



AGENDA ITEM EXECUTIVE SUMMARY

Agenda Item:	2020 RIDGE LANE DRAINAGE IMPROVEMENTS		
Presenter & Title:	Brian L. Schiber, P.E. Assistant Director of Public Works/City Engineer		
Date:	July 20, 2020		
Please Check Appropriate Box:			
<input checked="" type="checkbox"/>	Committee of the Whole Meeting		Special Committee of the Whole Meeting
<input checked="" type="checkbox"/>	City Council Meeting		Special City Council Meeting
<input type="checkbox"/>	Public Hearing		Other -
Associated Strategic Plan Goal/Objective: EMS-2 / QL-1			
Estimated Cost: \$ 150,000.00	Budgeted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Other Funding? <input type="checkbox"/> Yes <input type="checkbox"/> No	
<i>If "Other Funding," please explain how the item will be funded:</i>			
Executive Summary:			
<p>This project entails the construction of storm sewers to improve the drainage in the back yards along the east side of Ridge Lane between #19 and #49.</p> <p>Eleven (11) bids were received and summarized in the Bid Tabulation (attached). Stark and Son Trenching, Inc. from Hampshire, Illinois was the lowest responsible bidder. Stark and Son Trenching, Inc has done work for the City of Geneva, IL in the past and have performed satisfactorily.</p>			
Attachments: <i>(please list)</i>			
<ul style="list-style-type: none"> • Resolution • Tabulation of Bids 			
Voting Requirements:			
<p><i>This motion requires 5 affirmative votes for passage.</i></p> <p><i>The Mayor may vote on three occasions: (a) when the vote of the aldermen or trustees has resulted in a tie; (b) when one half of the aldermen or trustees elected have voted in favor of an ordinance, resolution, or motion even though there is no tie votes; or (c) when a vote greater than a majority of the corporate authorities is required by state statute or local ordinance to adopt an ordinance, resolution, or motion.</i></p>			
Recommendation / Suggested Action: <i>(how item should be listed on agenda)</i>			
<p>Recommend approval of a resolution authorizing the City Administrator to execute a contract for the 2020 RIDGE LANE DRAINAGE IMPROVEMENTS with Stark and Son Trenching of Hampshire, IL in the amount not to exceed \$150,000.00.</p>			

RESOLUTION NO. 2020 -47

**RESOLUTION AUTHORIZING EXECUTION OF CONTRACT
with Stark and Son Trenching, Inc. for
“2020 Ridge Lane Drainage Improvement”**

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF GENEVA, KANE COUNTY, ILLINOIS, as follows:

SECTION 1: That the City Administrator is hereby authorized to execute, on behalf of the City of Geneva, a Construction Contract with Stark & Son Trenching, relating to the construction of a storm sewers and the paving of the alley behind the homes located Ridge Ln. between #19 and #49.

SECTION 2: This Resolution shall become effective from and after its passage as in accordance with law.

PASSED by the City Council of the City of Geneva, Kane County, Illinois, this 3rd day of August, 2020.

AYES: __ NAYS: __ ABSENT: __ ABSTAINING: __ HOLDING OFFICE: __

Approved by me this ____ day of _____, 2020.

Mayor

ATTEST:

