment or fill, when suitable, or managed and disposed of at a clean construction and demolition debris (CCDD) facility or an uncontaminated soil fill operation (USFO) within an MSA County provided the pH of the soil is within the range of 6.25 - 9.0, inclusive.
 - (3) When analytical results indicate chemical constituents exceed the most stringent MAC but do not exceed the MAC for an MSA County excluding Chicago, or the MAC within the Chicago corporate limits, the excavated soil can be utilized within the right-of-way as embankment or fill, when suitable, or managed and disposed of off-site at a CCDD facility or an USFO within an MSA County excluding Chicago or within the Chicago corporate limits provided the pH of the soil is within the range of 6.25 - 9.0, inclusive.
 - (4) When analytical results indicate chemical constituents exceed the most stringent MAC but do not exceed the MAC for an MSA County excluding Chicago, the excavated soil can be utilized within the right-of-way as embankment or fill, when suitable, or managed and disposed of off-site at a CCDD facility or an USFO within an MSA County excluding Chicago provided the pH of the soil is within the range of 6.25 - 9.0, inclusive.
 - (5) When the Engineer determines soil cannot be managed according to Articles 669.05(a)(1) through (a)(4) above and the materials do not contain special waste or hazardous waste, as determined by the Engineer, the soil shall be managed and disposed of at a landfill as a non-special waste.
 - (6) When analytical results indicate soil is hazardous by characteristic or listing pursuant to 35 Ill. Admin. Code 721, contains radiological constituents, or the Engineer otherwise determines the soil cannot be managed according to Articles 669.05(a)(1)

through (a)(5) above, the soil shall be managed and disposed of off-site as a special waste or hazardous waste as applicable.

(b) Soil Analytical Results Do Not Exceed Most Stringent MAC. When the soil analytical results indicate that detected levels do not exceed the most stringent MAC, the excavated soil can be utilized within the right-of-way as embankment or fill, when suitable, or managed and disposed of off-site according to Article 202.03. However, the excavated soil cannot be taken to a CCDD facility or an USFO for any of the following reasons.

(1) The pH of the soil is less than 6.25 or greater than 9.0.

(2) The soil exhibited PID or FID readings in excess of background levels.

(c) Soil Analytical Results Exceed Most Stringent MAC but Do Not Exceed Tiered Approach to Corrective Action Objectives (TACO) Residential. When the soil analytical results indicate that detected levels exceed the most stringent MAC but do not exceed TACO Tier 1 Soil Remediation Objectives for Residential Properties pursuant to 35 Ill. Admin. Code 742 Appendix B Table A, the excavated soil can be utilized within the right-of-way as embankment or fill, when suitable, or managed and disposed of off-site according to Article 202.03. However, the excavated soil cannot be taken to a CCDD facility or an USFO.

(d) Groundwater. When groundwater analytical results indicate the detected levels are above Appendix B, Table E of 35 Ill. Admin. Code 742, the most stringent Tier 1 Groundwater Remediation Objectives for Groundwater Component of the Groundwater Ingestion Route for Class 1 groundwater, the groundwater shall be managed off-site as a special waste or hazardous waste as applicable. Special waste groundwater shall be containerized and trucked to an off-site treatment facility, or may be discharged to a sanitary sewer or combined sewer when permitted by the local sewer authority. Groundwater discharged to a sanitary sewer or combined sewer shall be pre-treated to remove particulates and measured with a calibrated flow meter to comply with applicable discharge limits. A copy of the permit shall be provided to the Engineer prior to discharging groundwater to the sanitary sewer or combined sewer.

Groundwater encountered within trenches may be managed within the trench and allowed to infiltrate back into the ground. If the groundwater cannot be managed within the trench, it may be discharged to a sanitary sewer or combined sewer when permitted by the local sewer authority, or it shall be containerized and trucked to an off-site treatment facility as a special waste or hazardous waste. The Contractor is prohibited from discharging groundwater within the trench through a storm sewer. The Contractor shall install backfill plugs within the area of groundwater contamination.

One backfill plug shall be placed down gradient to the area of groundwater contamination. Backfill plugs shall be installed at intervals not to exceed 50 ft (15 m). Backfill plugs are to be 4 ft (1.2 m) long, measured parallel to the trench, full trench width and depth. Backfill plugs shall not have any fine aggregate bedding or backfill, but shall be entirely cohesive

soil or any class of concrete. The Contractor shall provide test data that the material has a permeability of less than 10^{-7} cm/sec according to ASTM D 5084, Method A or per another test method approved by the Engineer.

The Contractor shall use due care when transferring contaminated material from the area of origin to the transporter. Should releases of contaminated material to the environment occur (i.e., spillage onto the ground, etc.), the Contractor shall clean-up spilled material and place in the appropriate storage containers as previously specified. Clean-up shall include, but not be limited to, sampling beneath the material staging area to determine complete removal of the spilled material.

The Contractor shall provide engineered barriers, when required, and shall include materials sufficient to completely line excavation surfaces, including sloped surfaces, bottoms, and sidewall faces, within the areas designated for protection.

The Contractor shall obtain all documentation including any permits and/or licenses required to transport the material containing regulated substances to the disposal facility. The Contractor shall coordinate with the Engineer on the completion of all documentation. The Contractor shall make all arrangements for collection and analysis of landfill acceptance testing. The Contractor shall coordinate waste disposal approvals with the disposal facility.

The Contractor shall provide the Engineer with all transport-related documentation within two days of transport or receipt of said document(s). For management of special or hazardous waste, the Contractor shall provide the Engineer with documentation that the Contractor is operating with a valid Illinois special waste transporter permit at least two weeks before transporting the first load of contaminated material.

Transportation and disposal of material classified according to Article 669.05(a)(5) or 669.05(a)(6) shall be completed each day so that none of the material remains on-site by the close of business, except when temporary staging has been approved.

Any waste generated as a special or hazardous waste from a non-fixed facility shall be manifested off-site using the Department's county generator number provided by the Bureau of Design and Environment. An authorized representative of the Department shall sign all manifests for the disposal of the contaminated material and confirm the Contractor's transported volume. Any waste generated as a non-special waste may be managed off-site without a manifest, a special waste transporter, or a generator number.

The Contractor shall select a landfill permitted for disposal of the contaminant within the State of Illinois. The Department will review and approve or reject the facility proposed by the Contractor to use as a landfill. The Contractor shall verify whether the selected disposal facility is compliant with those applicable standards as mandated by their permit and whether the disposal facility is presently, has previously been, or has never been, on the United States Environmental Protection Agency (U.S. EPA) National Priorities List or the Resource Conservation and Recovery Act (RCRA) List of Violating Facilities. The use of a Contractor selected landfill shall in no manner delay the construction schedule or alter the Contractor's responsibilities as set forth.

669.06 Non-Special Waste Certification. An authorized representative of the Department shall sign and date all non-special waste certifications. The Contractor shall be responsible for providing the Engineer with the required information that will allow the Engineer to certify the waste is not a special waste.

(a) Definition. A waste is considered a non-special waste as long as it is not:

- (1) a potentially infectious medical waste;
- (2) a hazardous waste as defined in 35 Ill. Admin. Code 721;
- (3) an industrial process waste or pollution control waste that contains liquids, as determined using the paint filter test set forth in subdivision (3)(A) of subsection (m) of 35 Ill. Admin. Code 811.107;
- (4) a regulated asbestos-containing waste material, as defined under the National Emission Standards for Hazardous Air Pollutants in 40 CFR Part 61.141;
- (5) a material containing polychlorinated biphenyls (PCB's) regulated pursuant to 40 CFR Part 761;
- (6) a material subject to the waste analysis and recordkeeping requirements of 35 Ill. Admin. Code 728.107 under land disposal restrictions of 35 Ill. Admin. Code 728;
- (7) a waste material generated by processing recyclable metals by shredding and required to be managed as a special waste under Section 22.29 of the Environmental Protection Act; or
- (8) an empty portable device or container in which a special or hazardous waste has been stored, transported, treated, disposed of, or otherwise handled.

(b) Certification Information. All information used to determine the waste is not a special waste shall be attached to the certification. The information shall include but not be limited to:

- (1) the means by which the generator has determined the waste is not a hazardous waste;
- (2) the means by which the generator has determined the waste is not a liquid;
- (3) if the waste undergoes testing, the analytic results obtained from testing, signed and dated by the person responsible for completing the analysis;
- (4) if the waste does not undergo testing, an explanation as to why no testing is needed;

(5) a description of the process generating the waste; and

(6) relevant material safety data sheets.

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

Temporary staging shall be accomplished within the right-of-way and the Contractor's means and methods shall be described in the approved or amended RSPCP. Staging areas shall not be located within 200 feet (61 m) of a public or private water supply well; nor within 100 feet (30 m) of sensitive environmental receptor areas, including wetlands, rivers, streams, lakes, or designated habitat zones.

The method of staging shall consist of containerization or stockpiling as applicable for the type, classification, and physical state (i.e., liquid, solid, semisolid) of the material. Materials of different classifications shall be staged separately with no mixing or co-mingling.

When containers are used, the containers and their contents shall remain intact and inaccessible to unauthorized persons until the manner of disposal is determined. The Contractor shall be responsible for all activities associated with the storage containers including, but not limited to, the procurement, transport, and labeling of the containers. The Contractor shall not use a storage container if visual inspection of the container reveals the presence of free liquids or other substances that could cause the waste to be reclassified as a hazardous or special waste.

When stockpiles are used, they shall be covered with a minimum 20-mil plastic sheeting or tarps secured using weights or tie-downs. Perimeter berms or diversionary trenches shall be provided to contain and collect for disposal any water that drains from the soil. Stockpiles shall be managed to prevent or reduce potential dust generation.

When staging non-special waste, special waste, or hazardous waste, the following additional requirements shall apply:

- (a) **Non-Special Waste.** When stockpiling soil classified according to Article 669.05(a)(1) or 669.05(a)(5), an impermeable surface barrier between the materials and the ground surface shall be installed. The impermeable barrier shall consist of a minimum 20-mil plastic liner material and the surface of the stockpile area shall be clean and free of debris prior to placement of the liner. Measures shall also be taken to limit or discourage access to the staging area.
- (b) **Special Waste and Hazardous Waste.** Soil classified according to Article 669.05(a)(6) shall not be stockpiled but shall be containerized immediately upon generation in containers, tanks or containment buildings as defined by RCRA, Toxic Substances Control

Act (TSCA), and other applicable State or local regulations and requirements, including 35 Ill. Admin. Code Part 722, Standards Applicable to Generators of Hazardous Waste.

The staging area(s) shall be enclosed (by a fence or other structure) to restrict direct access to the area, and all required regulatory identification signs applicable to a staging area containing special waste or hazardous waste shall be deployed.

Storage containers shall be placed on an all-weather gravel-packed, asphalt, or concrete surface. Containers shall be in good condition and free of leaks, large dents, or severe rusting, which may compromise containment integrity. Containers must be constructed of, or lined with, materials that will not react or be otherwise incompatible with the hazardous or special waste contents. Containers used to store liquids shall not be filled more than 80 percent of the rated capacity. Incompatible wastes shall not be placed in the same container or comingled.

All containers shall be legibly labeled and marked using pre-printed labels and permanent marker in accordance with applicable regulations, clearly showing the date of waste generation, location and/or area of waste generation, and type of waste. The Contractor shall place these identifying markings on an exterior side surface of the container.

Storage containers shall be kept closed, and storage pads covered, except when access is needed by authorized personnel.

Special waste and hazardous waste shall be transported and disposed within 90 days from the date of generation.

669.08 Underground Storage Tank Removal. For the purposes of this section, an underground storage tank (UST) includes the underground storage tank, piping, electrical controls, pump island, vent pipes and appurtenances.

Prior to removing an UST, the Engineer shall determine whether the Department is considered an "owner" or "operator" of the UST as defined by the UST regulations (41 Ill. Adm. Code Part 176). Ownership of the UST refers to the Department's owning title to the UST during storage, use or dispensing of regulated substances. The Department may be considered an "operator" of the UST if it has control of, or has responsibility for, the daily operation of the UST. The Department may however voluntarily undertake actions to remove an UST from the ground without being deemed an "operator" of the UST.

In the event the Department is deemed not to be the "owner" or "operator" of the UST, the OSFM removal permit shall reflect who was the past "owner" or "operator" of the UST. If the "owner" or "operator" cannot be determined from past UST registration documents from OSFM, then the OSFM removal permit will state the "owner" or "operator" of the UST is the Department. The Department's Office of Chief Counsel (OCC) will review all UST removal permits prior to submitting any removal permit to the OSFM. If the Department is not the "owner" or "operator" of the UST then it will not register the UST or pay any registration fee.

The Contractor shall be responsible for obtaining permits required for removing the UST, notification to the OSFM, using an OSFM certified tank contractor, removal and disposal of the UST and its contents, and preparation and submittal of the OSFM Site Assessment Report in accordance with 41 Ill. Admin. Code Part 176.330.

The Contractor shall contact the Engineer and the OSFM's office at least 72 hours prior to removal to confirm the OSFM inspector's presence during the UST removal. Removal, transport, and disposal of the UST shall be according to the applicable portions of the latest revision of the "American Petroleum Institute (API) Recommended Practice 1604".

The Contractor shall collect and analyze tank content (sludge) for disposal purposes. The Contractor shall remove as much of the regulated substance from the UST system as necessary to prevent further release into the environment. All contents within the tank shall be removed, transported and disposed of, or recycled. The tank shall be removed and rendered empty according to IEPA definition.

The Contractor shall collect soil samples from the bottom and sidewalls of the excavated area in accordance with 35 Ill. Admin. Code Part 734.210(h) after the required backfill has been removed during the initial response action, to determine the level of contamination remaining in the ground, regardless if a release is confirmed or not by the OSFM on-site inspector.

In the event the UST is designated a leaking underground storage tank (LUST) by the OSFM's inspector, or confirmation by analytical results, the Contractor shall notify the Engineer and the District Environmental Studies Unit (DESU). Upon confirmation of a release of contaminants and notifications to the Engineer and DESU, the Contractor shall report the release to the Illinois Emergency Management Agency (IEMA) (e.g., by telephone or electronic mail) and provide them with whatever information is available ("owner" or "operator" shall be stated as the past registered "owner" or "operator", or the IDOT District in which the tank is located and the DESU Manager).

The Contractor shall perform the following initial response actions if a release is indicated by the OSFM inspector:

- (a) Take immediate action to prevent any further release of the regulated substance to the environment, which may include removing, at the Engineer's discretion, and disposing of up to 4 ft (1.2 m) of the contaminated material, as measured from the outside dimension of the tank;
- (b) Identify and mitigate fire, explosion and vapor hazards;
- (c) Visually inspect any above ground releases or exposed below ground releases and prevent further migration of the released substance into surrounding soils and groundwater; and
- (d) Continue to monitor and mitigate any additional fire and safety hazards posed by vapors and free product that have migrated from the tank excavation zone and entered into subsurface structures (such as sewers or basements).

The tank excavation shall be backfilled according to applicable portions of Sections 205, 208, and 550 with a material that will compact and develop stability. All uncontaminated concrete and soil removed during tank extraction may be used to backfill the excavation, at the discretion of the Engineer.

After backfilling the excavation, the site shall be graded and cleaned.

669.09 Regulated Substances Final Construction Report. Not later than 90 days after completing this work, the Contractor shall submit a "Regulated Substances Final Construction Report (RSFCR)" to the Engineer using form BDE 2733 and required attachments. The form shall be signed by an Illinois licensed Professional Engineer or Professional Geologist.

669.10 Method of Measurement. Non-special waste, special waste, and hazardous waste soil will be measured for payment according to Article 202.07(b) when performing earth excavation, Article 502.12(b) when excavating for structures, or by computing the volume of the trench using the maximum trench width permitted and the actual depth of the trench.

Groundwater containerized and transported off-site for management, storage, and disposal will be measured for payment in gallons (liters).

Backfill plugs will be measured in cubic yards (cubic meters) in place, except the quantity for which payment will be made shall not exceed the volume of the trench, as computed by using the maximum width of trench permitted by the Specifications and the actual depth of the trench, with a deduction for the volume of the pipe.

Engineered Barriers will be measured for payment in square yards (square meters).

669.11 Basis of Payment. The work of preparing, submitting and administering a Regulated Substances Pre-Construction Plan will be paid for at the contract lump sum price for REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN.

Regulated substances monitoring, including completion of form BDE 2732 for each day of work, will be paid for at the contract unit price per calendar day, or fraction thereof to the nearest 0.5 calendar day, for REGULATED SUBSTANCES MONITORING.

The installation of engineered barriers will be paid for at the contract unit price per square yard (square meter) for ENGINEERED BARRIER.

The work of UST removal, soil excavation, soil and content sampling, the management of excavated soil and UST content, and UST disposal, will be paid for at the contract unit price per each for UNDERGROUND STORAGE TANK REMOVAL.