City Clerk

CITY OF GENEVA BID TABULATION:
2020 RIDGE LANE DRAINAGE IMPROVEMENT

Bid Opened: June 29, 2020 @ 10:00 AM

DESCRIPTION	PLAN QUANTITY		ENGINEER'S ESTIMATE		STARK & SON TRENCHING, INC. 45W826 ROHRSEN ROAD HAMPSHIRE, IL 60140		ALAMP CONCRETE CONTRACTORS, INC. 1900 WRIGHT BOULEVARD SCHAUMBURG, ILLINOIS 60193		PERFORMANCE AND ENGINEERING, LLC. 217 W JOHN STREET PLANO, ILLINOIS 60545		MAURO SEWER CONSTRUCTION, INC. 1251 REDEKER ROAD DES PLAINES, ILLINOIS 60016		SCANLON EXCAVATING AND CONCRETE, INC. KANKAKEE, ILLINOIS 60901		MARTAM CONSTRUCTION, INC. 1200 GASKET DRIVE ELGIN, ILLINOIS 60120		CONSTRUCTION BY CAMCO, INC. 2125 OAK LEAF STREET JOLET, ILLINOIS 60436		HOLIDAY SEWER & WATER CONSTRUCTION CO. INC. 1000N RAND ROAD SUITE 116 WACONDA, ILLINOIS 60084		MIAN MCONSTRUCTION CO, INC. 1041 MARTHA STREET ELK GROVE VILLAGE, ILLINOIS 60007		PATNICK CONSTRUCTION INC. 9760 FRANKLIN AVENUE #504 FRANKLIN PARK, ILLINOIS 60131		SCORPIO CONSTRUCTION CORPORATION 103 OSWEGO PLAINS DRIVE OSWEGO, ILLINOIS 60543	
	UNIT	QTY	UNIT PRICE	COST	UNIT PRICE	COST	UNIT PRICE	COST	UNIT PRICE	COST	UNIT PRICE	COST	UNIT PRICE	COST	UNIT PRICE	COST	UNIT PRICE	COST	UNIT PRICE	COST	UNIT PRICE	COST	UNIT PRICE	COST	UNIT PRICE	COST
HOT-MIX ASPHALT BINDER CSE, IL-19.0, N50	TON	204.00	\$65.00	\$ 13,260.00	\$109.00	\$22,236.00	\$ 83.00	\$ 16,932.00	\$ 98.00	\$ 19,992.00	\$ 114.00	\$ 23,256.00	\$ 135.00	\$ 27,540.00	\$ 115.00	\$ 23,460.00	\$ 96.80	\$ 19,747.20	\$ 140.00	\$ 28,560.00	\$ 110.00	\$ 22,440.00	\$ 103.00	\$ 21,012.00	\$ 100.00	\$ 20,400.00
HOT-MIX ASPHALT SURFACE CSE, MIX D, IL-9.5, N50	TON	123.00	\$70.00	\$ 8,610.00	\$110.00	\$13,530.00	\$ 94.00	\$ 11,562.00	\$ 108.00	\$ 13,284.00	\$ 118.00	\$ 14,514.00	\$ 165.00	\$ 20,295.00	\$ 128.00	\$ 15,744.00	\$ 107.80	\$ 13,259.40	\$ 155.00	\$ 19,065.00	\$ 118.00	\$ 14,514.00	\$ 115.00	\$ 14,145.00	\$ 106.00	\$ 13,038.00
STORM SEWER, CLASS B, TY 2, 6 INCH	FOOT	142.00	\$48.00	\$ 6,816.00	\$42.00	\$5,964.00	\$ 61.00	\$ 8,662.00	\$ 50.00	\$ 7,100.00	\$ 39.00	\$ 5,538.00	\$ 55.00	\$ 7,810.00	\$ 63.00	\$ 8,946.00	\$ 104.60	\$ 14,853.20	\$ 40.00	\$ 5,680.00	\$ 102.00	\$ 14,484.00	\$ 100.00	\$ 14,200.00	\$ 120.00	\$ 17,040.00
STORM SEWER, CLASS B, TY 2, 12 INCH	FOOT	591.00	\$61.00	\$ 36,051.00	\$101.00	\$59,691.00	\$ 77.00	\$ 45,507.00	\$ 70.00	\$ 41,370.00	\$ 70.00	\$ 41,370.00	\$ 65.00	\$ 38,415.00	\$ 89.00	\$ 52,599.00	\$ 129.81	\$ 76,717.71	\$ 90.00	\$ 53,190.00	\$ 131.00	\$ 77,421.00	\$ 190.00	\$ 112,290.00	\$ 150.00	\$ 88,650.00
STORM SEWER, CLASS B, TY 2, 18 INCH	FOOT	15.00	\$75.00	\$ 1,125.00	\$88.00	\$1,320.00	\$ 85.00	\$ 1,275.00	\$ 150.00	\$ 2,250.00	\$ 85.00	\$ 1,275.00	\$ 200.00	\$ 3,000.00	\$ 146.00	\$ 2,190.00	\$ 112.27	\$ 1,684.05	\$ 150.00	\$ 2,250.00	\$ 278.00	\$ 4,170.00	\$ 200.00	\$ 3,000.00	\$ 900.00	\$ 13,500.00
PREPARATION OF BASE	SQ YD	1,455.00	\$6.50	\$ 9,457.50	\$4.37	\$6,358.35	\$ 2.25	\$ 3,273.75	\$ 9.00	\$ 13,095.00	\$ 11.00	\$ 16,005.00	\$ 15.00	\$ 21,825.00	\$ 11.00	\$ 16,005.00	\$ 10.10	\$ 14,695.50	\$ 25.00	\$ 36,375.00	\$ 14.00	\$ 20,370.00	\$ 20.00	\$ 29,100.00	\$ 10.00	\$ 14,550.00
TRENCH BACKFIL	CU YD	422.00	\$38.00	\$ 16,036.00	\$30.00	\$12,660.00	\$ 10.00	\$ 4,220.00	\$ 30.00	\$ 12,660.00	\$ 29.00	\$ 12,238.00	\$ 40.00	\$ 16,880.00	\$ 42.00	\$ 17,724.00	\$ 0.01	\$ 4.22	\$ 40.00	\$ 16,880.00	\$ 58.00	\$ 24,476.00	\$ 28.00	\$ 11,816.00	\$ 40.00	\$ 16,880.00
SEWER PIPE REMOVAL AND DISPOSAL	FOOT	20.00	\$15.00	\$ 300.00	\$15.00	\$300.00	\$ 1.00	\$ 20.00	\$ 15.00	\$ 300.00	\$ 10.00	\$ 200.00	\$ 10.00	\$ 200.00	\$ 13.00	\$ 260.00	\$ 116.09	\$ 2,321.80	\$ 15.00	\$ 300.00	\$ 20.00	\$ 400.00	\$ 25.00	\$ 500.00	\$ 100.00	\$ 2,000.00
REMOVING INLETS	EACH	2.00	\$350.00	\$ 700.00	\$300.00	\$600.00	\$ 400.00	\$ 800.00	\$ 150.00	\$ 300.00	\$ 150.00	\$ 300.00	\$ 300.00	\$ 600.00	\$ 122.00	\$ 244.00	\$ 918.69	\$ 1,837.38	\$ 800.00	\$ 1,600.00	\$ 600.00	\$ 1,200.00	\$ 100.00	\$ 200.00	\$ 500.00	\$ 1,000.00
MANHOLE, TYPE A, 48", BEEHIVE GRATE	EACH	1.00	\$6,000.00	\$ 6,000.00	\$1,250.00	\$1,250.00	\$ 4,000.00	\$ 4,000.00	\$ 4,000.00	\$ 4,000.00	\$ 2,600.00	\$ 2,600.00	\$ 2,800.00	\$ 2,800.00	\$ 3,620.00	\$ 3,620.00	\$ 3,466.76	\$ 3,466.76	\$ 6,250.00	\$ 6,250.00	\$ 7,580.00	\$ 7,580.00	\$ 3,475.00	\$ 3,475.00	\$ 30,000.00	\$ 30,000.00
MANHOLE, TYPE A, 48", TYPE 1 FRAME & GRATE	EACH	1.00	\$6,000.00	\$ 6,000.00	\$1,610.00	\$1,610.00	\$ 4,300.00	\$ 4,300.00	\$ 4,200.00	\$ 4,200.00	\$ 2,800.00	\$ 2,800.00	\$ 2,800.00	\$ 2,800.00	\$ 3,880.00	\$ 3,880.00	\$ 4,944.40	\$ 4,944.40	\$ 4,500.00	\$ 4,500.00	\$ 7,580.00	\$ 7,580.00	\$ 3,480.00	\$ 3,480.00	\$ 30,000.00	\$ 30,000.00
INLETS, TYPE A, TYPE 1 FRAME AND GRATE	EACH	2.00	\$1,600.00	\$ 3,200.00	\$1,190.00	\$2,380.00	\$ 2,000.00	\$ 4,000.00	\$ 2,000.00	\$ 4,000.00	\$ 1,100.00	\$ 2,200.00	\$ 1,500.00	\$ 3,000.00	\$ 2,260.00	\$ 4,520.00	\$ 1,721.86	\$ 3,443.72	\$ 2,500.00	\$ 5,000.00	\$ 1,800.00	\$ 3,600.00	\$ 1,400.00	\$ 2,800.00	\$ 4,000.00	\$ 8,000.00
INLETS, TYPE B, TYPE 1 FRAME AND GRATE	EACH	6.00	\$3,000.00	\$ 18,000.00	\$1,190.00	\$7,140.00	\$ 2,500.00	\$ 15,000.00	\$ 3,000.00	\$ 18,000.00	\$ 1,750.00	\$ 10,500.00	\$ 1,500.00	\$ 9,000.00	\$ 1,410.00	\$ 8,460.00	\$ 3,226.29	\$ 19,357.74	\$ 3,250.00	\$ 19,500.00	\$ 3,000.00	\$ 18,000.00	\$ 2,500.00	\$ 15,000.00	\$ 6,000.00	\$ 36,000.00
RESTORATION	SQ YD	1,200.00	\$8.75	\$ 10,500.00	\$4.55	\$5,460.00	\$ 5.00	\$ 6,000.00	\$ 10.00	\$ 12,000.00	\$ 11.00	\$ 13,200.00	\$ 15.00	\$ 18,000.00	\$ 10.00	\$ 12,000.00	\$ 16.17	\$ 19,404.00	\$ 8.00	\$ 9,600.00	\$ 6.00	\$ 7,200.00	\$ 10.50	\$ 12,600.00	\$ 12.00	\$ 14,400.00
MOBILIZATION	L SUM	1.00	\$8,500.00	\$ 8,500.00	\$5,000.00	\$5,000.00	\$ 9,900.00	\$ 9,900.00	\$ 10,000.00	\$ 10,000.00	\$ 4,000.00	\$ 4,000.00	\$ 7,500.00	\$ 7,500.00	\$ 11,000.00	\$ 11,000.00	\$ 3,204.00	\$ 3,204.00	\$ 5,000.00	\$ 5,000.00	\$ 16,200.00	\$ 16,200.00	\$ 4,000.00	\$ 4,000.00	\$ 15,000.00	\$ 15,000.00
TRAFFIC CONTROL AND PROTECTION	L SUM	1.00	\$3,000.00	\$ 3,000.00	\$1,000.00	\$1,000.00	\$ 24,000.00	\$ 24,000.00	\$ 6,400.00	\$ 6,400.00	\$ 20,000.00	\$ 20,000.00	\$ 1,500.00	\$ 1,500.00	\$ 18,000.00	\$ 18,000.00	\$ 550.00	\$ 550.00	\$ 2,500.00	\$ 2,500.00	\$ 10,600.00	\$ 10,600.00	\$ 5,000.00	\$ 5,000.00	\$ 10,000.00	\$ 10,000.00
TOTALS				\$ 147,555.50		\$ 146,499.35		\$ 159,451.75		\$ 168,951.00		\$ 169,996.00		\$ 181,165.00		\$ 198,652.00		\$ 199,491.08		\$ 216,250.00		\$ 250,235.00		\$ 252,618.00		\$ 330,458.00



CONTRACT:

- 1) THIS AGREEMENT, made and concluded the 26th day of August, ~~2019~~ ²⁰²⁰ between the CITY of GENEVA, ILLINOIS acting by and through its MAYOR and CITY COUNCIL known as the party of the first part, and STARK AND SON TRENCHING, INC. acting by and through his/there executors, administrators, successors or assigns, known as the party of the second part.
- 2) In consideration of the payments and agreements mentioned in the Proposal hereto attached, to be made and performed by the party of the first part, and according to the terms expressed in the Bond referring to these presents, the party of the second part agrees with party of the first part at his/their own proper cost and expense to do all the work, furnish all materials and all labor necessary to complete the work in a workman like manner and in accordance with the plans and specifications, and in full compliance with all the terms of this agreement.
- 3) It is also understood and agreed that the Plans, Notice to Bidders, Instructions to Bidders, Special Provisions, Proposal, Schedule of Prices, and Contract Bond, Affidavits and Certifications and Addendum hereto attached for the 2020 RIDGE LANE DRAINAGE IMPROVEMENTS in the CITY of GENEVA, ILLINOIS, are essential documents to this contract and are a part hereof.
- 4) IN WITNESS WHEREOF, The above parties have executed these present on the date above.



Attest:

Jessica H. ... Deputy Clerk

The City of GENEVA, ILLINOIS

by Stephan ...
CITY ADMINISTRATOR

Attest:

Corporation Name: STARK AND SON TRENCHING, INC.

Patricia ... Secretary

...
President Party of the Second Part

(Seal)

CONTRACT BOND

LET IT BE KNOWN TO ALL, that we STARK AND SON TRENCHING, a corporation organized under the laws of the State of Illinois and licensed to do business in the State of Illinois, as PRINCIPAL, and West Bend Mutual Insurance Company, a corporation and existing under the laws of the State of Wisconsin, with authority to do business in the State of Illinois, as SURETY, are held and firmly bound unto the City of Geneva, Illinois in the penal sum of ONE HUNDRED FORTYSIX THOUSAND, NINETY NINE - 35/100 Dollars (\$ 146,099.35), lawful money of the United States, well and truly to be paid unto City of Geneva, State of Illinois, for the payment of which we bind ourselves, our heirs, executors, administrators, successors, jointly to pay the City of Geneva, State of Illinois this sum under the conditions of this instrument.

WHEREAS THE CONDITION OF THE FOREGOING OBLIGATION IS SUCH that, the said Principal has entered into a written contract with the City of Geneva, State of Illinois, which is a municipal corporation and acts through the Mayor and City Council for the construction of the work designated 2020 RIDGE LANE DRAINAGE IMPROVEMENTS which contract is hereby referred to and made a part hereof, as if written herein at length, and whereby the said Principal has promised and agreed to perform said work in accordance with the terms of said contract, and has promised to pay all sums of money due for any labor, materials, apparatus, fixtures or machinery furnished to such Principal for the purpose of performing such work and has further agreed to pay all direct and indirect damages to any person, firm, company or corporation suffered or sustained on account of the performance of such work during the time thereof and until such work is completed and accepted; and has further agreed that this bond shall inure to the benefit of any person, firm, company or corporation to whom any money may be due from the Principal, subcontractor or otherwise for any such labor, materials, apparatus, fixtures or machinery so furnished and that suit may be maintained on such bond by any such person, firm, company or corporation for the recovery of any such money; and further agrees to obtain a one (1) year maintenance bond to remain in effect for the duration of one (1) year after final payment.

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

IN TESTIMONY WHEREOF, the said PRINCIPAL and the said SURETY have caused this instrument to be signed by their respective officers
this 27th day of August A.D. 2020

PRINCIPAL

STARK AND SON TRENCHING, INC.

(Company Name)

By: [Signature] President
(Signature) (Title)

Attest: [Signature] Secretary
(Signature) (Title)

State of Illinois

County of Kane

I, Edward D Powers, a Notary Public in and for said county, in the State aforesaid, do hereby certify that Michael Stark & Patricia A. Stark to me personally known to be
(Insert names of individuals signing on behalf of PRINCIPAL)

President and Secretary respectively of STARK AND SON TRENCHING, INC., a corporation, and who are each personally known to me to be the same persons whose names are subscribed to the foregoing instrument on behalf of PRINCIPAL, appeared before me this day in person and acknowledged that as such President and Secretary respectively they signed, sealed, and delivered said instrument as their free and voluntary act of said corporation, for the uses and purposes therein set forth, and that they were duly authorized to execute the same by the board of directors of said corporation.

Given under my hand and Notarial seal this 27th day of August A.D. 2020.

My commission expires 7/30/2024

[Signature]
Notary Public
OFFICIAL SEAL
EDWARD D POWERS
NOTARY PUBLIC - STATE OF ILLINOIS
MY COMMISSION EXPIRES: 07/30/24

West Bend Mutual Insurance Company
(Name of Surety)

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

State of Illinois

County of Lee

I, Edith Reynolds, a Notary Public in and for said county, in the State aforesaid, do hereby certify that Lauren Hornback, who is personally known to me to be the same person who
(Insert name of individual signing on behalf of SURETY)

signed the above and foregoing instrument as the Attorney-in-Fact for West Bend Mutual Insurance Company appeared before me this day in person and acknowledge that they signed the name of Lauren Hornback hereto, as their Principal, and their own name as Attorney-in-Fact, as the free and voluntary act of their said Principal for the uses and purposes therein set forth, and that they executed the said instrument under authority given them by said Principal.

Given under my hand and Notarial seal, this 27th day of August A.D. 2020.

My commission expires 08/07/2022

[Signature]
Notary Public
OFFICIAL SEAL
EDITH REYNOS
NOTARY PUBLIC - STATE OF ILLINOIS
MY COMMISSION EXPIRES: 08/07/22

Approved this _____ day of _____, A.D. 2020

Attest:

_____, Clerk

City of Geneva
(Awarding Authority)

(CITY ADMINISTRATOR)



POWER OF ATTORNEY

Know all men by these Presents, That West Bend Mutual Insurance Company, a corporation having its principal office in the City of West Bend, Wisconsin does make, constitute and appoint:

Lauren Hornback

lawful Attorney(s)-in-fact, to make, execute, seal and deliver for and on its behalf as surety and as its act and deed any and all bonds, undertakings and contracts of suretyship, provided that no bond or undertaking or contract of suretyship executed under this authority shall exceed in amount the sum of: **Ten Million Dollars (\$10,000,000)**

This Power of Attorney is granted and is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Board of Directors of West Bend Mutual Insurance Company at a meeting duly called and held on the 21st day of December, 1999.

Appointment of Attorney-In-Fact. The president or any vice president, or any other officer of West Bend Mutual Insurance Company may appoint by written certificate Attorneys-In-Fact to act on behalf of the company in the execution of and attesting of bonds and undertakings and other written obligatory instruments of like nature. The signature of any officer authorized hereby and the corporate seal may be affixed by facsimile to any such power of attorney or to any certificate relating therefore and any such power of attorney or certificate bearing such facsimile signatures or facsimile seal shall be valid and binding upon the company, and any such power so executed and certified by facsimile signatures and facsimile seal shall be valid and binding upon the company in the future with respect to any bond or undertaking or other writing obligatory in nature to which it is attached. Any such appointment may be revoked, for cause, or without cause, by any said officer at any time.

In witness whereof, the West Bend Mutual Insurance Company has caused these presents to be signed by its president undersigned and its corporate seal to be hereto duly attested by its secretary this 22nd day of September, 2017.