The transportation and disposal of soil and other materials from an excavation determined to be contaminated will be paid for at the contract unit price per cubic yard (cubic meter) for

NON-SPECIAL WASTE DISPOSAL, SPECIAL WASTE DISPOSAL, or HAZARDOUS WASTE DISPOSAL.

The transportation and disposal of groundwater from an excavation determined to be contaminated will be paid for at the contract unit price per gallon (liter) for SPECIAL WASTE GROUNDWATER DISPOSAL or HAZARDOUS WASTE GROUNDWATER DISPOSAL. When groundwater is discharged to a sanitary or combined sewer by permit, the cost will be paid for according to Article 109.05.

Backfill plugs will be paid for at the contract unit price per cubic yard (cubic meter) for BACKFILL PLUGS.

Payment for temporary staging of soil classified according to Articles 669.05(a)(1), (a)(3), (a)(4), (a)(5), (a)(6), or (b)(2) will be paid for according to Article 109.04. The Department will not be responsible for any additional costs incurred, if mismanagement of the staging area, storage containers, or their contents by the Contractor results in excess cost expenditure for disposal or other material management requirements.

Payment for accumulated stormwater removal and disposal will be according to Article 109.04. Payment will only be allowed if appropriate stormwater and erosion control methods were used.

Payment for decontamination, labor, material, and equipment for monitoring areas beyond the specified areas, with the Engineer's prior written approval, will be according to Article 109.04.

When the waste material for disposal requires sampling for landfill disposal acceptance, the samples shall be analyzed for TCLP VOCs, SVOCs, RCRA metals, pH, ignitability, and paint filter test. The analysis will be paid for at the contract unit price per each for SOIL DISPOSAL ANALYSIS using EPA Methods 1311 (extraction), 8260B for VOCs, 8270C for SVOCs, 6010B and 7470A for RCRA metals, 9045C for pH, 1030 for ignitability, and 9095A for paint filter.

The work of preparing, submitting and administering a Regulated Substances Final Construction Report will be paid for at the contract lump sum price REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT."

SUBCONTRACTOR MOBILIZATION PAYMENTS (BDE)

Effective: November 2, 2017

Revised: April 1, 2019

Replace the second paragraph of Article 109.12 of the Standard Specifications with the following:

“This mobilization payment shall be made at least seven days prior to the subcontractor starting work. The amount paid shall be at the following percentage of the amount of the subcontract reported on form BC 260A submitted for the approval of the subcontractor’s work.

| Value of Subcontract Reported on Form BC 260A | Mobilization Percentage |
|---|-------------------------|
| Less than \$10,000 | 25% |
| \$10,000 to less than \$20,000 | 20% |
| \$20,000 to less than \$40,000 | 18% |
| \$40,000 to less than \$60,000 | 16% |
| \$60,000 to less than \$80,000 | 14% |
| \$80,000 to less than \$100,000 | 12% |
| \$100,000 to less than \$250,000 | 10% |
| \$250,000 to less than \$500,000 | 9% |
| \$500,000 to \$750,000 | 8% |
| Over \$750,000 | 7%” |

80391

TRAFFIC CONTROL DEVICES - CONES (BDE)

Effective: January 1, 2019

Revise Article 701.15(a) of the Standard Specifications to read:

“(a) Cones. Cones are used to channelize traffic. Cones used to channelize traffic at night shall be reflectorized; however, cones shall not be used in nighttime lane closure tapers or nighttime lane shifts.”

Revise Article 1106.02(b) of the Standard Specifications to read:

“(b) Cones. Cones shall be predominantly orange. Cones used at night that are 28 to 36 in. (700 to 900 mm) in height shall have two white circumferential stripes. If non-reflective spaces are left between the stripes, the spaces shall be no more than 2 in. (50mm) in width. Cones used at night that are taller than 36 in. (900 mm) shall have a minimum of two white and two fluorescent orange alternating, circumferential stripes with the top stripe being fluorescent orange. If non-reflective spaces are left between the stripes, the spaces shall be no more than 3 in. (75 mm) in width.

The minimum weights for the various cone heights shall be 4 lb for 18 in. (2 kg for 450 mm), 7 lb for 28 in. (3 kg for 700 mm), and 10 lb for 36 in. (5 kg for 900 mm) with a minimum of 60 percent of the total weight in the base. Cones taller than 36 in. shall be weighted per the manufacturer’s specifications such that they are not moved by wind or passing traffic.”

80409

Cook County Prevailing Wage Rates posted on 1/28/2020

| Trade Title | Rg | Type | C | Base | Foreman | Overtime | | | | H/W | Pension | Vac | Trng | Other Ins |
|---------------------------|-----|------|---|-------|---------|----------|-----|-----|-----|-------|---------|------|------|-----------|
| | | | | | | M-F | Sa | Su | Hol | | | | | |
| ASBESTOS ABT-GEN | All | ALL | | 43.72 | 44.72 | 1.5 | 1.5 | 2.0 | 2.0 | 14.99 | 13.61 | 0.00 | 0.90 | |
| ASBESTOS ABT-MEC | All | BLD | | 37.88 | 40.38 | 1.5 | 1.5 | 2.0 | 2.0 | 13.42 | 12.20 | 0.00 | 0.72 | |
| BOILERMAKER | All | BLD | | 50.51 | 55.05 | 2.0 | 2.0 | 2.0 | 2.0 | 6.97 | 14.65 | 0.00 | 1.10 | |
| BRICK MASON | All | BLD | | 46.88 | 51.57 | 1.5 | 1.5 | 2.0 | 2.0 | 10.85 | 19.31 | 0.00 | 0.95 | |
| CARPENTER | All | ALL | | 48.55 | 50.55 | 1.5 | 1.5 | 2.0 | 2.0 | 11.79 | 21.84 | 0.00 | 0.73 | |
| CEMENT MASON | All | ALL | | 46.25 | 48.25 | 2.0 | 1.5 | 2.0 | 2.0 | 14.50 | 19.04 | 0.00 | 1.25 | |
| CERAMIC TILE FINISHER | All | BLD | | 40.56 | 40.56 | 1.5 | 1.5 | 2.0 | 2.0 | 11.00 | 12.80 | 0.00 | 0.86 | |
| COMMUNICATION ELECTRICIAN | All | BLD | | 44.86 | 47.66 | 1.5 | 1.5 | 2.0 | 2.0 | 10.22 | 13.48 | 1.25 | 1.15 | 0.07 |
| ELECTRIC PWR EQMT OP | All | ALL | | 53.40 | 58.40 | 1.5 | 1.5 | 2.0 | 2.0 | 12.36 | 17.72 | 0.00 | 3.39 | |
| ELECTRIC PWR GRNDMAN | All | ALL | | 41.65 | 58.40 | 1.5 | 1.5 | 2.0 | 2.0 | 9.64 | 13.82 | 0.00 | 2.65 | |
| ELECTRIC PWR LINEMAN | All | ALL | | 53.40 | 58.40 | 1.5 | 1.5 | 2.0 | 2.0 | 12.36 | 17.72 | 0.00 | 3.39 | |
| ELECTRICIAN | All | ALL | | 49.35 | 52.35 | 1.5 | 1.5 | 2.0 | 2.0 | 15.69 | 17.02 | 1.25 | 1.48 | 0.40 |
| ELEVATOR CONSTRUCTOR | All | BLD | | 56.61 | 63.69 | 2.0 | 2.0 | 2.0 | 2.0 | 15.58 | 17.51 | 4.53 | 0.62 | |
| FENCE ERECTOR | All | ALL | | 42.88 | 44.88 | 1.5 | 1.5 | 2.0 | 2.0 | 13.64 | 14.89 | 0.00 | 0.65 | |
| GLAZIER | All | BLD | | 44.85 | 46.35 | 1.5 | 2.0 | 2.0 | 2.0 | 14.49 | 22.29 | 0.00 | 0.94 | |
| HEAT/FROST INSULATOR | All | BLD | | 50.50 | 53.00 | 1.5 | 1.5 | 2.0 | 2.0 | 13.42 | 13.66 | 0.00 | 0.72 | |
| IRON WORKER | All | ALL | | 50.63 | 52.63 | 2.0 | 2.0 | 2.0 | 2.0 | 14.65 | 23.78 | 0.00 | 0.44 | |
| LABORER | All | ALL | | 43.72 | 44.47 | 1.5 | 1.5 | 2.0 | 2.0 | 14.99 | 13.61 | 0.00 | 0.90 | |
| LATHER | All | ALL | | 48.55 | 50.55 | 1.5 | 1.5 | 2.0 | 2.0 | 11.79 | 21.84 | 0.00 | 0.73 | |
| MACHINIST | All | BLD | | 48.93 | 51.43 | 1.5 | 1.5 | 2.0 | 2.0 | 7.68 | 8.95 | 1.85 | 1.32 | |
| MARBLE FINISHER | All | ALL | | 35.15 | 48.33 | 1.5 | 1.5 | 2.0 | 2.0 | 10.85 | 17.66 | 0.00 | 0.52 | |
| MARBLE MASON | All | BLD | | 46.03 | 50.63 | 1.5 | 1.5 | 2.0 | 2.0 | 10.85 | 18.78 | 0.00 | 0.64 | |
| MATERIAL TESTER I | All | ALL | | 33.72 | | 1.5 | 1.5 | 2.0 | 2.0 | 14.99 | 13.61 | 0.00 | 0.90 | |
| MATERIALS TESTER II | All | ALL | | 38.72 | | 1.5 | 1.5 | 2.0 | 2.0 | 14.99 | 13.61 | 0.00 | 0.90 | |
| MILLWRIGHT | All | ALL | | 48.55 | 50.55 | 1.5 | 1.5 | 2.0 | 2.0 | 11.79 | 21.84 | 0.00 | 0.73 | |
| OPERATING ENGINEER | All | BLD | 1 | 51.10 | 55.10 | 2.0 | 2.0 | 2.0 | 2.0 | 20.50 | 16.85 | 2.00 | 1.65 | |
| OPERATING ENGINEER | All | BLD | 2 | 49.80 | 55.10 | 2.0 | 2.0 | 2.0 | 2.0 | 20.50 | 16.85 | 2.00 | 1.65 | |
| OPERATING ENGINEER | All | BLD | 3 | 47.25 | 55.10 | 2.0 | 2.0 | 2.0 | 2.0 | 20.50 | 16.85 | 2.00 | 1.65 | |
| OPERATING ENGINEER | All | BLD | 4 | 45.50 | 55.10 | 2.0 | 2.0 | 2.0 | 2.0 | 20.50 | 16.85 | 2.00 | 1.65 | |
| OPERATING ENGINEER | All | BLD | 5 | 54.85 | 55.10 | 2.0 | 2.0 | 2.0 | 2.0 | 20.50 | 16.85 | 2.00 | 1.65 | |
| OPERATING ENGINEER | All | BLD | 6 | 52.10 | 55.10 | 2.0 | 2.0 | 2.0 | 2.0 | 20.50 | 16.85 | 2.00 | 1.65 | |

| | | | | | | | | | | | | | |
|------------------------|-----|-----|---|-------|-------|-----|-----|-----|-----|-------|-------|------|------|
| OPERATING ENGINEER | All | BLD | 7 | 54.10 | 55.10 | 2.0 | 2.0 | 2.0 | 2.0 | 20.50 | 16.85 | 2.00 | 1.65 |
| OPERATING ENGINEER | All | FLT | 1 | 58.20 | 58.20 | 1.5 | 1.5 | 2.0 | 2.0 | 19.65 | 15.10 | 2.00 | 1.40 |
| OPERATING ENGINEER | All | FLT | 2 | 56.70 | 58.20 | 1.5 | 1.5 | 2.0 | 2.0 | 19.65 | 15.10 | 2.00 | 1.40 |
| OPERATING ENGINEER | All | FLT | 3 | 50.45 | 58.20 | 1.5 | 1.5 | 2.0 | 2.0 | 19.65 | 15.10 | 2.00 | 1.40 |
| OPERATING ENGINEER | All | FLT | 4 | 41.95 | 58.20 | 1.5 | 1.5 | 2.0 | 2.0 | 19.65 | 15.10 | 2.00 | 1.40 |
| OPERATING ENGINEER | All | FLT | 5 | 59.70 | 58.20 | 1.5 | 1.5 | 2.0 | 2.0 | 19.65 | 15.10 | 2.00 | 1.40 |
| OPERATING ENGINEER | All | FLT | 6 | 38.00 | 58.20 | 1.5 | 1.5 | 2.0 | 2.0 | 19.65 | 15.10 | 2.00 | 1.40 |
| OPERATING ENGINEER | All | HWY | 1 | 49.30 | 53.30 | 1.5 | 1.5 | 2.0 | 2.0 | 20.50 | 16.85 | 2.00 | 1.65 |
| OPERATING ENGINEER | All | HWY | 2 | 48.75 | 53.30 | 1.5 | 1.5 | 2.0 | 2.0 | 20.50 | 16.85 | 2.00 | 1.65 |
| OPERATING ENGINEER | All | HWY | 3 | 46.70 | 53.30 | 1.5 | 1.5 | 2.0 | 2.0 | 20.50 | 16.85 | 2.00 | 1.65 |
| OPERATING ENGINEER | All | HWY | 4 | 45.30 | 53.30 | 1.5 | 1.5 | 2.0 | 2.0 | 20.50 | 16.85 | 2.00 | 1.65 |
| OPERATING ENGINEER | All | HWY | 5 | 44.10 | 53.30 | 1.5 | 1.5 | 2.0 | 2.0 | 20.50 | 16.85 | 2.00 | 1.65 |
| OPERATING ENGINEER | All | HWY | 6 | 52.30 | 53.30 | 1.5 | 1.5 | 2.0 | 2.0 | 20.50 | 16.85 | 2.00 | 1.65 |
| OPERATING ENGINEER | All | HWY | 7 | 50.30 | 53.30 | 1.5 | 1.5 | 2.0 | 2.0 | 20.50 | 16.85 | 2.00 | 1.65 |
| ORNAMENTAL IRON WORKER | All | ALL | | 50.05 | 52.55 | 2.0 | 2.0 | 2.0 | 2.0 | 14.14 | 21.13 | 0.00 | 1.25 |
| PAINTER | All | ALL | | 47.30 | 53.21 | 1.5 | 1.5 | 1.5 | 2.0 | 12.01 | 12.74 | 0.00 | 1.87 |
| PAINTER - SIGNS | All | BLD | | 39.84 | 44.74 | 1.5 | 1.5 | 2.0 | 2.0 | 2.73 | 3.39 | 0.00 | 0.00 |
| PILEDRIVER | All | ALL | | 48.55 | 50.55 | 1.5 | 1.5 | 2.0 | 2.0 | 11.79 | 21.84 | 0.00 | 0.73 |
| PIPEFITTER | All | BLD | | 49.60 | 52.60 | 1.5 | 1.5 | 2.0 | 2.0 | 10.75 | 19.85 | 0.00 | 2.67 |
| PLASTERER | All | BLD | | 44.50 | 47.17 | 1.5 | 1.5 | 2.0 | 2.0 | 14.50 | 17.29 | 0.00 | 1.50 |
| PLUMBER | All | BLD | | 51.00 | 54.05 | 1.5 | 1.5 | 2.0 | 2.0 | 15.37 | 14.75 | 0.00 | 1.35 |
| ROOFER | All | BLD | | 44.60 | 48.60 | 1.5 | 1.5 | 2.0 | 2.0 | 10.58 | 13.31 | 0.00 | 0.70 |
| SHEETMETAL WORKER | All | BLD | | 45.50 | 49.14 | 1.5 | 1.5 | 2.0 | 2.0 | 11.70 | 25.58 | 0.00 | 0.86 |
| SIGN HANGER | All | BLD | | 32.68 | 35.29 | 1.5 | 1.5 | 2.0 | 2.0 | 5.40 | 3.75 | 0.00 | 0.00 |
| SPRINKLER FITTER | All | BLD | | 50.15 | 52.65 | 1.5 | 1.5 | 2.0 | 2.0 | 13.50 | 16.60 | 0.00 | 0.65 |
| STEEL ERECTOR | All | ALL | | 42.07 | 44.07 | 2.0 | 2.0 | 2.0 | 2.0 | 13.45 | 19.59 | 0.00 | 0.35 |
| STONE MASON | All | BLD | | 46.88 | 51.57 | 1.5 | 1.5 | 2.0 | 2.0 | 10.85 | 19.31 | 0.00 | 0.95 |
| TERRAZZO FINISHER | All | BLD | | 42.54 | 42.54 | 1.5 | 1.5 | 2.0 | 2.0 | 11.00 | 14.64 | 0.00 | 0.88 |
| TERRAZZO MASON | All | BLD | | 46.38 | 49.88 | 1.5 | 1.5 | 2.0 | 2.0 | 11.00 | 16.09 | 0.00 | 0.93 |
| TILE MASON | All | BLD | | 47.50 | 51.50 | 1.5 | 1.5 | 2.0 | 2.0 | 11.00 | 16.06 | 0.00 | 0.93 |
| TRAFFIC SAFETY WORKER | All | HWY | | 37.75 | 39.35 | 1.5 | 1.5 | 2.0 | 2.0 | 9.30 | 9.87 | 0.00 | 0.30 |
| TRUCK DRIVER | E | ALL | 1 | 36.45 | 37.10 | 1.5 | 1.5 | 2.0 | 2.0 | 9.68 | 13.25 | 0.00 | 0.15 |
| TRUCK DRIVER | E | ALL | 2 | 36.70 | 37.10 | 1.5 | 1.5 | 2.0 | 2.0 | 9.68 | 13.25 | 0.00 | 0.15 |
| TRUCK DRIVER | E | ALL | 3 | 36.90 | 37.10 | 1.5 | 1.5 | 2.0 | 2.0 | 9.68 | 13.25 | 0.00 | 0.15 |
| TRUCK DRIVER | E | ALL | 4 | 37.10 | 37.10 | 1.5 | 1.5 | 2.0 | 2.0 | 9.68 | 13.25 | 0.00 | 0.15 |
| TRUCK DRIVER | W | ALL | 1 | 37.36 | 37.91 | 1.5 | 1.5 | 2.0 | 2.0 | 9.00 | 11.64 | 0.00 | 0.15 |

| | | | | | | | | | | | | | | |
|--------------|-----|-----|---|-------|-------|-----|-----|-----|-----|------|-------|------|------|--|
| TRUCK DRIVER | W | ALL | 2 | 37.51 | 37.91 | 1.5 | 1.5 | 2.0 | 2.0 | 9.00 | 11.64 | 0.00 | 0.15 | |
| TRUCK DRIVER | W | ALL | 3 | 37.71 | 37.91 | 1.5 | 1.5 | 2.0 | 2.0 | 9.00 | 11.64 | 0.00 | 0.15 | |
| TRUCK DRIVER | W | ALL | 4 | 37.91 | 37.91 | 1.5 | 1.5 | 2.0 | 2.0 | 9.00 | 11.64 | 0.00 | 0.15 | |
| TUCKPOINTER | All | BLD | | 46.50 | 47.50 | 1.5 | 1.5 | 2.0 | 2.0 | 8.34 | 18.40 | 0.00 | 0.93 | |