Attest Christopher C. Zwygart
Christopher C. Zwygart
Secretary



Kevin A. Steiner
Kevin A. Steiner
Chief Executive Officer/President

State of Wisconsin
County of Washington

On the 22nd day of September, 2017, before me personally came Kevin A. Steiner, to me known being by duly sworn, did depose and say that he resides in the County of Washington, State of Wisconsin; that he is the President of West Bend Mutual Insurance Company, the corporation described in and which executed the above instrument; that he knows the seal of the said corporation; that the seal affixed to said instrument is such corporate seal; that is was so affixed by order of the board of directors of said corporation and that he signed his name thereto by like order.



Juli A. Benedum
Juli A. Benedum
Senior Corporate Attorney
Notary Public, Washington Co., WI
My Commission is Permanent

The undersigned, duly elected to the office stated below, now the incumbent in West Bend Mutual Insurance Company, a Wisconsin corporation authorized to make this certificate, Do Hereby Certify that the foregoing attached Power of Attorney remains in full force effect and has not been revoked and that the Resolution of the Board of Directors, set forth in the Power of Attorney is now in force.

Signed and sealed at West Bend, Wisconsin this 27th day of August, 2020.



Heather A. Dunn
Heather Dunn
Vice President – Chief Financial Officer

Notice: Any questions concerning this Power of Attorney may be directed to the Bond Manager at NSI, a division of West Bend Mutual Insurance Company.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
09/04/2020

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

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

PRODUCER		CONTACT NAME: Melissa Padilla	
Crum-Halsted Agency Inc		PHONE (A/C, No, Ext): (815) 756-2906	FAX (A/C, No): (815) 756-2138
2350 Bethany Road		E-MAIL ADDRESS: mpadilla@crumhalsted.com	
Sycamore IL 60178		INSURER(S) AFFORDING COVERAGE	
		INSURER A: National Fire Insurance Company of Hartford	NAIC # 20478
		INSURER B: Continental Insurance Company	NAIC # 35289
		INSURER C:	
		INSURER D:	
		INSURER E:	
		INSURER F:	

COVERAGES **CERTIFICATE NUMBER:** 2019-2020 MASTER CERT **REVISION NUMBER:**

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

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> XCU INCLUDED GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER:			6016168289	12/31/2019	12/31/2020	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 15,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000
B	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY			6016168308	12/31/2019	12/31/2020	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 10,000			CUE 6016168292	12/31/2019	12/31/2020	EACH OCCURRENCE \$ 10,000,000 AGGREGATE \$ 10,000,000
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A	WC 616168275	12/31/2019	12/31/2020	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
A	CARGO COVERAGE RENTAL EQUIPMENT			6016168289	12/31/2019	12/31/2020	\$ 5,000 \$ 55,000

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

RE: 2020 Ridge Lane Drainage Improvements
 The City of Geneva is listed as additional insured with respects to the General Liability policy. This coverage and limits conform to at least the minimum amounts required by Article 107.27 of the Standard Specifications.

CERTIFICATE HOLDER	CANCELLATION
City of Geneva 22 S First Street Geneva IL 60134	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE <i>Yvonne A. Roseman</i>

**CONTRACT DOCUMENTS
AND PROJECT SPECIFICATIONS
FOR
2020 RIDGE LANE DRAINAGE IMPROVEMENTS
CITY OF GENEVA, ILLINOIS**

CONTRACTOR'S NAME: STARK AND SON TRENCHING

STREET ADDRESS: 45W826 ROHRSEN ROAD

CITY: HAMPSHIRE STATE: ILLINOIS

JULY 2020

INDEX

<u>SECTION</u>	<u>PAGES</u>
Index	1
Notice to Bidders	2
Instructions to Bidders	3
Prevailing Wage Requirements	4
Freedom of Information Act	4
Special Provisions	5
Proposal	17
Signature Sheet	18
Schedule of Prices	19
Affidavit of Experience	20
Certification for Bid	21
Certification of Compliance with Section 11-42.1-1 Of the Illinois Municipal Code	22
Certification of a Drug Free Workplace	23
Required Certification	24
Plans	26
Details	40
Contract	41
Contract Bond	42

NOTICE TO BIDDERS

Bids shall be submitted in duplicate, in sealed envelopes with the words "2020 RIDGE LANE DRAINAGE IMPROVEMENTS" clearly marked on the envelope. The envelopes will be received by the City of Geneva, Illinois until **10:00 A.M. Monday, June 29, 2020** at the office of the City Administrator located at 22 South First Street, Geneva, IL 60134. After which time they will be publicly opened and read aloud. Proposals submitted after the time specified will be returned to the bidder unopened. Bids that are not complete will not be read out loud after opening and will be returned. The Contractor shall submit a unit price for each of the following line items. This unit price shall be for the furnishing of all equipment, materials, labor, and incidentals necessary to complete the work for the construction of:

1)	204 TON	HMA BINDER COURSE, IL-19.0, N50
2)	123 TON	HMA SURFACE COURSE, MIX-D, IL-9.5, N50
3)	142 FT	STORM SEWER, CLASS B, TY 2, 6 INCH
4)	591 FT	STORM SEWER, CLASS B, TY 2, 12 INCH
5)	15 FT	STORM SEWER, CLASS B, TY 2, 18 INCH
6)	1,455 SY	PREPARATION OF BASE
7)	422 CY	TRENCH BACKFIL
8)	20 FT	SEWER PIPE REMOVAL AND DISPOSAL
9)	2 EA	REMOVING INLETS
10)	1 EA	MANHOLE, TYPE A, 48", BEEHIVE GRATE
11)	1 EA	MANHOLE, TYPE A, 48", TYPE 1 FRAME & LID
12)	2 EA	INLET TY A, TY 1 FRAME AND LID
13)	6 EA	INLET TY B, TY 1 FRAME AND LID
14)	1,200 SY	PARKWAY RESTORATION
15)	1 LS	MOBILIZATION
16)	1 LS	TRAFFIC CONTROL AND PROTECTION

All proposals shall be accompanied by a proposal guaranty equaling an amount not less than 5% of the bid. This guaranty may be in the form of a Bid Bond or cashier's check. The successful Bidder shall also submit a Contract Bond.

The successful bidder shall submit a current proof of insurance, according to the Standard Specifications. The City of Geneva shall be listed as Additionally Insured.

All bidders shall pay to all his/her employees and suppliers performing any and all work under this contract no less than the current prevailing wages in Kane County, Illinois and as determined by the Illinois Department of Labor.

The bid package shall be available on the City of Geneva web site. The contact person is C. Elton Orozco 630-232-1279 or corozco@geneva.il.us

The quantities appearing in the bid schedule are approximate and are for comparison of bids. Payment to the Contractors will be made only for materials in place and for quantities of work completed & accepted.

The bidder shall not take advantage of any errors or omissions in the proposal and advertised contract.

Bidder may withdraw their proposal if the bidder makes the request in writing or in person before the time specified for opening the proposals.

The Contractor and subcontractors shall certify that he/she is not in violation of, nor has been convicted, for a violation of the Illinois Public Construction Act.

INSTRUCTIONS TO BIDDERS

By submitting a bid, the Contractor is affirming that he/she has carefully read and examined all of the contract documents and has visited the site, and that he/she is aware of the field conditions and the requirements necessary to complete the work as listed in this contract.

The Bidder shall list the unit price for each line item and shall also list his/her total cost of his/her bid. The Bidder shall be responsible for all errors and/or omissions in his submittal. If there is an error, the overall cost will be recalculated using the unit prices submitted.

The Contractor is required to know and comply with all applicable Standards, Federal & State Codes and laws, and all applicable ordinances of the City of Geneva, Illinois.

The successful Bidder will receive a written Notice of Award, after which the Contractor shall have up to 15 business days to submit the signed contract documents. After all contract documents and work schedule are received, and the preconstruction meeting is held, a Notice to Proceed will be issued and only then can any site work start. Site work including Mobilization and delivery of materials.

The successful bidders shall submit a contract bond for an amount equaling the contract amount. The guarantor shall be a surety company authorized to do business in the State of Illinois.

Wherever removal is specified in this contract it is understood that cost associated with the disposal of same shall be included.

Bidders in doubt as to the true meaning of any part of the bid documents shall submit a written request for an interpretation thereof. The Engineer will give an interpretation of the matter in question. Interpretations requested less than 72 hours before the scheduled bid opening will not be responded to. Only written interpretations will be binding.

Bids which are not signed by the individuals making them should have attached thereto a power of attorney evidencing authority to sign the bid in the name of the person for whom it is signed.

Bids which are signed for a partnership should be signed by all of the partners or by an attorney-in-fact. If signed by an attorney-in-fact, there should be attached to the bid a power of attorney evidencing authority to sign the bid, executed by the partners.

Bids which are signed for a corporation should give the correct corporate name thereof and the signature of the president or other authorized officer of the corporation manually written below the corporate name following the word "By _____". Such a bid should also bear the attesting signature of the secretary of the corporation and the impression of the corporate seal.

Before the contract is awarded the prospective Contractor may be required, by the City, to furnish additional information that will satisfy them such that the Bidder is adequately prepared to fulfill the contract requirements.

The City of Geneva, Illinois reserves the right to reject any or all bids and waive technicalities.

PREVAILING WAGE REQUIREMENTS

Please be aware of the following two requirements of the Illinois Department of Labor for the Contractor and every Subcontractor working on public improvement projects in Illinois. There will be no exception to these public acts under this contract. Starting from the date the notice to proceed is issued, the Contractor and the Subcontractor will submit certified payroll records every calendar month for work done on this project as stated below.

- A. **CERTIFIED PAYROLL REQUIREMENTS (PUBLIC ACT 94-0515):** Effective August 10, 2005, Contractors and Subcontractors on public works projects must submit certified payroll records on a monthly basis to the public body in charge of the construction project, along with a statement affirming that such records are true and accurate, that the wages paid to each worker are not less than the required prevailing rate and that the Contractor is aware that filing records he or she knows to be false is a Class B misdemeanor.

The certified payroll records must include for every worker employed on the public works project the name, address, telephone number, social security number (the last four (4) digits is sufficient), job classification, hourly wages paid in each pay period, number of hours worked each day, and starting and ending time of work each day. These certified payroll records are considered public records, and public bodies must make these records available to the public under the Freedom of Information Act, with the exception of the employee's address, telephone number, and social security number. Any Contractor who fails to submit a certified payroll or knowingly files a false certified payroll is guilty of a Class B misdemeanor.

- B. **INCREASED PENALTIES FOR PREVAILING WAGE VIOLATION (PUBLIC ACT 94-0488):** Effective January 1, 2006, penalties for violations of the Prevailing Wage Act will be 50% of the underpaid amounts for second or subsequent violations. An additional penalty of 5% of the underpayment penalty must be paid to workers for each month the wages remain unpaid.

For violations that occur after January 1, 2006, the debarment period—during which Contractors are ineligible for public works contracts—increases from 2 years to 4 years if two notices of violation are issued/serious violations occur within a 5-year period. In addition, a new monetary penalty of \$5,000 may be assessed against Contractors who retaliate against employees who report violations or file complaints under the Prevailing Wage Act.

Freedom of Information Act

Contractor acknowledges that the Freedom of Information Act, 5 ILCS 140/1 et seq. (the "Act") places an obligation on the City to produce certain records that may be in the possession of the Contractor. The Contractor shall comply with the record retention and documentation requirements of the Local Records Act 50 ILCS 205/1 et seq. and the Act and shall maintain all records relating to this Agreement **2020 Ridge Lane Drainage Improvements** in compliance with the Local Records Retention Act and the Act (complying in all respects as if the Contractor was, in fact, the City. Upon notice from the City, Contractor shall review its records promptly and produce to the City within 2 business days of said notice from the City the required documents which are responsive to a request under the Act. If additional time is necessary to comply with the request, the Contractor may request the City to extend the time do so, and the City will, if time and a basis for extension under the Act permits, consider such extensions. In the event Contractor fails to produce the requested records or fails to produce the requested records within the time period required above and the City is assessed a fine, fee or penalty for failure to timely comply with the Act do to Contractor's actions, Contractor shall reimburse City for all fines, fee or penalties, including reasonable attorney's fees, paid by the City.

**SPECIAL PROVISIONS
FOR
CITY OF GENEVA
2020 RIDGE LANE DRAINAGE IMPROVEMENTS**

These Special Provisions, the "Standard Specifications for Road and Bridge Construction," adopted April 1, 2016, (hereinafter referred to as the Standard Specifications); the current Supplemental Specifications and Recurring Special Provision, and the current edition of the "Manual on Uniform Traffic Control Devices for Streets and Highways" (MUTCD); the current edition of the Standard Specifications for Water and Sewer Construction in Illinois, and the "Manual of Test Procedures of Material" in effect on the date of invitation for bids; and the Supplemental Specifications and Recurring Special Provisions indicated on the check sheet included herein, the Illinois Plumbing Code and the Illinois Plumbing License Law in effect at the time of bidding shall also apply, in so far as they apply. All the above shall govern the construction of this project. If there are any conflicts with the above the most stringent shall apply.

All pipes and fittings used on the project shall be manufactured in the U.S.A.

PLUMBING

The ILLINOIS PLUMBING LICENSE LAW (225 ILCS 320/), and the ILLINOIS PLUMBING CODE (ILPC), shall govern in so far as they apply. Attention shall be placed on of the following:

ILLINOIS PLUMBING LICENSE LAW (225 ILCS 320/29.5):

Sec. 29.5. Unlicensed and unregistered practice; violation; civil penalties.

(a) A person who practices, offers to practice, attempts to practice, or holds himself or herself out to practice as a plumber or plumbing contractor without being licensed or registered under this Act, shall, in addition to any other penalty provided by law, pay a civil penalty to the Department in an amount not to exceed \$5,000 for each offense as determined by the Department. The civil penalty shall be assessed by the Department after a hearing is held in accordance with the provisions set forth in this Act regarding the provision of a hearing for the discipline of a licensee or registrant.

(b) The Department has the authority and power to investigate any person who practices, offers to practice, attempts to practice, or holds himself or herself out to practice as a plumber or plumbing contractor without being licensed or registered under this Act, or as an irrigation contractor without being registered under this Act.

(c) The civil penalty shall be paid within 60 days after the effective date of the order imposing the civil penalty. The order shall constitute a judgment and may be filed and execution had on the judgment in the same manner as a judgment from a court of record. All fines and penalties collected by the Department under this Section of the Act and accrued interest shall be deposited into the Plumbing Licensure and Program Fund for use by the Department in performing activities relating to the administration and enforcement of this Act.

(d) A person who practices, offers to practice, or holds himself or herself out to practice as an irrigation contractor without being registered under this Act shall be subject to the following:

(1) For a first offense:

(A) Where no violations of the Illinois Plumbing

Code are found, the person shall pay a civil penalty of \$1,000 and may be referred to the State's Attorney or the Attorney General for prosecution under Section 29 of this Act.

(B) Where violations of the Illinois Plumbing

Code are found, the person shall pay a civil penalty of \$3,000 (the amount of \$3,000 may be reduced to \$1,000 upon the condition that the unregistered person pays for a licensed plumber who is acceptable to the other party to the original contract or agreement to correct the violations of the Illinois Plumbing Code) and may be referred to the State's Attorney or the Attorney General for prosecution under Section 29 of this Act.