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 COOK COUNTY

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

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

EXPLANATION OF CLASSES

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

CERAMIC TILE FINISHER

The grouting, cleaning, and polishing of all classes of tile, whether for interior or exterior purposes, all burned, glazed or unglazed products; all composition materials, granite tiles, warning detectable tiles, cement tiles, epoxy composite materials, pavers, glass, mosaics, fiberglass, and all substitute materials, for tile made in tile-like units; all mixtures in tile like form of cement, metals, and other materials that are for and intended for use as a finished floor surface, stair treads, promenade roofs, walks, walls, ceilings, swimming pools, and all other places where tile is to form a finished interior or exterior. The mixing of all setting mortars including but not limited to thin-set mortars, epoxies, wall mud, and any other sand and cement mixtures or adhesives when used in the preparation, installation, repair, or maintenance of tile and/or similar materials. The handling and unloading of all

sand, cement, lime, tile, fixtures, equipment, adhesives, or any other materials to be used in the preparation, installation, repair, or maintenance of tile and/or similar materials. Ceramic Tile Finishers shall fill all joints and voids regardless of method on all tile work, particularly and especially after installation of said tile work. Application of any and all protective coverings to all types of tile installations including, but not be limited to, all soap compounds, paper products, tapes, and all polyethylene coverings, plywood, masonite, cardboard, and any new type of products that may be used to protect tile installations, Blastrac equipment, and all floor scarifying equipment used in preparing floors to receive tile. The clean up and removal of all waste and materials. All demolition of existing tile floors and walls to be re-tiled.

COMMUNICATIONS ELECTRICIAN

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

MARBLE FINISHER

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

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

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

OPERATING ENGINEER - BUILDING

Class 1. Asphalt Plant; Asphalt Spreader; Autograde; Backhoes with Caisson Attachment; Batch Plant; Benoto (requires Two Engineers); Boiler and Throttle Valve; Caisson Rigs; Central Redi-Mix Plant; Combination Back Hoe Front End-loader Machine; Compressor and Throttle Valve; Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Conveyor (Truck Mounted); Concrete Paver Over 27E cu. ft; Concrete Paver 27E cu. ft. and Under: Concrete Placer; Concrete Placing Boom; Concrete Pump (Truck Mounted); Concrete Tower; Cranes, All; Cranes, Hammerhead; Cranes, (GCI and similar Type); Creter Crane; Spider Crane; Crusher, Stone, etc.; Derricks, All; Derricks, Traveling; Formless Curb and Gutter Machine; Grader, Elevating; Grouting Machines; Heavy Duty Self-Propelled Transporter or Prime Mover; Highlift Shovels or Front Endloader 2-1/4 yd. and over; Hoists, Elevators, outside type rack and pinion and similar machines; Hoists, One, Two and Three Drum; Hoists, Two Tugger One Floor; Hydraulic Backhoes; Hydraulic Boom Trucks; Hydro Vac (and similar equipment); Locomotives, All; Motor Patrol; Lubrication Technician;

Manipulators; Pile Drivers and Skid Rig; Post Hole Digger; Pre-Stress Machine; Pump Cretes Dual Ram; Pump Cretes: Squeeze Cretes-Screw Type Pumps; Gypsum Bulker and Pump; Raised and Blind Hole Drill; Roto Mill Grinder; Scoops - Tractor Drawn; Slip-Form Paver; Straddle Buggies; Operation of Tie Back Machine; Tournapull; Tractor with Boom and Side Boom; Trenching Machines.

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

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

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

Class 5. Assistant Craft Foreman.

Class 6. Gradall.

Class 7. Mechanics; Welders.

OPERATING ENGINEERS - HIGHWAY CONSTRUCTION

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

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

Engine/Push and Pull; Scraper - Prime Mover in Tandem (Regardless of Size); Tractors pulling attachments, Sheeps Foot, Disc, Compactor, etc.; Tug Boats.

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

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

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

Class 6. Field Mechanics and Field Welders

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

OPERATING ENGINEER - FLOATING

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

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

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

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

Class 5. Friction or Lattice Boom Cranes.

Class 6. ROV Pilot, ROV Tender

TERRAZZO FINISHER

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

TRAFFIC SAFETY

Effective November 30, 2018, the description of the traffic safety worker trade in this County is as follows: Work associated with barricades, horses and drums used to reduce lane usage on highway work, the installation and removal of temporary, non-temporary or permanent lane, pavement or roadway markings, and the installation and removal of temporary road signs.

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

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

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

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

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

Other Classifications of Work:

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

LANDSCAPING

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

MATERIAL TESTER & MATERIAL TESTER/INSPECTOR I AND II

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

Lake County Prevailing Wage Rates posted on 1/28/2020

| Trade Title | Rg | Type | C | Base | Foreman | Overtime | | | | H/W | Pension | Vac | Trng | Other Ins |
|--------------------------|-----|------|---|-------|---------|----------|-----|-----|-----|-------|---------|------|------|-----------|
| | | | | | | M-F | Sa | Su | Hol | | | | | |
| ASBESTOS ABT-GEN | All | ALL | | 43.72 | 44.72 | 1.5 | 1.5 | 2.0 | 2.0 | 14.99 | 13.61 | 0.00 | 0.90 | |
| ASBESTOS ABT-MEC | All | BLD | | 37.88 | 40.38 | 1.5 | 1.5 | 2.0 | 2.0 | 13.42 | 12.20 | 0.00 | 0.72 | |
| BOILERMAKER | All | BLD | | 50.51 | 55.05 | 2.0 | 2.0 | 2.0 | 2.0 | 6.97 | 14.65 | 0.00 | 1.10 | |
| BRICK MASON | All | BLD | | 46.88 | 51.57 | 1.5 | 1.5 | 2.0 | 2.0 | 10.85 | 19.31 | 0.00 | 0.95 | |
| CARPENTER | All | ALL | | 48.55 | 50.55 | 1.5 | 1.5 | 2.0 | 2.0 | 11.79 | 21.84 | 0.00 | 0.73 | |
| CEMENT MASON | All | ALL | | 45.53 | 47.53 | 2.0 | 1.5 | 2.0 | 2.0 | 10.65 | 24.35 | 0.00 | 0.50 | |
| CERAMIC TILE FINISHER | All | BLD | | 40.56 | 40.56 | 1.5 | 1.5 | 2.0 | 2.0 | 11.00 | 12.80 | 0.00 | 0.86 | |
| COMMUNICATION TECHNICIAN | All | BLD | | 37.95 | 40.75 | 1.5 | 1.5 | 2.0 | 2.0 | 12.21 | 15.12 | 2.17 | 0.85 | |
| ELECTRIC PWR EQMT OP | All | ALL | | 43.71 | 59.52 | 1.5 | 1.5 | 2.0 | 2.0 | 6.00 | 13.55 | 0.00 | 0.77 | 1.31 |
| ELECTRIC PWR EQMT OP | All | HWY | | 41.45 | 56.38 | 1.5 | 1.5 | 2.0 | 2.0 | 5.50 | 12.87 | 0.00 | 0.73 | |
| ELECTRIC PWR GRNDMAN | All | ALL | | 33.69 | 59.52 | 1.5 | 1.5 | 2.0 | 2.0 | 6.00 | 10.44 | 0.00 | 0.59 | 1.01 |
| ELECTRIC PWR GRNDMAN | All | HWY | | 32.00 | 56.38 | 1.5 | 1.5 | 2.0 | 2.0 | 5.50 | 9.92 | 0.00 | 0.66 | |
| ELECTRIC PWR LINEMAN | All | ALL | | 52.44 | 59.52 | 1.5 | 1.5 | 2.0 | 2.0 | 6.00 | 16.27 | 0.00 | 0.93 | 1.58 |
| ELECTRIC PWR LINEMAN | All | HWY | | 49.67 | 56.38 | 1.5 | 1.5 | 2.0 | 2.0 | 5.50 | 15.40 | 0.00 | 0.88 | |
| ELECTRIC PWR TRK DRV | All | ALL | | 34.90 | 59.52 | 1.5 | 1.5 | 2.0 | 2.0 | 6.00 | 10.83 | 0.00 | 0.62 | 1.05 |
| ELECTRIC PWR TRK DRV | All | HWY | | 33.14 | 56.38 | 1.5 | 1.5 | 2.0 | 2.0 | 5.50 | 10.29 | 0.00 | 0.59 | |
| ELECTRICIAN | All | BLD | | 41.21 | 45.21 | 1.5 | 1.5 | 2.0 | 2.0 | 14.10 | 21.61 | 6.00 | 0.67 | |
| ELEVATOR CONSTRUCTOR | All | BLD | | 56.61 | 63.69 | 2.0 | 2.0 | 2.0 | 2.0 | 15.58 | 17.51 | 4.53 | 0.62 | |
| FENCE ERECTOR | All | ALL | | 42.88 | 44.88 | 1.5 | 1.5 | 2.0 | 2.0 | 13.64 | 14.89 | 0.00 | 0.65 | |
| GLAZIER | All | BLD | | 44.85 | 46.35 | 1.5 | 2.0 | 2.0 | 2.0 | 14.49 | 22.29 | 0.00 | 0.94 | |
| HEAT/FROST INSULATOR | All | BLD | | 50.50 | 53.00 | 1.5 | 1.5 | 2.0 | 2.0 | 13.42 | 13.66 | 0.00 | 0.72 | |
| IRON WORKER | All | ALL | | 50.63 | 52.63 | 2.0 | 2.0 | 2.0 | 2.0 | 14.65 | 23.78 | 0.00 | 0.44 | |
| LABORER | All | ALL | | 43.72 | 44.47 | 1.5 | 1.5 | 2.0 | 2.0 | 14.99 | 13.61 | 0.00 | 0.90 | |
| LATHER | All | ALL | | 48.55 | 50.55 | 1.5 | 1.5 | 2.0 | 2.0 | 11.79 | 21.84 | 0.00 | 0.73 | |
| MACHINIST | All | BLD | | 48.93 | 51.43 | 1.5 | 1.5 | 2.0 | 2.0 | 7.68 | 8.95 | 1.85 | 1.32 | |
| MARBLE FINISHER | All | ALL | | 35.15 | 48.33 | 1.5 | 1.5 | 2.0 | 2.0 | 10.85 | 17.66 | 0.00 | 0.52 | |
| MARBLE MASON | All | BLD | | 46.03 | 50.63 | 1.5 | 1.5 | 2.0 | 2.0 | 10.85 | 18.78 | 0.00 | 0.64 | |
| MATERIAL TESTER I | All | ALL | | 33.72 | | 1.5 | 1.5 | 2.0 | 2.0 | 14.99 | 13.61 | 0.00 | 0.90 | |
| MATERIALS TESTER II | All | ALL | | 38.72 | | 1.5 | 1.5 | 2.0 | 2.0 | 14.99 | 13.61 | 0.00 | 0.90 | |
| MILLWRIGHT | All | ALL | | 48.55 | 50.55 | 1.5 | 1.5 | 2.0 | 2.0 | 11.79 | 21.84 | 0.00 | 0.73 | |
| OPERATING ENGINEER | All | BLD | 1 | 51.10 | 55.10 | 2.0 | 2.0 | 2.0 | 2.0 | 20.50 | 16.85 | 2.00 | 1.65 | |

| | | | | | | | | | | | | | |
|------------------------|-----|-----|---|-------|-------|-----|-----|-----|-----|-------|-------|------|------|
| OPERATING ENGINEER | All | BLD | 2 | 49.80 | 55.10 | 2.0 | 2.0 | 2.0 | 2.0 | 20.50 | 16.85 | 2.00 | 1.65 |
| OPERATING ENGINEER | All | BLD | 3 | 47.25 | 55.10 | 2.0 | 2.0 | 2.0 | 2.0 | 20.50 | 16.85 | 2.00 | 1.65 |
| OPERATING ENGINEER | All | BLD | 4 | 45.50 | 55.10 | 2.0 | 2.0 | 2.0 | 2.0 | 20.50 | 16.85 | 2.00 | 1.65 |
| OPERATING ENGINEER | All | BLD | 5 | 54.85 | 55.10 | 2.0 | 2.0 | 2.0 | 2.0 | 20.50 | 16.85 | 2.00 | 1.65 |
| OPERATING ENGINEER | All | BLD | 6 | 52.10 | 55.10 | 2.0 | 2.0 | 2.0 | 2.0 | 20.50 | 16.85 | 2.00 | 1.65 |
| OPERATING ENGINEER | All | BLD | 7 | 54.10 | 55.10 | 2.0 | 2.0 | 2.0 | 2.0 | 20.50 | 16.85 | 2.00 | 1.65 |
| OPERATING ENGINEER | All | FLT | 1 | 58.20 | 58.20 | 1.5 | 1.5 | 2.0 | 2.0 | 19.65 | 15.10 | 2.00 | 1.40 |
| OPERATING ENGINEER | All | FLT | 2 | 56.70 | 58.20 | 1.5 | 1.5 | 2.0 | 2.0 | 19.65 | 15.10 | 2.00 | 1.40 |
| OPERATING ENGINEER | All | FLT | 3 | 50.45 | 58.20 | 1.5 | 1.5 | 2.0 | 2.0 | 19.65 | 15.10 | 2.00 | 1.40 |
| OPERATING ENGINEER | All | FLT | 4 | 41.95 | 58.20 | 1.5 | 1.5 | 2.0 | 2.0 | 19.65 | 15.10 | 2.00 | 1.40 |
| OPERATING ENGINEER | All | FLT | 5 | 59.70 | 58.20 | 1.5 | 1.5 | 2.0 | 2.0 | 19.65 | 15.10 | 2.00 | 1.40 |
| OPERATING ENGINEER | All | FLT | 6 | 38.00 | 58.20 | 1.5 | 1.5 | 2.0 | 2.0 | 19.65 | 15.10 | 2.00 | 1.40 |
| OPERATING ENGINEER | All | HWY | 1 | 49.30 | 53.30 | 1.5 | 1.5 | 2.0 | 2.0 | 20.50 | 16.85 | 2.00 | 1.65 |
| OPERATING ENGINEER | All | HWY | 2 | 48.75 | 53.30 | 1.5 | 1.5 | 2.0 | 2.0 | 20.50 | 16.85 | 2.00 | 1.65 |
| OPERATING ENGINEER | All | HWY | 3 | 46.70 | 53.30 | 1.5 | 1.5 | 2.0 | 2.0 | 20.50 | 16.85 | 2.00 | 1.65 |
| OPERATING ENGINEER | All | HWY | 4 | 45.30 | 53.30 | 1.5 | 1.5 | 2.0 | 2.0 | 20.50 | 16.85 | 2.00 | 1.65 |
| OPERATING ENGINEER | All | HWY | 5 | 44.10 | 53.30 | 1.5 | 1.5 | 2.0 | 2.0 | 20.50 | 16.85 | 2.00 | 1.65 |
| OPERATING ENGINEER | All | HWY | 6 | 52.30 | 53.30 | 1.5 | 1.5 | 2.0 | 2.0 | 20.50 | 16.85 | 2.00 | 1.65 |
| OPERATING ENGINEER | All | HWY | 7 | 50.30 | 53.30 | 1.5 | 1.5 | 2.0 | 2.0 | 20.50 | 16.85 | 2.00 | 1.65 |
| ORNAMENTAL IRON WORKER | All | ALL | | 50.05 | 52.55 | 2.0 | 2.0 | 2.0 | 2.0 | 14.14 | 21.13 | 0.00 | 1.25 |
| PAINTER | All | ALL | | 47.30 | 53.21 | 1.5 | 1.5 | 1.5 | 2.0 | 12.01 | 12.74 | 0.00 | 1.87 |
| PAINTER - SIGNS | All | BLD | | 39.84 | 44.74 | 1.5 | 1.5 | 2.0 | 2.0 | 2.73 | 3.39 | 0.00 | 0.00 |
| PILEDRIVER | All | ALL | | 48.55 | 50.55 | 1.5 | 1.5 | 2.0 | 2.0 | 11.79 | 21.84 | 0.00 | 0.73 |
| PIPEFITTER | All | BLD | | 49.60 | 52.60 | 1.5 | 1.5 | 2.0 | 2.0 | 10.75 | 19.85 | 0.00 | 2.67 |
| PLASTERER | All | BLD | | 45.40 | 47.40 | 2.0 | 1.5 | 2.0 | 2.0 | 10.65 | 24.65 | 0.00 | 0.50 |
| PLUMBER | All | BLD | | 51.00 | 54.05 | 1.5 | 1.5 | 2.0 | 2.0 | 15.37 | 14.75 | 0.00 | 1.35 |
| ROOFER | All | BLD | | 44.60 | 48.60 | 1.5 | 1.5 | 2.0 | 2.0 | 10.58 | 13.31 | 0.00 | 0.70 |
| SHEETMETAL WORKER | All | BLD | | 45.50 | 49.14 | 1.5 | 1.5 | 2.0 | 2.0 | 11.70 | 25.58 | 0.00 | 0.86 |
| SIGN HANGER | All | BLD | | 32.68 | 35.29 | 1.5 | 1.5 | 2.0 | 2.0 | 5.40 | 3.75 | 0.00 | 0.00 |
| SPRINKLER FITTER | All | BLD | | 50.15 | 52.65 | 1.5 | 1.5 | 2.0 | 2.0 | 13.50 | 16.60 | 0.00 | 0.65 |
| STEEL ERECTOR | All | ALL | | 42.07 | 44.07 | 2.0 | 2.0 | 2.0 | 2.0 | 13.45 | 19.59 | 0.00 | 0.35 |
| STONE MASON | All | BLD | | 46.88 | 51.57 | 1.5 | 1.5 | 2.0 | 2.0 | 10.85 | 19.31 | 0.00 | 0.95 |
| TERRAZZO FINISHER | All | BLD | | 42.54 | 42.54 | 1.5 | 1.5 | 2.0 | 2.0 | 11.00 | 14.64 | 0.00 | 0.88 |
| TERRAZZO MASON | All | BLD | | 46.38 | 49.88 | 1.5 | 1.5 | 2.0 | 2.0 | 11.00 | 16.09 | 0.00 | 0.93 |
| TILE MASON | All | BLD | | 47.50 | 51.50 | 1.5 | 1.5 | 2.0 | 2.0 | 11.00 | 16.06 | 0.00 | 0.93 |
| TRAFFIC SAFETY WORKER | All | HWY | | 37.75 | 39.35 | 1.5 | 1.5 | 2.0 | 2.0 | 9.30 | 9.87 | 0.00 | 0.30 |

| | | | | | | | | | | | | | | |
|--------------|-----|-----|---|-------|-------|-----|-----|-----|-----|-------|-------|------|------|--|
| TRUCK DRIVER | All | ALL | 1 | 38.65 | 39.20 | 1.5 | 1.5 | 2.0 | 2.0 | 10.50 | 8.50 | 0.00 | 0.15 | |
| TRUCK DRIVER | All | ALL | 2 | 38.80 | 39.20 | 1.5 | 1.5 | 2.0 | 2.0 | 10.50 | 8.50 | 0.00 | 0.15 | |
| TRUCK DRIVER | All | ALL | 3 | 39.00 | 39.20 | 1.5 | 1.5 | 2.0 | 2.0 | 10.50 | 8.50 | 0.00 | 0.15 | |
| TRUCK DRIVER | All | ALL | 4 | 39.20 | 39.20 | 1.5 | 1.5 | 2.0 | 2.0 | 10.50 | 8.50 | 0.00 | 0.15 | |
| TUCKPOINTER | All | BLD | | 46.50 | 47.50 | 1.5 | 1.5 | 2.0 | 2.0 | 8.34 | 18.40 | 0.00 | 0.93 | |

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 LAKE COUNTY

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

EXPLANATION OF CLASSES

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

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

CERAMIC TILE FINISHER

The grouting, cleaning, and polishing of all classes of tile, whether for interior or exterior purposes, all burned, glazed or unglazed products; all composition materials, granite tiles, warning detectable tiles, cement tiles, epoxy composite materials, pavers, glass, mosaics, fiberglass, and all substitute materials, for tile made in tile-like units; all mixtures in tile like form of cement, metals, and other materials that are for and intended for use as a finished floor surface, stair treads, promenade roofs, walks, walls, ceilings, swimming pools, and all other places where tile is to form a finished interior or exterior. The mixing of all setting mortars

including but not limited to thin-set mortars, epoxies, wall mud, and any other sand and cement mixtures or adhesives when used in the preparation, installation, repair, or maintenance of tile and/or similar materials. The handling and unloading of all sand, cement, lime, tile, fixtures, equipment, adhesives, or any other materials to be used in the preparation, installation, repair, or maintenance of tile and/or similar materials. Ceramic Tile Finishers shall fill all joints and voids regardless of method on all tile work, particularly and especially after installation of said tile work. Application of any and all protective coverings to all types of tile installations including, but not be limited to, all soap compounds, paper products, tapes, and all polyethylene coverings, plywood, masonite, cardboard, and any new type of products that may be used to protect tile installations, Blastrac equipment, and all floor scarifying equipment used in preparing floors to receive tile. The clean up and removal of all waste and materials. All demolition of existing tile floors and walls to be re-tiled.

COMMUNICATION TECHNICIAN

Low voltage construction, installation, maintenance and removal of telecommunication facilities (voice, sound, data and video) including outside plant, telephone, security systems and data inside wire, interconnect, terminal equipment, central offices, PABX, fiber optic cable and equipment, micro waves, V-SAT, bypass, CATV, WAN (wide area network), LAN (local area networks), and ISDN (integrated system digital network), pulling of wire in raceways, but not the installation of raceways.

MARBLE FINISHER

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

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

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

OPERATING ENGINEER - BUILDING

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

Form Paver; Straddle Buggies; Operation of Tie Back Machine; Tournapull; Tractor with Boom and Side Boom; Trenching Machines.

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

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

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

Class 5. Assistant Craft Foreman.

Class 6. Gradall.

Class 7. Mechanics; Welders.

OPERATING ENGINEERS - HIGHWAY CONSTRUCTION

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

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

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

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

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

Class 6. Field Mechanics and Field Welders

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

OPERATING ENGINEER - FLOATING

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

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

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

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

Class 5. Friction or Lattice Boom Cranes.

Class 6. ROV Pilot, ROV Tender

TRAFFIC SAFETY - Effective November 30, 2018, the description of the traffic safety worker trade in this County is as follows:
Work associated with barricades, horses and drums used to reduce lane usage on highway work, the installation and removal of temporary, non-temporary or permanent lane, pavement or roadway markings, and the installation and removal of temporary road signs.

TRUCK DRIVER - BUILDING, HEAVY AND HIGHWAY CONSTRUCTION

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

Class 2. Four axle trucks; Dump Crets and Adgetors under 7 yards; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnapulls or Turntrailers when pulling other than self-loading equipment or similar equipment under 16 cubic yards; Mixer

Trucks under 7 yards; Ready-mix Plant Hopper Operator, and Winch Trucks, 2 Axles.

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

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

TERRAZZO FINISHER

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

Other Classifications of Work:

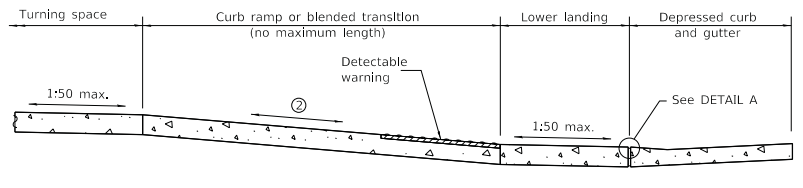
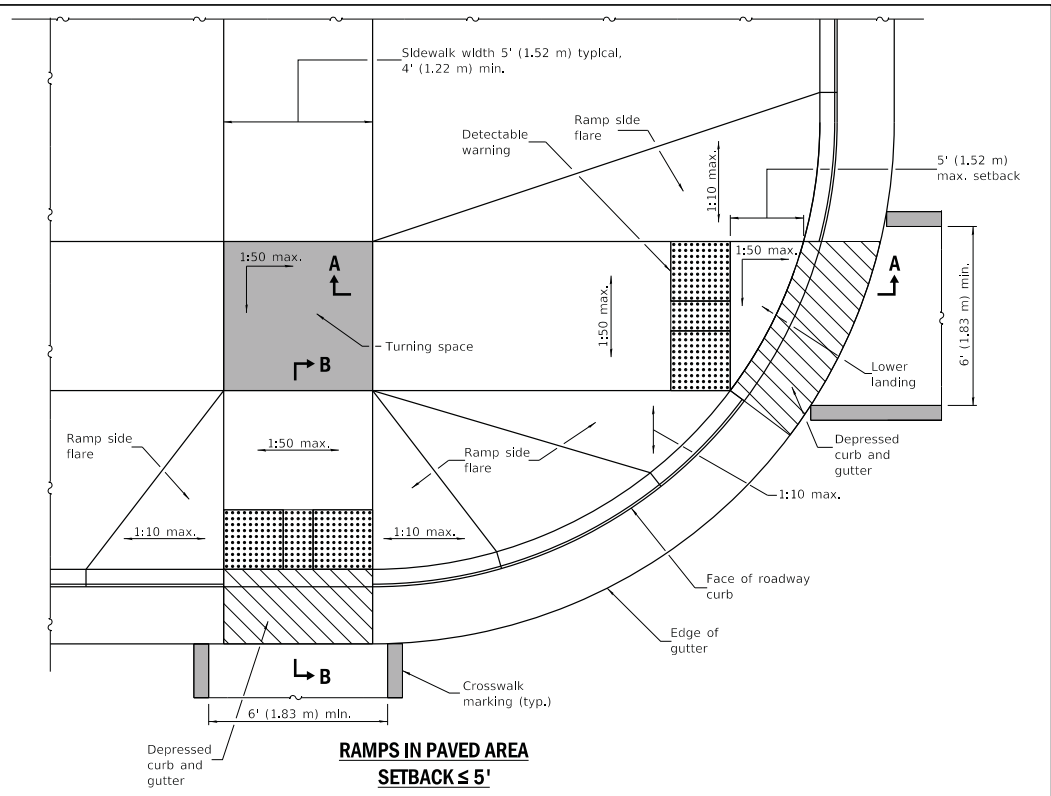
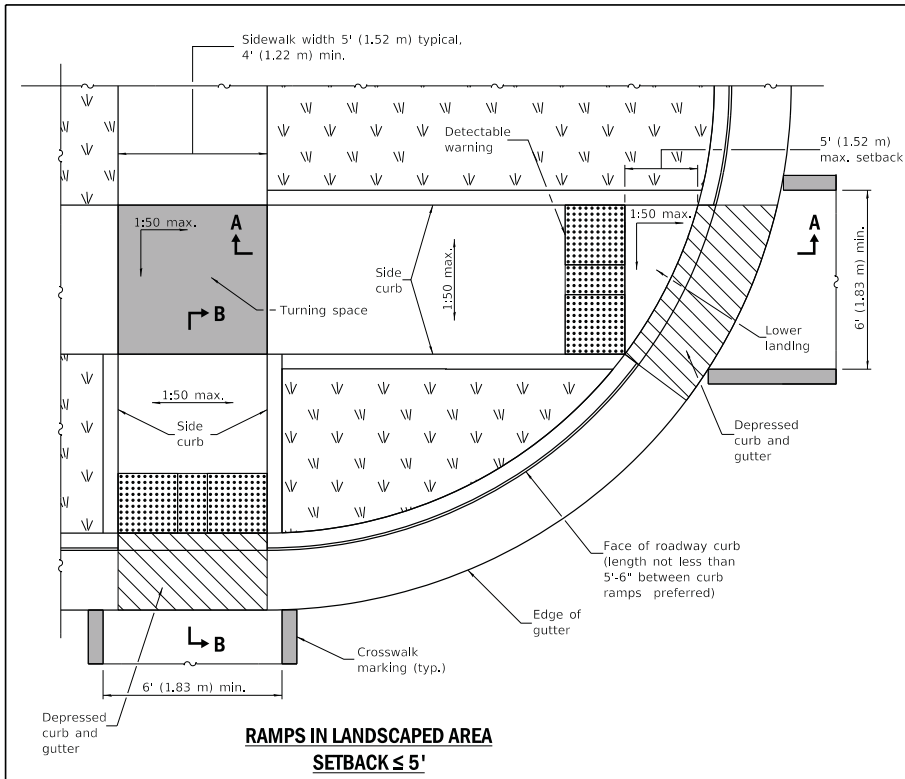
For definitions of classifications not otherwise set out, the Department generally has on file such definitions which are available. If a task to be performed is not subject to one of the classifications of pay set out, the Department will upon being contacted state which neighboring county has such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

LANDSCAPING

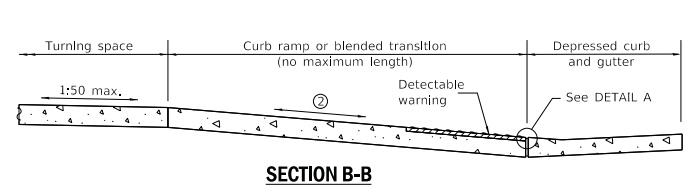
Landscaping work falls under the existing classifications for laborer, operating engineer and truck driver. The work performed by landscape plantsman and landscape laborer is covered by the existing classification of laborer. The work performed by landscape operators (regardless of equipment used or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

MATERIAL TESTER & MATERIAL TESTER/INSPECTOR I AND II

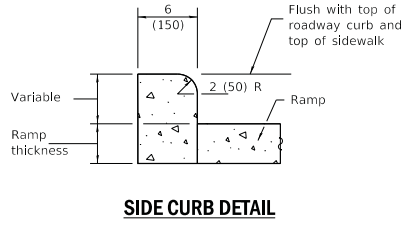
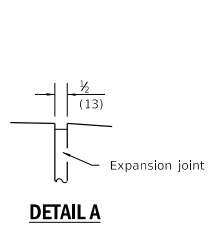
Notwithstanding the difference in the classification title, the classification entitled "Material Tester I" involves the same job duties as the classification entitled "Material Tester/Inspector I". Likewise, the classification entitled "Material Tester II" involves the same job duties as the classification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



② The running slope of a curb ramp shall be 1:20 min. and 1:12 max. The running slope of a blended transition shall be 1:20 max.



② The running slope of a curb ramp shall be 1:20 min. and 1:12 max. The running slope of a blended transition shall be 1:20 max.