(2) For a second offense:

(A) Where no violations of the Illinois Plumbing

Code are found, the person shall pay a civil penalty of \$3,000 and may be referred to the State's Attorney or the Attorney General for prosecution under Section 29 of this Act.

(B) Where violations of the Illinois Plumbing

Code are found, the person shall pay a civil penalty of \$5,000 (the amount of \$5,000 may be

reduced to \$3,000 upon the condition that the unregistered person pays for a licensed plumber who is acceptable to the other party to the original contract or agreement to correct the violations of the Illinois Plumbing Code) and may be referred to the State's Attorney or the Attorney General for prosecution under Section 29 of this Act.

(3) For a third or subsequent offense, the person shall pay a civil penalty of \$5,000 and be referred to the State's Attorney or the Attorney General for prosecution under Section 29 of this Act.

(e) A registered irrigation contractor, firm, corporation, partnership, or association that directs, authorizes, or allows a person to practice, offer to practice, attempt to practice, or hold himself or herself out to practice as an irrigation employee without being registered under the provisions of this Act, shall be subject to the following:

(1) For a first offense, the registrant:

(A) shall pay a civil penalty of \$5,000;

(B) shall be required to pay for a licensed plumber who is acceptable to the other party to the original contract or agreement to correct any violations of the Illinois Plumbing Code;

(C) shall have his, her, or its plumbing license suspended; and

(D) may be referred to the State's Attorney or the Attorney General for prosecution under Section 29 of this Act.

(2) For a second offense, the registrant:

(A) shall pay a civil penalty of \$5,000;

(B) shall be required to pay for a licensed plumber who is acceptable to the other party to the original contract or agreement to correct any violations of the Illinois Plumbing Code;

(C) shall have his, her, or its registration revoked; and

(D) shall be referred to the State's Attorney or the Attorney General for prosecution under Section 29 of this Act.

(Source: P.A. 94-101, eff. 1-1-08.)

ILLINOIS PLUMBING LICENSE LAW (225 ILCS 320/37) (from Ch. 111, par. 1135):

Sec. 37. Each governmental unit which is authorized to adopt and has adopted any ordinance or resolution regulating plumbing may provide for its administration and enforcement by requiring permits for any plumbing system installation, the inspection of plumbing system installations by inspectors who are licensed as plumbers in accordance with the Illinois Plumbing License Law, and the issue of certificates of approval or compliance which shall be evidence that a plumbing system has been installed in compliance with the Code of standards so adopted.

A letter of intent shall be included with all plumbing permit applications. The letter shall be written on the licensed plumber of record's business stationery and shall include the license holder's signature and, if the license holder is incorporated, the license holder's corporate seal. If the license holder is not incorporated, the letter must be notarized.

A governmental unit authorized to adopt regulations may, by ordinance or resolution, prescribe reasonable fees for the issue of permits for installation work, the issue of certificates of compliance or approval, and for the inspection of plumbing installations.

(Source: P.A. 94-132, eff. 7-7-05.)

ILLINOIS PLUMBING CODE: SUBPART M: INSPECTIONS, TESTS, MAINTENANCE AND ADMINISTRATION SECTION 890.1910 INSPECTIONS:

A plumbing system or any part thereof shall not be enclosed, covered up or used until the system has been inspected and approved by a plumbing inspector. It is the responsibility of the licensed plumber or plumbing contractor on the job to arrange for inspection by the Department or a local plumbing inspector. The plumbing inspector may require tests as listed in Section 890.1930 to determine whether or not the system as installed is in compliance with this Part. Plumbing found not to be in compliance with this Part shall not be approved. A plumbing system not complying with the provisions of this Part shall not be used until such time as it is brought into compliance with this Part. After the plumbing corrections have been made, the plumbing contractor shall arrange for re-inspection.

INCLUDED CONSTRUCTION COSTS

All costs associated with any work (material, equipment and/or labor) that are not listed as a line item but are germane to the completion of this project or any part thereof that is consistent with current and applicable standards shall be included in the bid prices.

DESCRIPTION OF IMPROVEMENT

This project is to construct storm sewers to improve the drainage in the backyards of the homes located between #19 and #49 Ridge Lane and to pave the adjacent alley thereafter.

The existing unpaved alley (E. State Street to the south end of the alley) shall be regraded by removing between one (1") inch and four (4") inches of the existing aggregate base and setting the inverted crown specified in the plans and constructing a 12 inch storm sewer. Each backyard shall be provided a point for future connection with a six (6") inch drain pipe with a plugged end. This proposed storm sewers, shall be connected into the existing E-W eighteen (18") inch storm sewer. The Contractor will be allowed to reuse all the aggregate removed during the regrading of the alley as trench backfill and fine grading of the base before paving. The Contractor shall be responsible to set the rim and invert elevations of the proposed storm sewer relative to the benchmark shown in the plans.

The alley shall be paved with 4 inches of HMA as specified in the plans, and the green areas shall be restored with topsoil, Class 1 Lawn Mix grass seeds, fertilizer and mulch.

CONSTRUCTION SCHEDULE

The Contractor shall submit a construction schedule at the preconstruction meeting in substantial conformance with the projected milestone dates listed below but no later than within 48 hours after the pre-construction meeting. No on site work (including the staging of any equipment or materials on the site) shall be allowed before the Notice to Proceed is issued.

<u>Item</u>	<u>Date</u>	<u>Comment</u>
Bid Opening	June 29, 2020	10:00AM at 22 S. First Street
City Council Award	July 20, 2020	
Notice of Award	July 22, 2020	
Preconstruction Meeting	August 6, 2020	1:00 PM at 1800 South Street
Notice to proceed	August 7, 2020	Tentative
Substantial 95% Completion	September 11, 2020	Restoration & Punch List Remaining
100% Completion	September 18, 2020	All Punch List Items Completed

A revised general work schedule shall be submitted if the work falls behind by a week or progresses faster than anticipated by same. The contractor will be required to turn in weekly reports on Fridays by 11 AM. These reports shall list what was completed during the past week and what is scheduled to be completed in the upcoming week.

Inclément weather typical for this area, shall not be an acceptable reason for an extension of the contract time.

GENERAL

The City of Geneva has limited funds available to complete this project. Therefore, Contractors are hereby notified that the City of Geneva reserves the right to wave technicalities, delete part(s) of this contract or reject all bids. The aforementioned deletions shall not alter the contract unit prices. The Contractor shall be compensated at the contract unit price for any allowable quantity increase. If there is a change to a line item that is determined by the Engineer to cause the Contractor to not be able to complete the project within the specified timeframe, additional time will be allowed. However, this additional time will only be allowed to complete the additional work, unless the additional work becomes or is a controlling item.

At the pre-construction meeting the Contractor shall provide a list of the intended suppliers and subcontractors for this project. THE CITY OF GENEVA SHALL APPROVE ALL SUBCONTRACTORS ON THE PROJECT. THE CITY OF GENEVA RESERVES THE RIGHT TO REJECT THE USE OF ANY SUBCONTRACTOR DUE TO PAST PERFORMANCE OR DUE TO HIS/HER INABILITY TO PERFORM IN THE PAST AS REQUIRED. No additional compensation shall be allowed if a Subcontractor is rejected.

Should the Contractor fail to meet the completion deadlines listed above or as they have been revised and agreed to, the Contractor shall be liable to the City of Geneva, and liquidated damages will be assessed according to Section 108.09 of the Standard Specifications for each calendar day of overrun. Substantial completion for the purpose of this contract is defined as completion up to the point that the value of the remaining work does not exceed 5% of the contract, plus the completion of the punch list items.