See Sheet 2 for GENERAL NOTES.

| DATE | REVISIONS |
|--------|---|
| 1-1-19 | Removed "15-foot rule", added "Blended transitions" and placement tolerances for detectable warnings. |
| 1-1-18 | Omitted diagonal slope at turning spaces and lower landings. |

PERPENDICULAR CURB RAMPS FOR SIDEWALKS
(Sheet 1 of 2)
STANDARD 424001-11

Illinois Department of Transportation

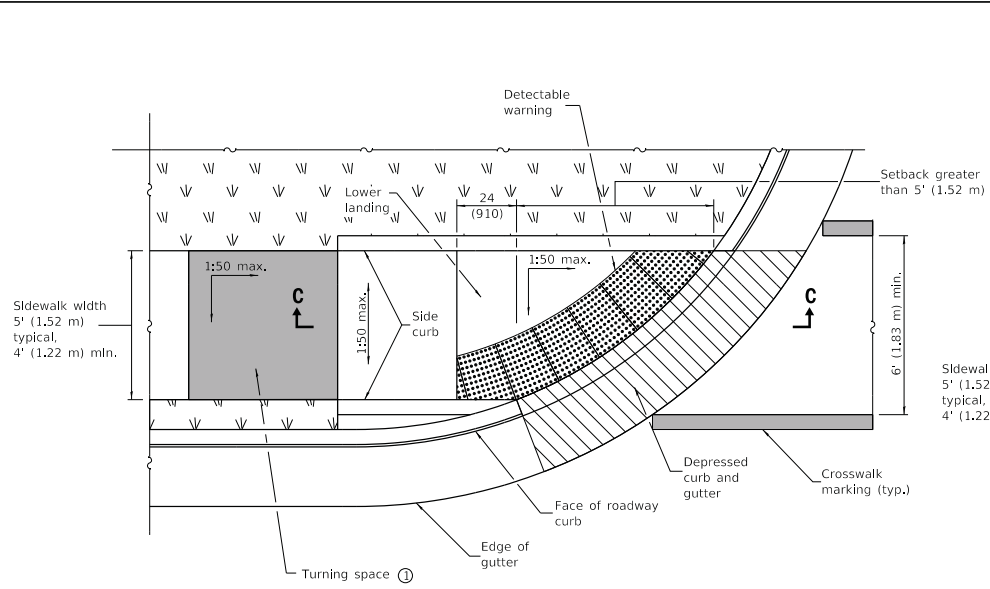
PASSED January 1, 2019

ISSUED 1-1-17

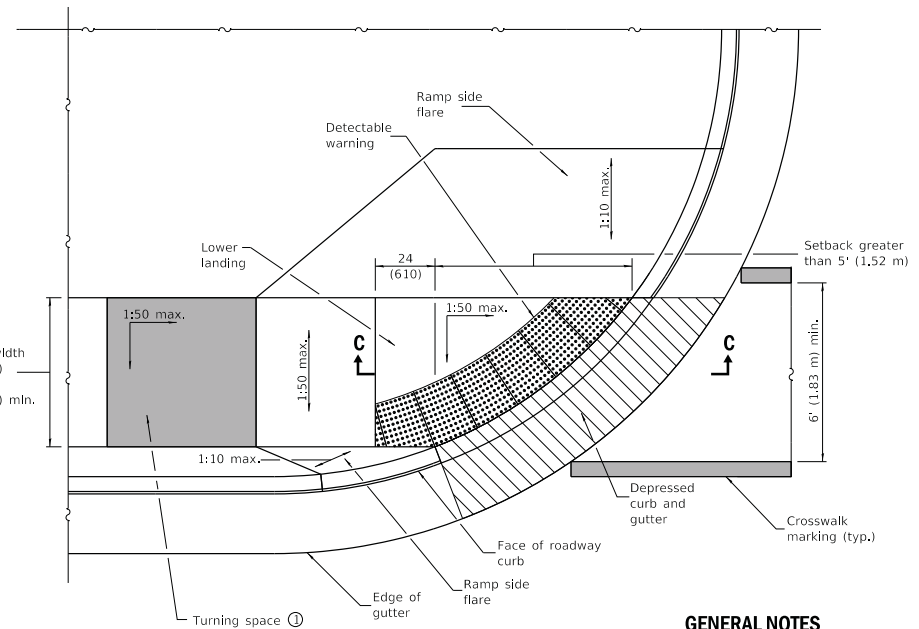
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2019

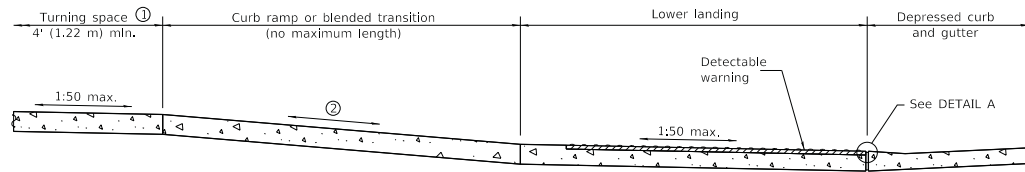
ENGINEER OF DESIGN AND ENVIRONMENT



**RAMP IN LANDSCAPED AREA
SETBACK > 5'**



**RAMP IN PAVED AREA
SETBACK > 5'**



SECTION C-C

- ① This turning space not required for blended transitions.
- ② The running slope of a curb ramp shall be 1:20 min, and 1:12 max. The running slope of a blended transition shall be 1:20 max.

GENERAL NOTES

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

Where the turning space is constrained on a side opposite a ramp, the minimum length of the turning space in the direction of the ramp-run shall be 5' (1.52 m).

Where 1:50 maximum slope is shown, 1:64 is preferred.

Detectable warnings are shown in their ideal locations but the following placement tolerances are allowed.

Side Border - Detectable warnings should extend the full width of the walking surface (excluding flared sides) but a border along each side up to 2 in. (50 mm) in width is allowed.

Curb Set-Back - Detectable warnings located at the back of curb should closely align with the curb but a gap up to 6 in. (150 mm) behind the curb is allowed.

See Standard 606001 for details of depressed curb adjacent to curb ramp.

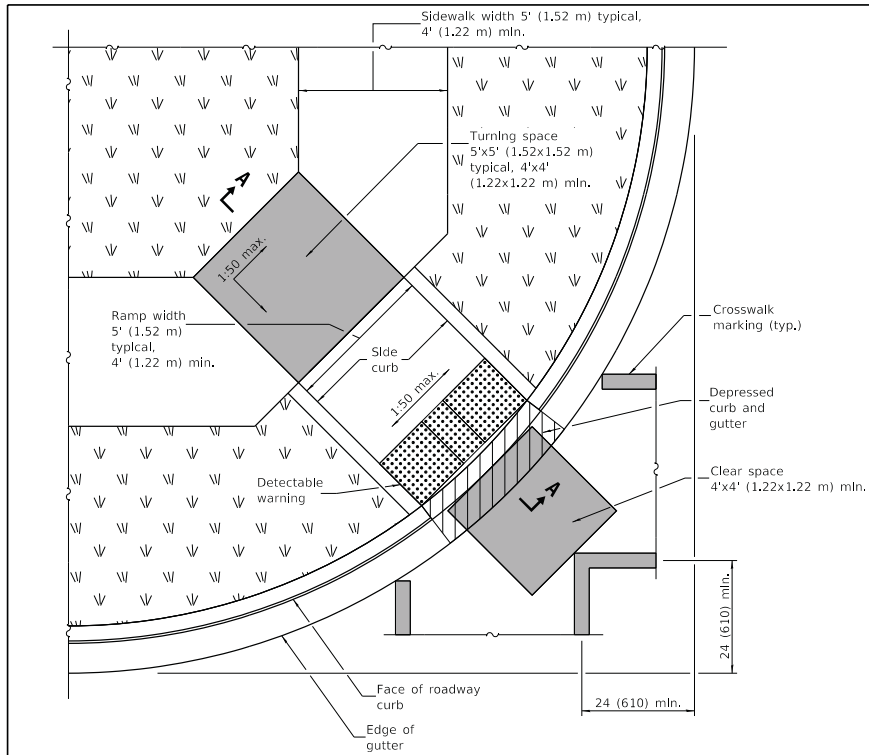
All dimensions are in inches (millimeters) unless otherwise shown.

**PERPENDICULAR CURB RAMPS
FOR SIDEWALKS**

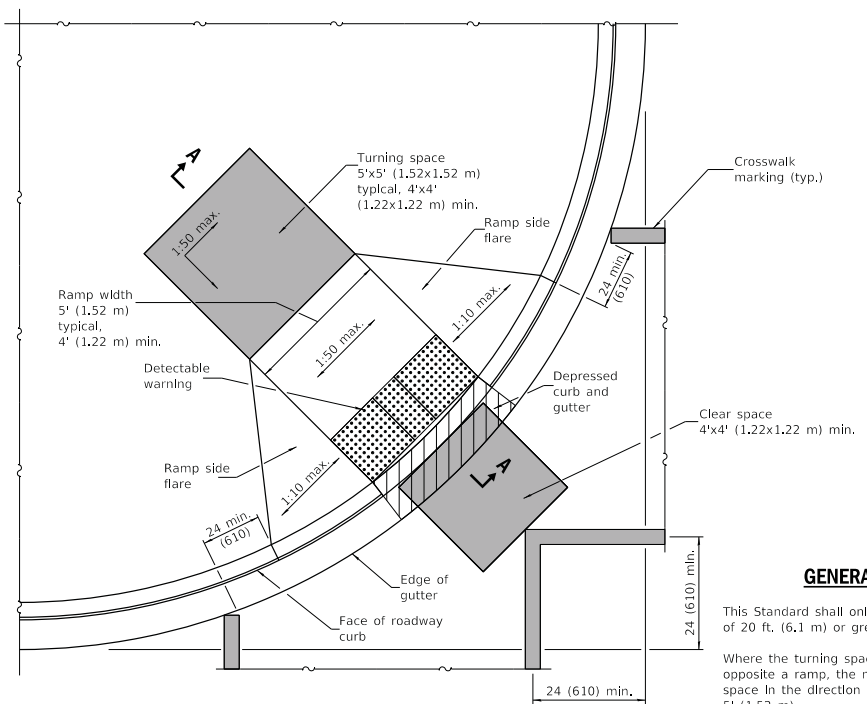
(Sheet 2 of 2)

STANDARD 424001-11

| | |
|--|----------------|
| Illinois Department of Transportation | |
| PASSED <i>M. B. B.</i> January 1, 2019 ENGINEER OF POLICY AND PROCEDURES | ISSUED 1-18-17 |
| APPROVED <i>J. E. G.</i> January 1, 2019 ENGINEER OF DESIGN AND ENVIRONMENT | |



RAMP IN LANDSCAPED AREA



RAMP IN PAVED AREA

GENERAL NOTES

This Standard shall only be used for curb radii of 20 ft. (6.1 m) or greater.

Where the turning space is constrained on a side opposite a ramp, the minimum length of the turning space in the direction of the ramp-run shall be 5' (1.52 m).

Where 1:50 maximum slope is shown, 1:64 is preferred.

Detectable warnings are shown in their ideal locations but the following placement tolerances are allowed.

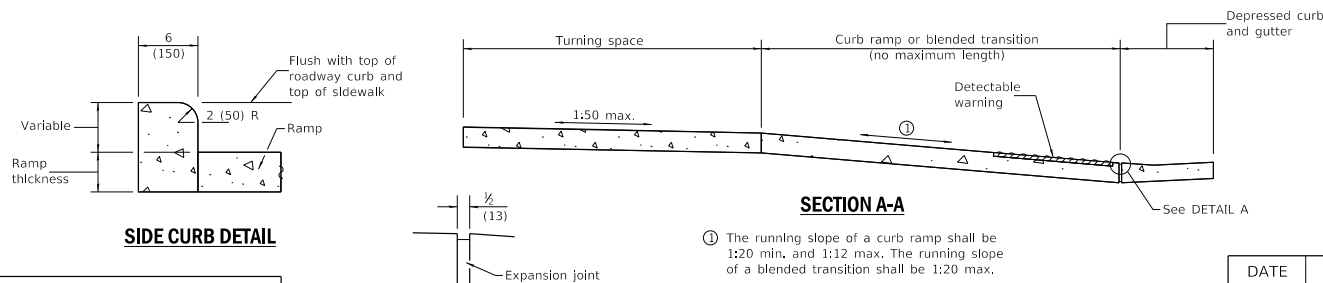
Side Border - Detectable warnings should extend the full width of the walking surface (excluding flared sides) but a border along each side up to 2 in. (50 mm) in width is allowed.

Curb Set-Back - Detectable warnings located at the back of curb should closely align with the curb but a gap up to 6 in. (150 mm) behind the curb is allowed.

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

See Standard 606001 for details of depressed curb adjacent to curb ramp.

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



SECTION A-A

① The running slope of a curb ramp shall be 1:20 min. and 1:12 max. The running slope of a blended transition shall be 1:20 max.

DETAIL A

Illinois Department of Transportation

PASSED *Michael B. ...* January 1, 2019
 ENGINEER OF POLICY AND PROCEDURES

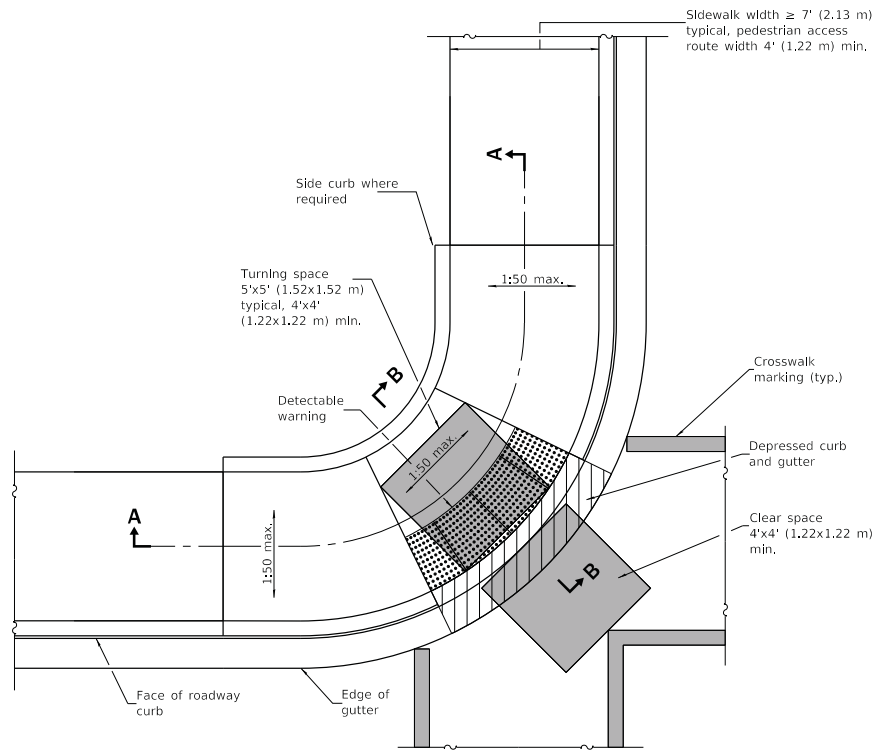
APPROVED *John E. ...* January 1, 2019
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-12

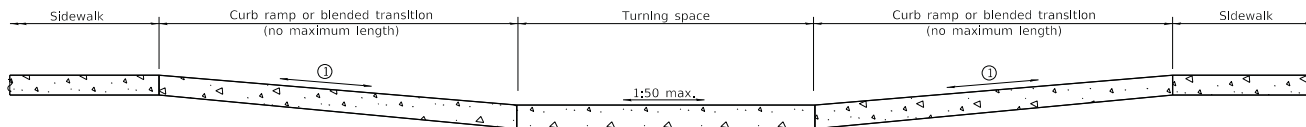
| DATE | REVISIONS |
|--------|---|
| 1-1-19 | Removed "15-foot rule", added "blended transitions" and placement tolerances for detectable warnings. |
| 1-1-18 | Omitted diagonal slope at turning spaces. |

DIAGONAL CURB RAMPS FOR SIDEWALKS

STANDARD 424006-04

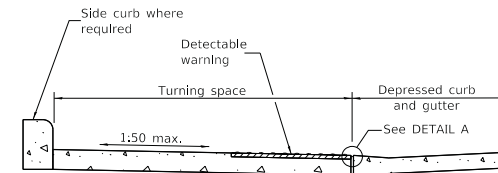


CORNER PARALLEL CURB RAMP

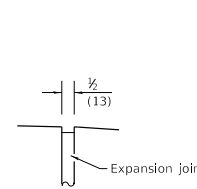


SECTION A-A

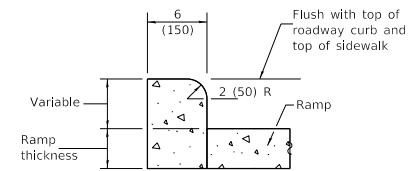
① The running slope of a curb ramp shall be 1:20 min. and 1:12 max. The running slope of a blended transition shall be 1:20 max.



SECTION B-B



DETAIL A



SIDE CURB DETAIL

GENERAL NOTES

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

Where the turning space is constrained on a side opposite a ramp, the minimum length of the turning space in the direction of the ramp-run shall be 5' (1.52 m).

Where 1:50 maximum slope is shown, 1:64 is preferred.

Detectable warnings are shown in their ideal locations but the following placement tolerances are allowed.

Side Border - Detectable warnings should extend the full width of the walking surface (excluding flared slides) but a border along each side up to 2 in. (50 mm) in width is allowed.

Curb Set-Back - Detectable warnings located at the back of curb should closely align with the curb but a gap up to 6 in. (150 mm) behind the curb is allowed.

See Standard 606001 for details of depressed curb adjacent to curb ramp.

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

| DATE | REVISIONS |
|--------|--|
| 1-1-19 | Removed upper landing, added blended transition and detectable warning tolerances. |
| 1-1-17 | Revised sidewalk width to include 24 (610) buffer behind curb. |

CORNER PARALLEL CURB RAMPS FOR SIDEWALKS

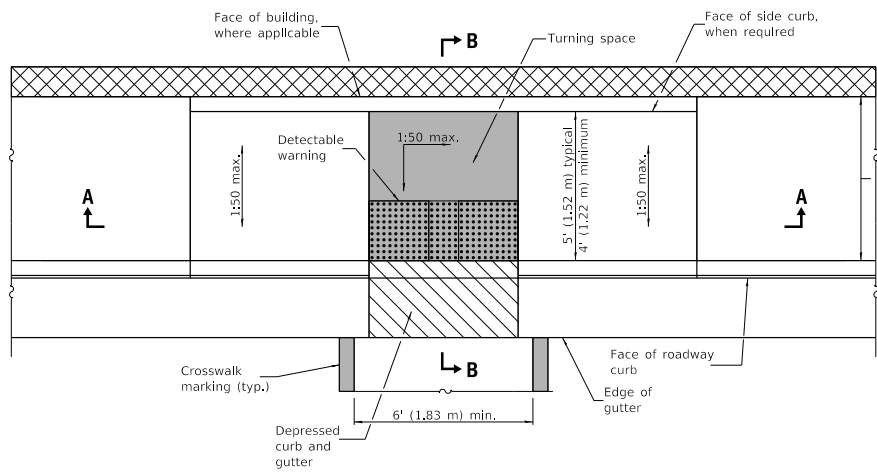
STANDARD 424011-04

Illinois Department of Transportation

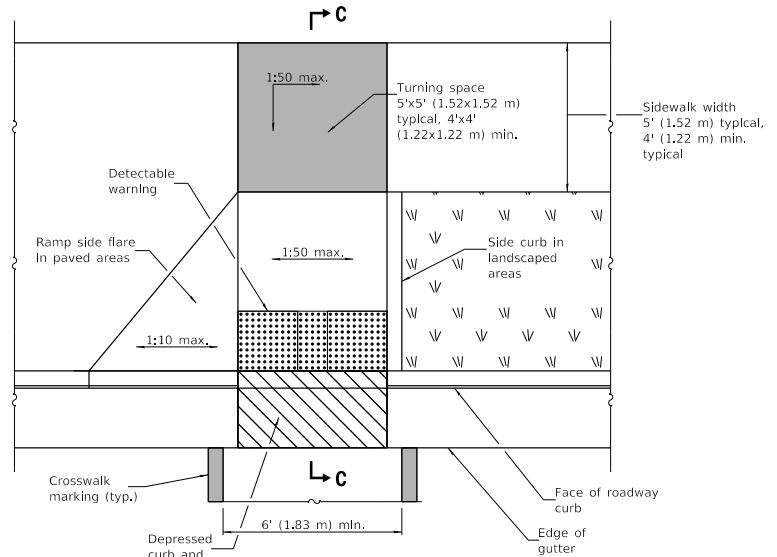
PASSED *Michael B. ...* January 1, 2019
 ENGINEER OF POLICY AND PROCEDURES

APPROVED *...* January 1, 2019
 ENGINEER OF DESIGN AND ENVIRONMENT

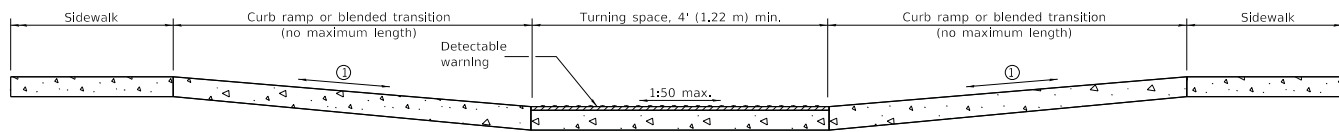
ISSUED 1-1-19



PARALLEL MID-BLOCK CURB RAMP

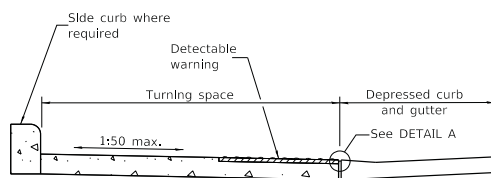


PERPENDICULAR MID-BLOCK CURB RAMP

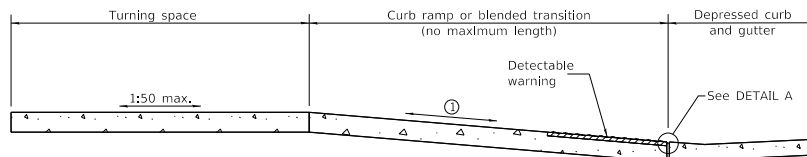


SECTION A-A

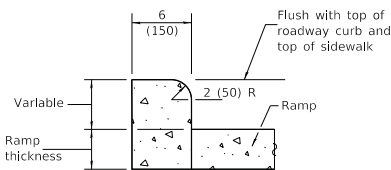
① The running slope of a curb ramp shall be 1:20 min. and 1:12 max. The running slope of a blended transition shall be 1:20 max.



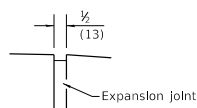
SECTION B-B



SECTION C-C



SIDE CURB DETAIL



DETAIL A

GENERAL NOTES

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

Where the turning space is constrained on a side opposite a ramp, the minimum length of the turning space in the direction of the ramp-run shall be 5' (1.52 m).

Where 1:50 maximum slope is shown, 1:64 is preferred.

Detectable warnings are shown in their ideal locations but the following placement tolerances are allowed.

Side Border - Detectable warnings should extend the full width of the walking surface (excluding flared slides) but a border along each side up to 2 in. (50 mm) in. width is allowed.

Curb Set-Back - Detectable warnings located at the back of curb should closely align with the curb but a gap up to 6 in. (150 mm) behind the curb is allowed.

See Standard 606001 for details of depressed curb adjacent to curb ramp.

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

Illinois Department of Transportation

PASSED *M. B. D.* January 1, 2019
ENGINEER OF POLICY AND PROCEDURES

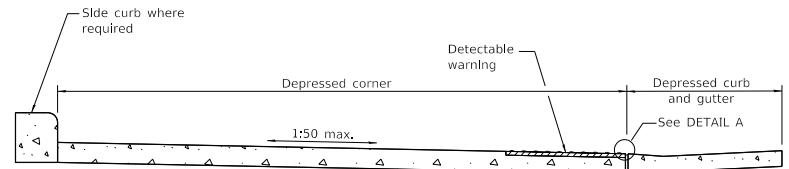
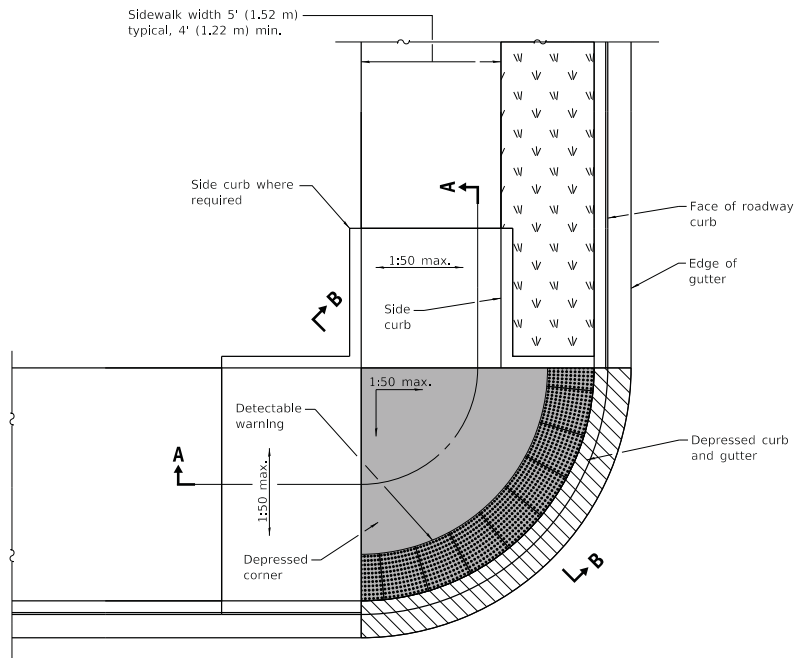
APPROVED *S. J. C.* January 1, 2019
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-12

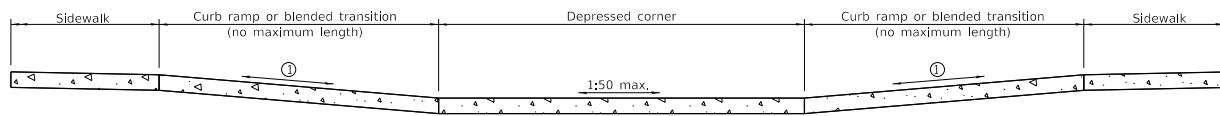
| DATE | REVISIONS |
|--------|---|
| 1-1-19 | Removed upper landing, added blended transitions and detectable warning tolerances. |
| 1-1-18 | Omitted diagonal slope at turning spaces and upper landings. |

MID-BLOCK CURB RAMPS FOR SIDEWALKS

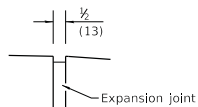
STANDARD 424016-05



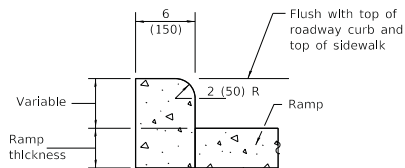
SECTION B-B



① The running slope of a curb ramp shall be 1:20 min. and 1:12 max. The running slope of a blended transition shall be 1:20 max.



DETAIL A



SIDE CURB DETAIL

GENERAL NOTES

This standard shall only be used for curb radii of 6 ft. (1.83 m) or greater.

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

Where 1:50 maximum slope is shown, 1:64 is preferred.

Detectable warnings are shown in their ideal tolerances but the following placement tolerances are allowed.

Side Border - Detectable warnings should extend the full width of the walking surface (excluding flared sides) but a border along each side up to 2 in. (50 mm) in, width is allowed.

Curb Set-Back - Detectable warnings located at the back of curb should closely align with the curb but a gap up to 6 in. (150 mm) behind the curb is allowed.

See Standard 606001 for details of depressed curb adjacent to curb ramp.

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

| DATE | REVISIONS |
|--------|---|
| 1-1-19 | Removed upper landings, added blended transition and detectable warning tolerances. |
| 1-1-18 | Omitted diagonal slope at turning spaces and upper landings. |

DEPRESSED CORNER FOR SIDEWALKS

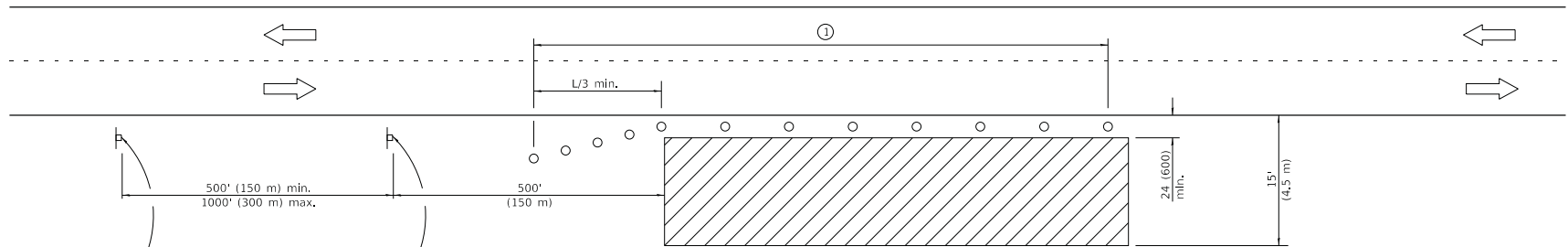
STANDARD 424021-05

Illinois Department of Transportation

PASSED January 1, 2019
Michael B. ...
 ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2019
John E. ...
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-12



For contract construction projects



W20-1103(0)-48



W21-1(0)-48

For maintenance and utility projects



W20-1(0)-48

TYPICAL APPLICATIONS

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

SYMBOLS



Work area



Sign



Cone, drum or barricade

- ① When the work operation exceeds one hour, cones, drums or barricades shall be placed at 25' (8 m) centers for L/3 distance, and at 50' (15 m) centers through the remainder of the work area.

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)

40 mph (70 km/h) or less:

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

45 mph (80 km/h) or greater:

$$L = (W)(S) \quad L = 0.65(W)(S)$$

W = Width of offset in feet (meters).

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

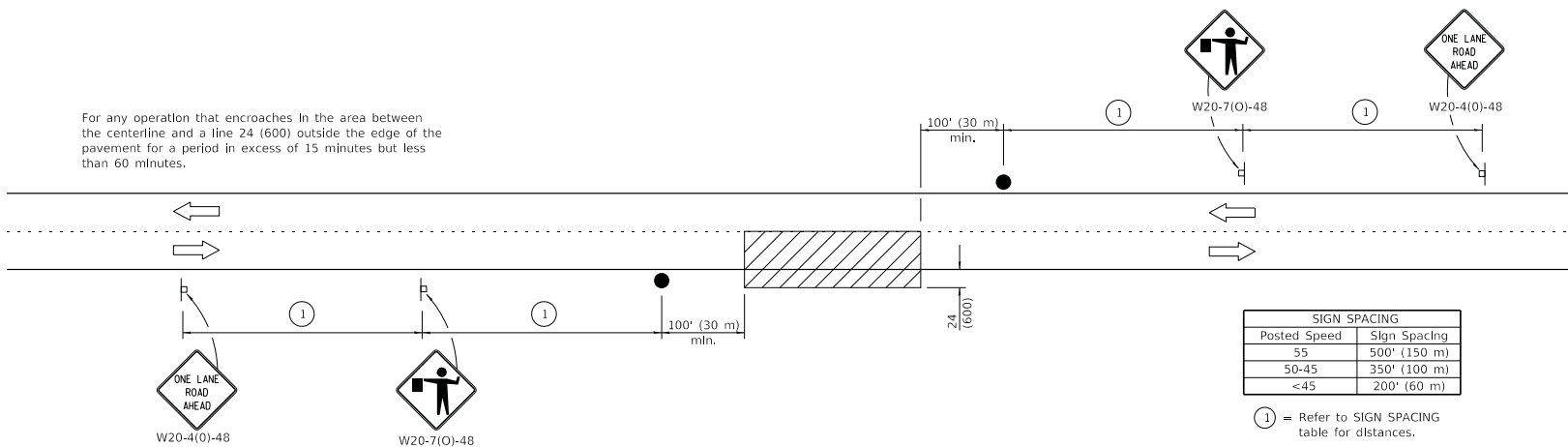
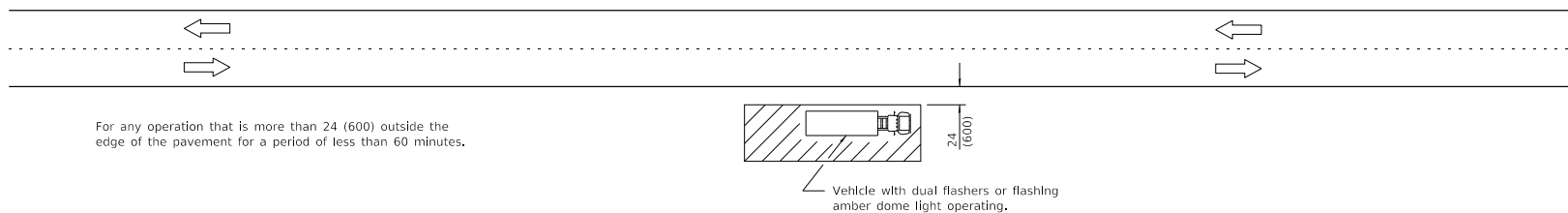
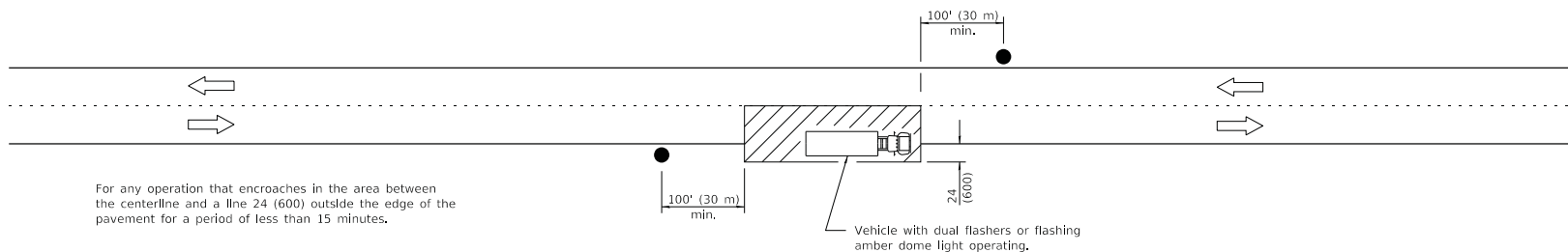
All dimensions are in inches (millimeters) unless otherwise shown.