Starting from the date of final payment, the Contractor shall provide the City with a one-year maintenance warranty for all work done under this contract. The Contractor shall secure a maintenance bond for 10% of the awarded contract amount. The cost of this bond shall be included; no additional compensation will be allowed. If any corrective work is needed within this one (1) year warranty period, no compensation will be allowed to complete this work.

If there is any discrepancy with the total bid amount, the unit price(s) submitted and related quantities will be used to recalculate the total bid amount.

Typically, all onsite construction activities shall be conducted between the hours of 7:00 a.m. and 5:00 p.m. Monday to Friday. However, City Ordinance does allow for longer workdays and working on Saturdays however, the Contractor shall not schedule any work on Saturdays, Sundays and holidays observed in the State of Illinois. During extremely high temperatures the City may allow earlier starts. Any work allowed outside of the above time period above shall be done only by written permission granted by the Engineer. **Any day on which work is not allowed, construction equipment shall NOT be started, cleaned, serviced, removed from or dropped off within the construction limits, the staging area, or on any other street in the City of Geneva.**

At the preconstruction conference the Contractor shall designate an employee to be project superintendent and a contact person who should be contacted in cases of emergency twenty-four (24) hour per day. If the superintendent and the emergency contact are the same person, the Engineer will be supplied with two telephone numbers by which this person can be reached. If the project superintendent is not the 24-hour contact-person he/she shall also supply the Engineer with a twenty-four (24) hour phone number. THE CITY OF GENEVA RESERVES THE RIGHT TO REJECT ANY PROJECT SUPERINTENDENT, FOREMAN, OR CONTACT PERSON DUE TO PAST PERFORMANCE, CONFLICTS, OR THE INABILITY TO PERFORM THE WORK REQUIRED.

The Engineer shall be provided 72 hours notice for all work items requiring layout and a 24 hours notice for inspections. The Engineer will field measure and mark all pay items slated for removal and replacement prior to their removal and shall be called by the Contractor for inspection and approval before replacement. No compensation will be allowed for any completed work which was not marked for removal, field measured and inspected before completion or approved and accepted by the Engineer.

The Contractor shall monitor the material for quantities being placed to assure there is no unreasonable shortage or excess. The Contractor shall be paid ONLY for the allowable quantity of items measured in place, paid for at the unit prices specified in the contract for each item. If the Contractor delivers and places additional materials or quantities on site, no compensation will be allowed for any cost associated with the excess. If the Contractor does not deliver and place the necessary amount of material as required by the contract for a particular item, the unit price for that item shall be discounted by the allowable percentage listed in the Standard Specifications unless otherwise agreed to or designated otherwise in the contract documents.

Wherever granular material is specified for this project it is understood that recycled material for that application and gradation specified in the Standard Specifications shall be acceptable. This material will need to be accepted by the Engineer before it can be used on this project and it shall be supplied by an IDOT approved source or some other source accepted by the Engineer.

CONSTRUCTION LIMITS

The Contractor shall confine his operations to the construction limits. All damages caused by the Contractor or his Subcontractors outside of the Construction Limits or unnecessary damage within the Construction Limits shall be restored at the Contractor's expense; no additional compensation will be allowed.

SAFETY AND PROTECTION

The Contractor shall be solely responsible for initiating, maintaining and supervising all safety precautions and programs in connection with his work. The Contractor shall take all necessary precautions for the safety of, and shall provide the necessary protection to prevent damage, injury or loss to:

1. All employees on the work site and other persons and organizations who could be affected thereby;
2. All work, materials and equipment to be incorporated therein, whether in storage on or off site;
3. Other property at the site or adjacent thereto, including trees, shrubs, lawns, walks, pavements, roadways, structures, utilities, and underground facilities not designated for removal, relocation, or replacement in the course of this construction project.

The Contractor's duties and responsibilities for the safety and protection of the work shall be as designated in the Standard Specifications. In addition, the Contractor shall comply with all applicable laws and regulations of any public body having jurisdiction for the safety of persons and/or property to protect them from damage, injury or loss; and shall erect and maintain all necessary safeguards for such safety and protection. The Contractor shall notify owners of adjacent property and of underground facilities and of utility owners when any work activity may affect them, and shall cooperate with them in the protection, removal, relocation, or replacement of their property. All damage, injury, or loss to any property caused, directly or indirectly, in whole or in part, by the Contractor, Subcontractor, supplier or any other person or organization directly or indirectly employed the Contractor or the Subcontractor to perform or furnish any of the work, material, supplies or anyone for whose acts any of them may be liable, shall be remedied by the Contractor.

The Contractor shall designate a responsible representative at the site whose duty shall be the prevention of accidents. This person could be the Contractor's superintendent.

RESTORATION LIMITS

Prior to placing the topsoil, it shall be the responsibility of the Contractor to remove all deleterious material, construction debris and garbage from the site and from the topsoil. After the topsoil is placed, the seed, fertilizer and mulch shall be placed in a timeframe that will not allow weed germination. It will be the Contractor's responsibility to maintain the restored areas weed-free until the grass seeds and mulch are placed. It shall be the responsibility of the Contractor to maintain the restored areas free of weeds until the project is accepted by the City.

INTERPRETATION OF BID DOCUMENTS

Bidders' questions on the intent or meaning of the bid documents shall be in writing submitted to the Engineer. If possible, the Engineer will respond in writing to the questions in the form of an addendum which will be posted on the City's website. Bid holders are advised to check for addendums with the City of Geneva, Public Works Department at 630-232-1501 which is located at 1800 South Street, Geneva, Illinois and the City's website at 24 hours before the bids are submitted. Only questions answered as a transmittal or in writing will be binding. Oral and other interpretations or clarifications will be without legal effect. Bidders' questions on the intent or meaning of any part(s) of the bid document received less than 10 days prior to the bid opening date will not be entertained.

EXECUTION OF THE CONTRACT

The contractor that is awarded the contract shall execute a contract and submit contract bonds for the same amount within fifteen (15) calendar days after receiving the Notice of Award, he/she shall submit a certificate of insurance showing that their company meets the required minimum coverage listed in Article 107.27 of the Standard Specifications. No work shall start before a Notice to Proceed is issued. There

shall also no be any mobilization and/or no onsite deliveries shall be taken until the required insurance has been submitted and accepted by the City. This insurance policy shall be maintained during the life of the contract until final acceptance of the project by the City. Failure on the part of the successful bidder to provide a certificate of insurance within the time stipulated could void the award with resultant forfeiture of the Bid Bond.

The Certificate of Insurance shall name the City of Geneva as an additional insured. In addition, the certificate of insurance will state: "This coverage and limits conforms to at least the minimum amounts required by Article 107.27 of the Standard Specifications." All costs associated with meeting these requirements shall be included in the price of the Contract.

DEFINITIONS

"City" "State" or "Owner" is the City of Geneva, its agents and/or its representatives.

"Engineer" is the City of Geneva's City Engineer his agents and/or his representatives.

All other definitions stated in Section 101 of the Standard Specifications shall apply to this Contract.

BIDDER QUALIFICATIONS

Only qualified Bidders will be eligible as the Contractor. The Contractor shall in no case subcontract to any other company(s) and/or firm(s) for which the combined amount is more than fifty percent of his bid.

APPLICATION FOR PAYMENT

Application for Payment to the Contractor shall be done in accordance with the applicable Articles of Section 109 of the Standard Specifications and with these Special Provisions. Written application for payment for the work completed shall be submitted to the Engineer not more than once monthly and preferably on or before the first Monday of the month.