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

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

STANDARD 701006-05

| | |
|--|---------------|
| Illinois Department of Transportation | |
| PASSED <u> </u> January 1, 2014 | ISSUED 1-1-14 |
| APPROVED <u> </u> January 1, 2014 | |
| ENGINEER OF SAFETY ENGINEERING | |
| ENGINEER OF DESIGN AND ENVIRONMENT | |



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

TYPICAL APPLICATIONS

- Marking patches
- Field survey
- String line
- Utility operations
- Cleaning up debris on pavement

SYMBOLS

- Work area
- Sign on portable or permanent support
- Flagger with traffic control sign

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

Illinois Department of Transportation

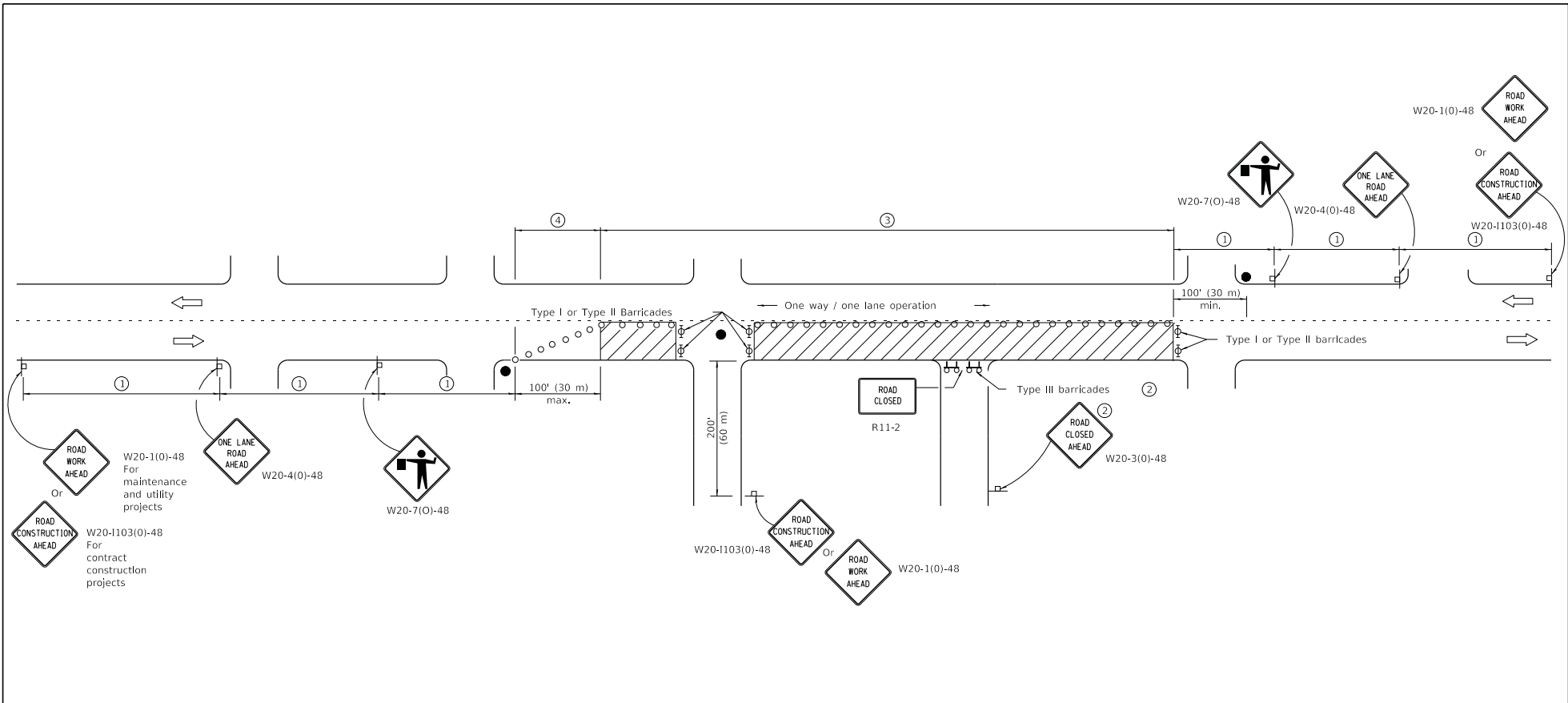
PASSED January 1, 2011
 ENGINEER OF SAFETY ENGINEERING
 APPROVED January 1, 2011
 ENGINEER OF DESIGN AND ENVIRONMENT

48-P-1 (REVISED)

| DATE | REVISIONS |
|--------|-------------------------------------|
| 1-1-11 | Revised flagger sign. |
| 1-1-09 | Switched units to English (metric). |

LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS

STANDARD 701301-04



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

SYMBOLS

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

- ① Refer to SIGN SPACING TABLE for distances.
- ② For approved sideroad closures.
- ③ Cones at 25' (8 m) centers for 250' (75 m). Additional cones may be placed at 50' (15 m) centers. When drums or Type I or Type II barricades are used, the interval between devices may be doubled.
- ④ Cones, drums or barricades at 20' (6 m) centers.

GENERAL NOTES

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

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

Illinois Department of Transportation

PASSED January 1, 2011
 ENGINEER OF SAFETY ENGINEERING
[Signature]

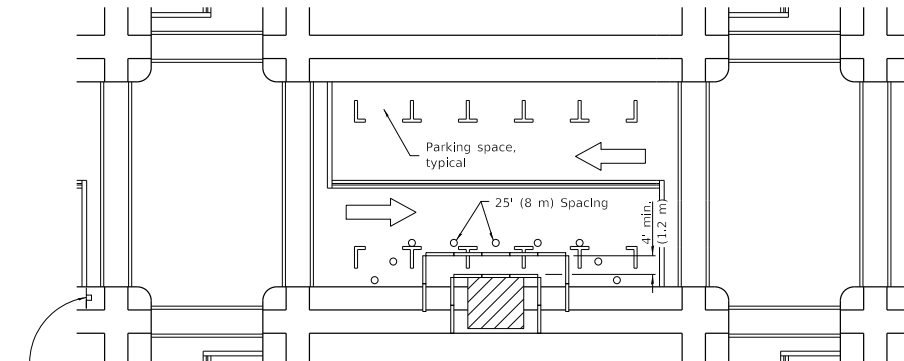
ISSUED 1-1-11

APPROVED January 1, 2011
 ENGINEER OF DESIGN AND ENVIRONMENT
[Signature]

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

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

STANDARD 701501-06

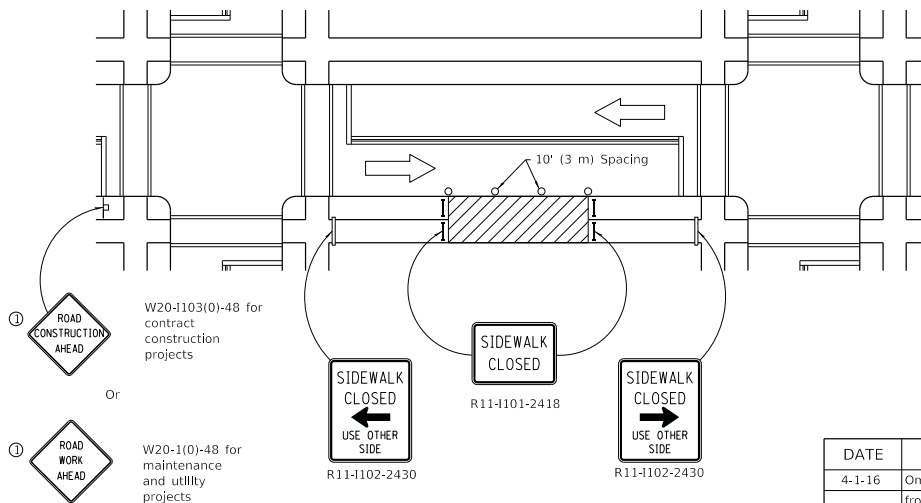


① ROAD CONSTRUCTION AHEAD
W20-1103(0)-48 for contract construction projects

Or

① ROAD WORK AHEAD
W20-1(0)-48 for maintenance and utility projects

SIDEWALK DIVERSION



① ROAD CONSTRUCTION AHEAD
W20-1103(0)-48 for contract construction projects

Or

① ROAD WORK AHEAD
W20-1(0)-48 for maintenance and utility projects

SIDEWALK CLOSURE

① Omit whenever duplicated by road work traffic control.

GENERAL NOTES

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

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

Temporary facilities shall be detectable and accessible.

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

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

Type III barricades and R11-2-4830 signs shall be positioned as shown in "ROAD CLOSED TO ALL TRAFFIC" detail on Standard 701901.

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

SYMBOLS

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

Illinois Department of Transportation

PASSED *[Signature]* April 1, 2016
ENGINEER OF SAFETY ENGINEERING

APPROVED *[Signature]* April 1, 2016
ENGINEER OF DESIGN AND ENVIRONMENT

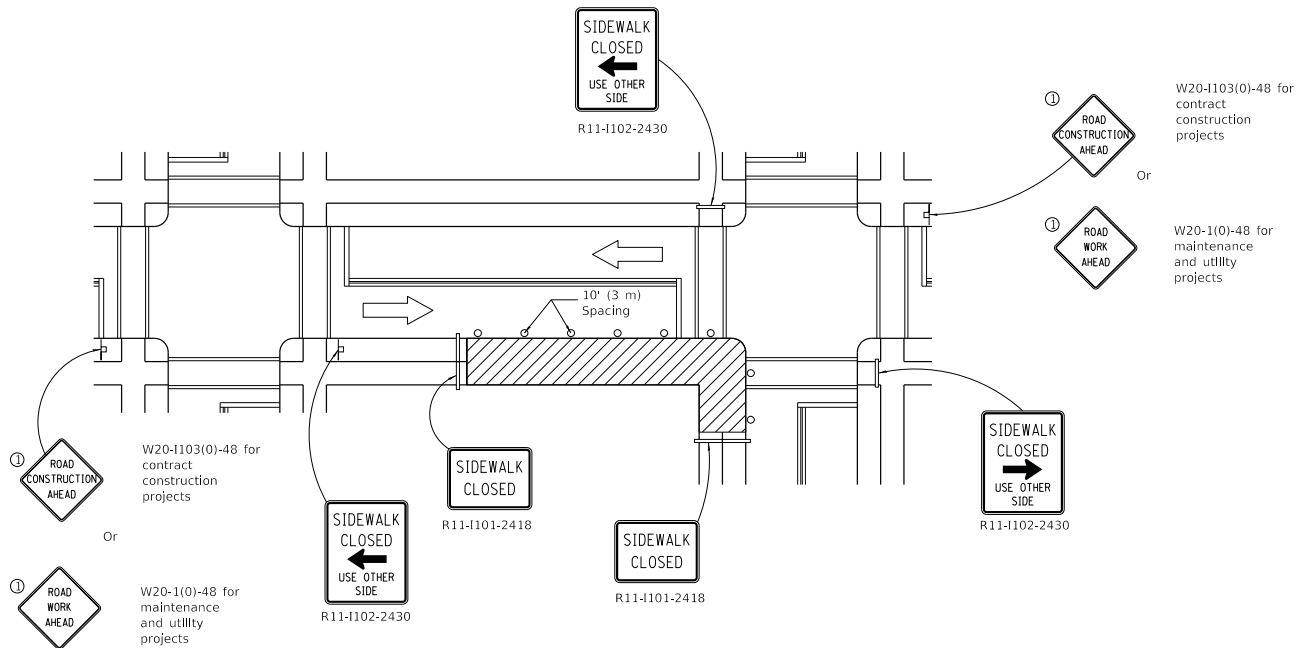
ISSUED 1-14-17

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

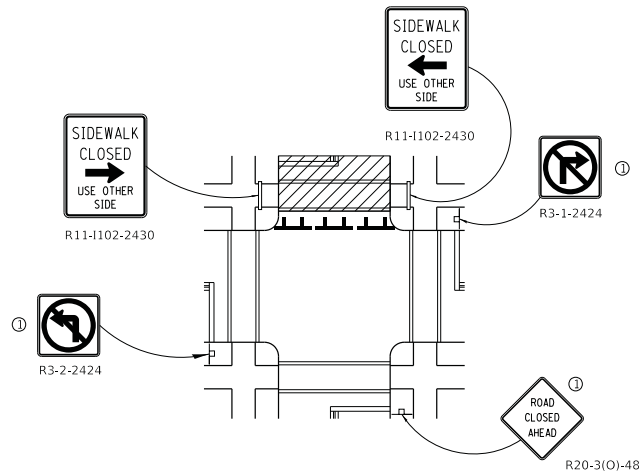
SIDEWALK, CORNER OR CROSSWALK CLOSURE

(Sheet 1 of 2)

STANDARD 701801-06



CORNER CLOSURE



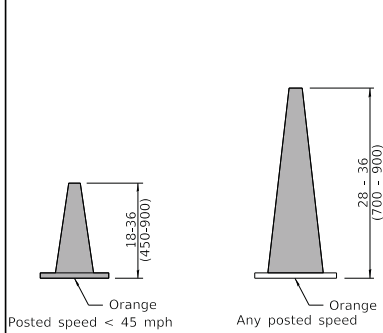
CROSSWALK CLOSURE

SIDEWALK, CORNER OR CROSSWALK CLOSURE

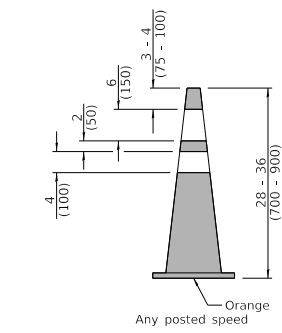
(Sheet 2 of 2)

STANDARD 701801-06

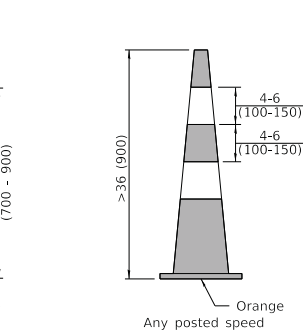
| | |
|---------------------------------------|---------------|
| Illinois Department of Transportation | |
| PASSED | April 1, 2016 |
| | |
| ENGINEER OF SAFETY ENGINEERING | |
| APPROVED | April 1, 2016 |
| | |
| ENGINEER OF DESIGN AND ENVIRONMENT | |
| ISSUED | 1-1-97 |



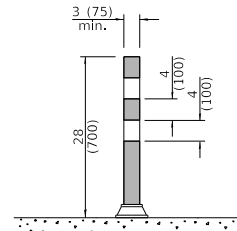
DAYTIME USE



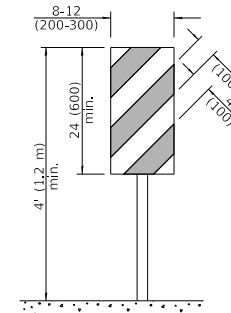
CONES



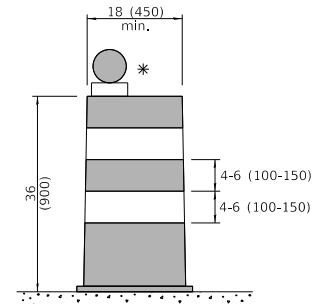
DAY OR NIGHTTIME USE



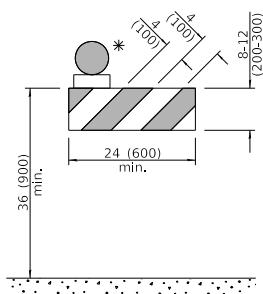
TUBULAR MARKER



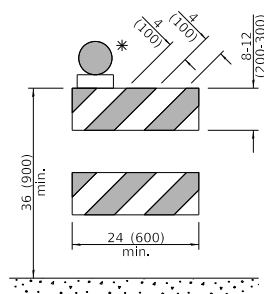
**VERTICAL PANEL
POST MOUNTED**



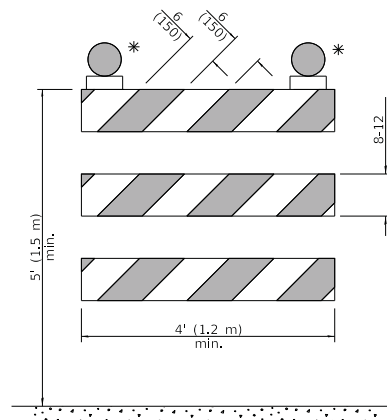
DRUM



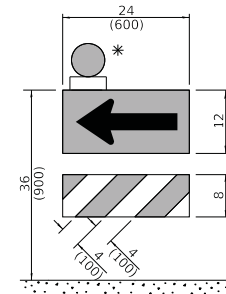
TYPE I BARRICADE



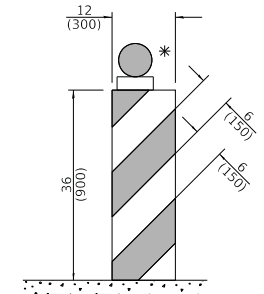
TYPE II BARRICADE



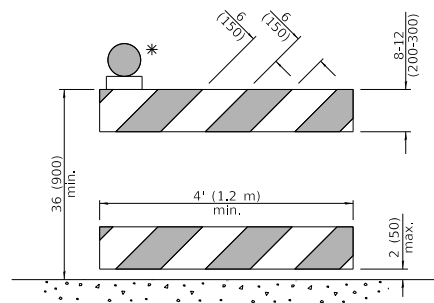
TYPE III BARRICADE



**DIRECTION INDICATOR
BARRICADE**



VERTICAL BARRICADE



**DETECTABLE PEDESTRIAN
CHANNELIZING BARRICADE**

* Warning lights (if required)

GENERAL NOTES

All heights shown shall be measured above the pavement surface.

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

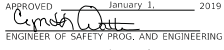
| DATE | REVISIONS |
|--------|---|
| 1-1-19 | Revised cone usage and added cones >36" (900 m) height. |
| 1-1-18 | Revised END WORK ZONE SPEED LIMIT sign from orange to white background. |


TRAFFIC CONTROL DEVICES

(Sheet 1 of 3)

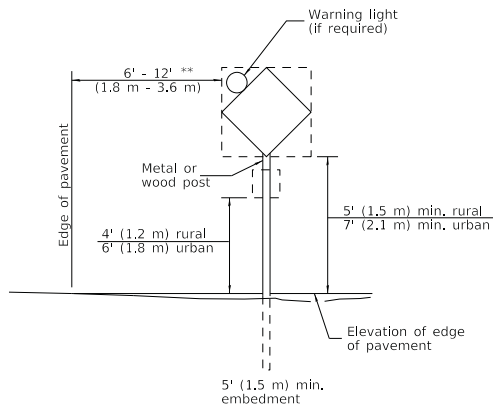
STANDARD 701901-08

Illinois Department of Transportation

APPROVED January 1, 2019

 ENGINEER OF SAFETY, PROG. AND ENGINEERING

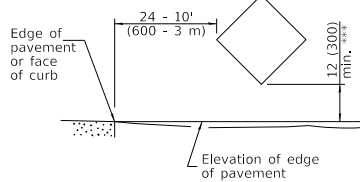
APPROVED January 1, 2019

 ENGINEER OF DESIGN AND ENVIRONMENT

ST-C-1 (01/15)



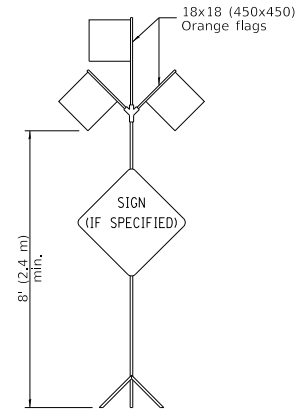
POST MOUNTED SIGNS

** 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

END
CONSTRUCTION

G20-1104(0)-6036

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



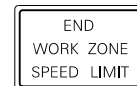
W21-1115(0)-3618

R2-1-3648

R10-1108p-3618 ****

R2-1106p-3618

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

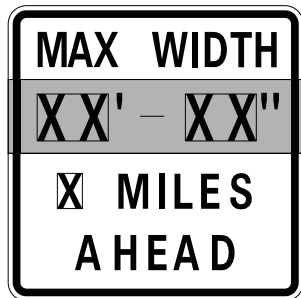


G20-1103-6036

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

HIGHWAY CONSTRUCTION SPEED ZONE SIGNS

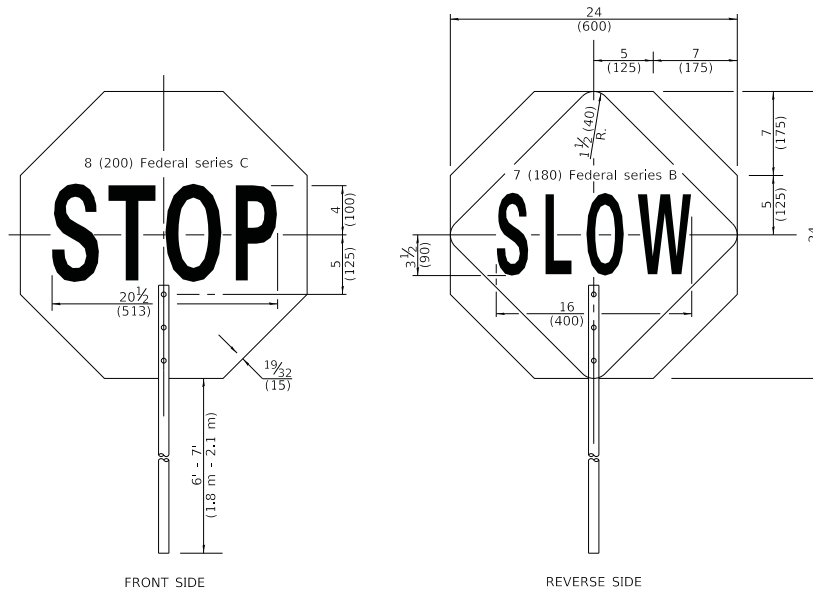
**** R10-1108p shall only be used along roadways under the jurisdiction of the State.



W12-1103-4848

WIDTH RESTRICTION SIGN

XX'-XX" width and X miles are variable.



FLAGGER TRAFFIC CONTROL SIGN

Illinois Department of Transportation

APPROVED January 1, 2019
Cynthia A. ...
 ENGINEER OF SAFETY PROG. AND ENGINEERING

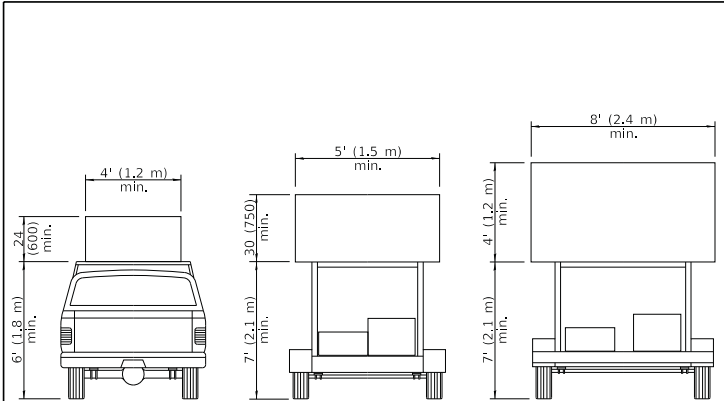
APPROVED January 1, 2019
...
 ENGINEER OF DESIGN AND ENVIRONMENT

1525
 81-1-1

TRAFFIC CONTROL DEVICES

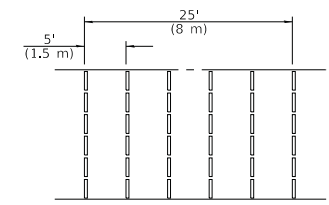
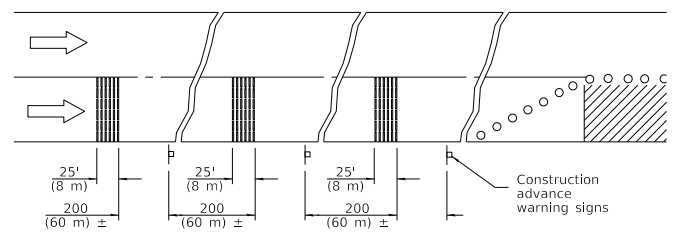
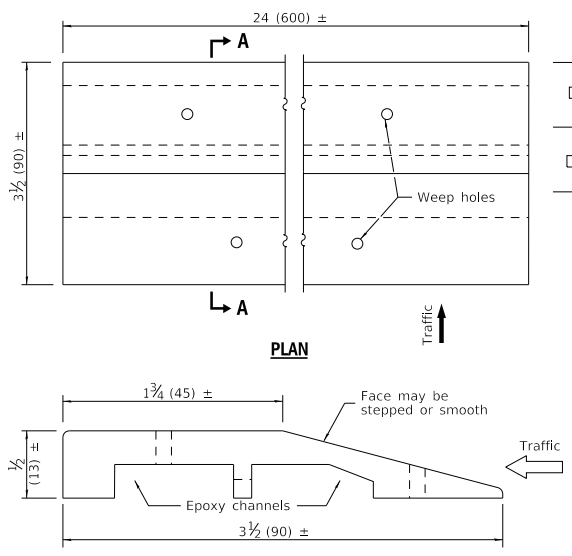
(Sheet 2 of 3)

STANDARD 701901-08



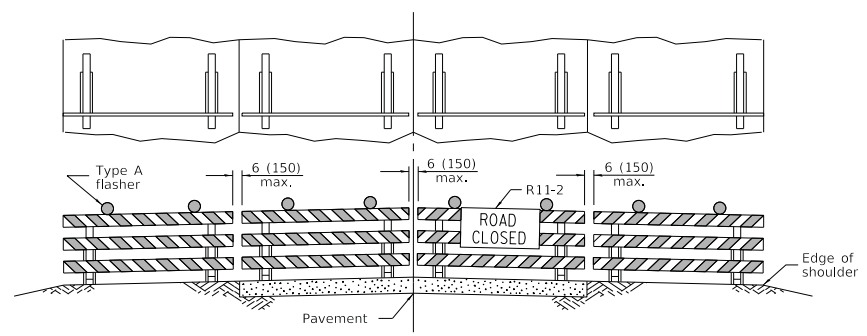
TYPE A ROOF MOUNTED
TYPE B ROOF OR TRAILER MOUNTED
TYPE C TRAILER MOUNTED

ARROW BOARDS



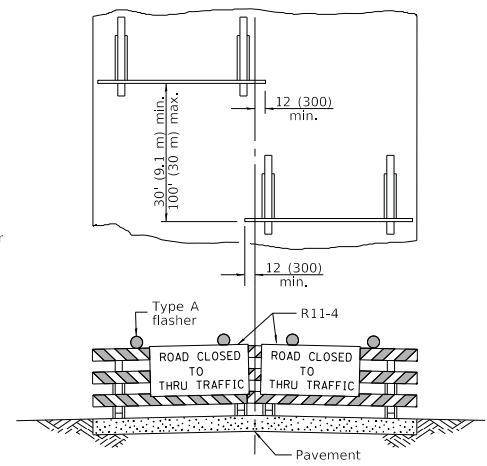
TYPICAL INSTALLATION

TEMPORARY RUMBLE STRIPS



ROAD CLOSED TO ALL TRAFFIC

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



ROAD CLOSED TO THRU TRAFFIC

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

TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD

Illinois Department of Transportation

APPROVED January 1, 2019
Cynthia A. [Signature]
 ENGINEER OF SAFETY PROG. AND ENGINEERING

APPROVED January 1, 2019
[Signature]
 ENGINEER OF DESIGN AND ENVIRONMENT

ST-C-11 (REVISED)

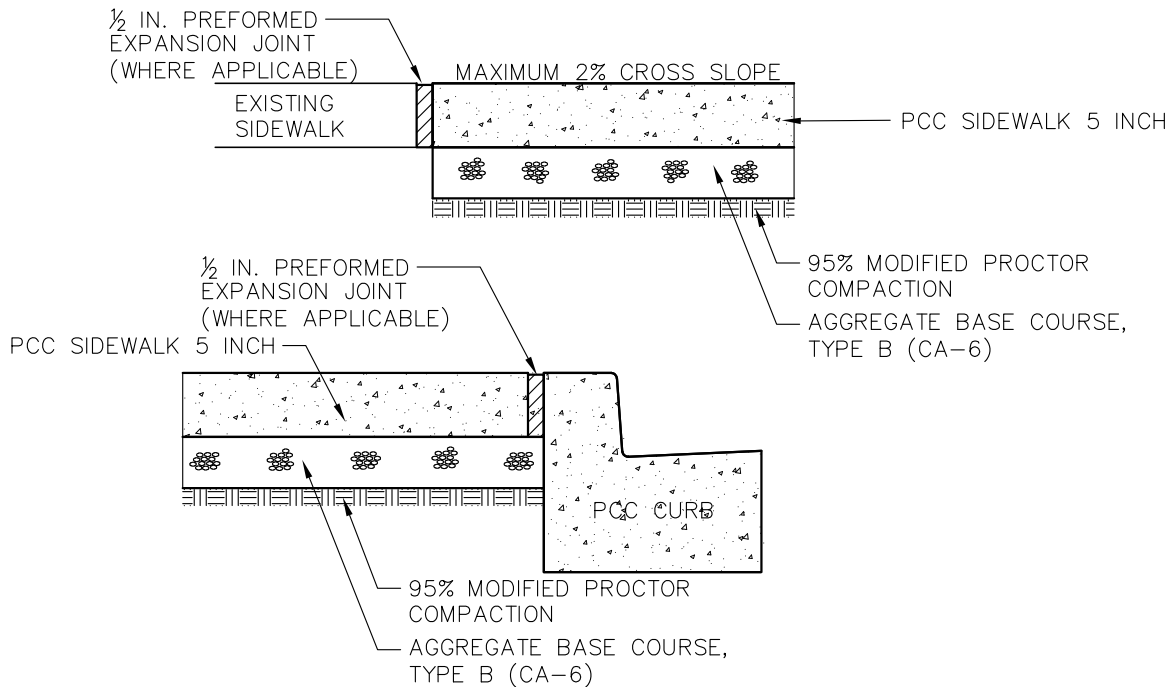
TRAFFIC CONTROL DEVICES

(Sheet 3 of 3)

STANDARD 701901-08

NOTES:

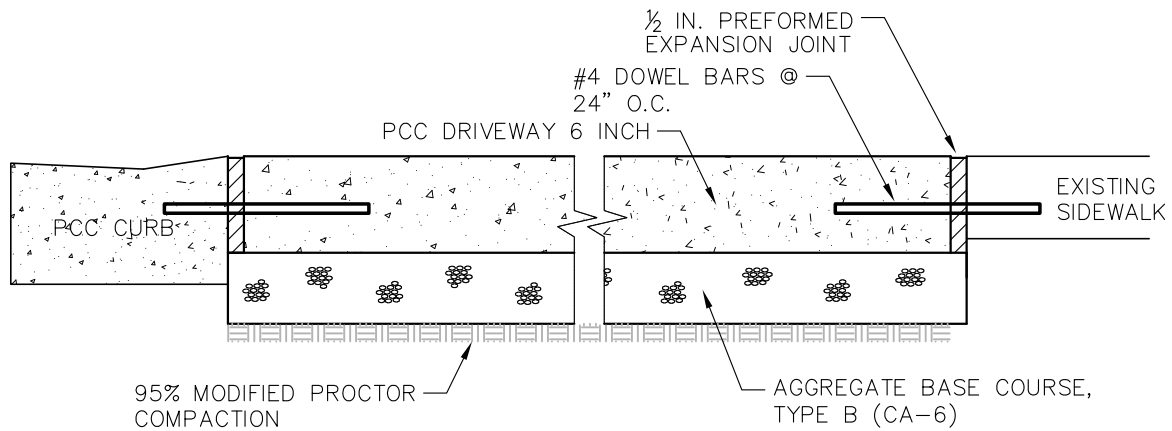
1. IF NO EXISTING EXPANSION JOINT EXISTS WITHIN 50 FT IN EITHER DIRECTION OF THE SPOT REPAIR, A ½ IN. PREFORMED EXPANSION JOINT SHALL BE INSTALLED, OR AT THE DIRECTION OF THE ENGINEER.
2. CONTROL JOINTS SHALL EXTEND TO ¼ THE DEPTH OF THE SIDEWALK, AND SHALL BE ⅛ IN. TO ¼ IN. IN WIDTH. THE EDGE OF THE CONTROL JOINTS SHALL BE GIVEN A ¼ IN. RADIUS.
3. IF APPLICABLE, #4 EPOXY COATED DOWEL BARS SHALL BE INSTALLED AT 24 IN. ON CENTER AT SIDEWALK ACCESSIBILITY RAMP BETWEEN THE KEYSTONE AND THE CURB.
4. SIDEWALK WIDTH SHALL MATCH THE EXISTING WIDTH OR AS SHOWN ON THE PLANS.
5. SIDEWALK JOINTS SHALL MATCH CURB CONTROL AND CONSTRUCTION JOINTS, IF APPLICABLE.



DETAIL SHEET 1 OF 2

NOTES:

1. SET 1/2 IN. PREFORMED EXPANSION JOINT FILLER WHERE THE DRIVEWAY PAVEMENT ABUTS EXISTING SIDEWALK AND CURB. NO EXPANSION JOINT SHALL BE REQUIRED ALONG THE EDGE OF EXISTING DRIVEWAY PAVEMENT.
2. CONTROL JOINTS SHALL EXTEND TO 1/4 THE DEPTH OF THE SIDEWALK, AND SHALL BE 1/8 IN. TO 1/4 IN. IN WIDTH. THE EDGE OF THE CONTROL JOINTS SHALL BE GIVEN A 1/4 IN. RADIUS.
3. #4 EPOXY COATED DOWEL BARS SHALL BE INSTALLED AT 24 IN. ON CENTER WHERE THE DRIVEWAY PAVEMENT ABUTS EXISTING SIDEWALK AND CURB. NO DOWEL BARS SHALL BE REQUIRED ALONG THE EXISTING DRIVEWAY PAVEMENT.
4. DRIVEWAY PAVEMENT SHALL MATCH THE EXISTING WIDTH.



DETAIL SHEET 2 OF 2