Beginning with the second application for payment, the Contractor shall submit partial waivers of lien from all Subcontractors, and suppliers for all materials in the amount of the sum total of the first payment. Each subsequent pay request shall include a partial waiver of lien for the combined total of the previous pay requests. When the request for final payment is submitted, final waivers of lien shall be supplied by the Contractor for himself / herself, each Subcontractor, and all suppliers of materials or services under this contract. The Contractor shall also furnish an affidavit stating that all waivers submitted are the total amount of waivers required to be submitted. Applications for payment will NOT be processed unless the required waivers of lien are supplied. Failure of the Contractor to submit correct waivers of lien at the required time may cause a delay of payment.

If the Contractor does not complete the work as specified, or does not pay for damages to private property or outstanding fines levied, the City reserves the right to discount, withhold a part of or the whole final payment or use the contract bond to complete the work.

In the event that the Contractor for failure to conform to the requirements of these Special Provisions and/or any other mandates by this or other governmental agencies, the City reserves the right to deduct such fines from the payout amount due the Contractor.

MATERIAL CERTIFICATION

The Contractor will supply the Engineer with a copy of all material inspections, material certifications and/or test results before any material is used on the job.

CONSTRUCTION SCHEDULE

At the preconstruction conference, the Contractor shall present, in writing, a detailed construction schedule. Starting and completion dates for the construction operations, location of off-site disposal areas, access routes to be used, and locating of equipment and material storage sites will also be discussed then. Once approved, the Contractor shall adhere to the work schedule as close as possible so

that layouts and construction limits can be marked in a timely manner. If the schedule changes by more than one week, the Contractor shall submit a revised work schedule.

If a starting date was not set at the preconstruction meeting, the Contractor shall be required to notify the Engineer at least 72 hours prior to mobilizing to start working on this project.

If a road or any part of a road needs to be closed to vehicular traffic for non-emergency work the Engineer and emergency services must be notified no less than 48 hours in advance. An earnest effort shall be made to reopen the roadway to vehicular traffic as soon as possible. The Contractor, as part of the TRAFFIC CONTROL AND PROTECTION (TCP) item, shall furnish, erect, remove, and maintain all construction signs, barricades and other traffic control devices. TCP includes certified Flaggers to control the flow of traffic when needed. All flaggers in non-emergency situations shall be certified. If the Contractor decides to utilize Flaggers in emergency situations who are not certified, they shall be replaced by certified Flaggers as soon as possible. The safety of the general public is paramount. All means necessary to ensure their safety and the safety of the workers shall be employed.

Disturbed areas in the RIGHT-OF-WAY that are deemed unsafe shall not be left unprotected overnight. No holes are to be left open in the RIGHT-OF-WAY over a holiday or weekend, commencing at 3:00 p.m., on the day preceding a holiday or a weekend. See Article 107.09.

The Engineer shall provide a written punch list to the Contractor when the project is 95% complete or 7 calendar days prior to the scheduled completion date. Upon receipt of the punch list, the Contractor will have a minimum of 7 calendar days to complete the punch list items to the Engineer's satisfaction. Failure to complete the punch list and/or the contract within the stipulated time will result in liquidated damages being charged in the amount per calendar day as specified in Article 108.09 of the Standard Specifications. If additional time is needed to complete the work, the Contractor shall submit in writing to the engineer a formal request for a contract extension. A detailed explanation showing why additional time is needed to complete the work shall be submitted. A new work schedule showing how the work will be completed within the additional time requested shall be submitted to the City. A new completion date will be allowed if a contract extension is granted. This request will not be honored if in the Engineer's opinion the Contractor did not make an earnest effort to complete the project and chose not to work on workable days. Normal weather conditions for this area will not be an acceptable reason to grant a contract extension.

WORK SUSPENSION

The Engineer reserves the right to stop the Contractor from further removal if at any time it is determined that the Contractor is not restoring the roadway in a timely manner such that the roadway is left without any pavement for longer than the required time. See Article 108.07 of the Standard Specification for other reasons for work stoppage by the Engineer.

MAINTENANCE & CLEANING OF ROADWAY DURING CONSTRUCTION

Beginning on the date the Contractor delivers equipment on site to start working on this project; he shall assume responsibility for the normal maintenance of the existing RIGHT-OF-WAY within the allowed limits of the construction activity. The limits include the staging area and/or any adjacent streets used to park, load, or unload construction equipment. This normal maintenance shall also include repair work deemed necessary by the Engineer because of any damage caused by the Contractor's activities or the movement of his equipment, but shall not include snow removal. All roadways used by the Contractor for access ways shall also be maintained clean.

When necessary the Contractor shall sweep and clean the roadway and maintain it to the satisfaction of the Engineer during the construction process. Surplus material may be stock piled or stored at the designated staging area or at a site allowed by the Engineer. If the streets are not kept free of construction debris, the Engineer may direct the Contractor to stop all other work and instead clean the site. **The Contractor shall make a final passing on each street with a sweeper after all construction activities are complete.**

Any and all cost or charges to the Contractor associated with proper maintenance and cleaning of the roadway before the City accepts the project as complete shall be incidental; no additional compensation

will be allowed. Any costs incurred by the City to maintain the roadway free of construction debris shall be passed on to the Contractor and deducted from the final payment. Staging areas shall be maintained in an orderly manner and safe manner during construction and it shall be cleaned before the final payment is released.

RESTRICTED STREET USE

Before the Contractor begins work, the City shall discuss access to each street listed in the contract. The Contractor will only be allowed on the agreed streets with construction trucks and equipment. The Contractor shall also be required to obtain overweight permits from the City and all other agencies for all vehicles and/or construction equipment. **The City of Geneva will not charge for city-issued permits that are associated with this contract;** however, failure to comply with the above may result in a citation issued by the Geneva Police to the drivers and operators of these vehicles.

FLOW OF TRAFFIC

The City understands that the flow of traffic may be slowed because of the work in progress; however, other than intermittently; the flow of traffic will not stop and the streets will not be closed unless approved otherwise by the Engineer.

CLEAN CONSTRUCTION AND DEMOLITION DEBRIS

The City has complete Geotechnical work at random locations within the construction limits the results are available at the Department of Public Works located at 1800 South Street, Geneva Illinois 60134-2547.

USE OF CITY WATER

The Contractor will be permitted use of City water for this project at no charge from hydrants designated by the Engineer or from hydrants at the Public Work Facility. When water use is allowed from designated hydrants, the water shall be metered. The Contractor can obtain a hydrant meter from the City of Geneva's Public Works Department. Use of a water hose larger than two (2") inches shall ONLY be connected onto hydrants at the public works facility at 1800 South Street. This water can then be trucked to the location where it will be used. The Contractor may be allowed up to a two (2") inch water hose on most hydrants in town. The following deposit is required for all meters obtained through the City: \$1,000.00 for a two (2") inch or larger water meter and \$200.00 for meters smaller than two (2") inch. After the project is completed, the Contractor will return the meter to the Engineer, and his deposit will be returned. All costs associated with this section shall be included in the total cost of the contract. No additional compensation shall be allowed.

MAILBOXES AND STREET SIGNS

The Contractor may remove mailboxes, street signs, and any other directional or regulatory signs in the RIGHT-OF-WAY within the construction limits that interfere with construction operations however, the contractor shall immediately relocate all mailboxes and signs at temporary locations approved by the Engineer and in accordance with applicable requirements in Section 107.20 of the Standard Specifications. The signs shall be secured such that they will not fall over and endanger the public.

As soon as construction operations permit, the Contractor shall reset the mailboxes and street signs at their permanent locations. All mailboxes shall be placed at a height of 36 inches to 42 inches measured from the bottom of the mailbox to the top of the curb or to the surface of the roadway if there is no curb. The face of the mailbox shall be placed 9 inches to 12 inches behind the curb measured horizontally from the back of the curb or the edge of pavement if there is no curb. The Contractor shall replace at his own expense any mailbox, mailbox post, or signs that has been damaged by the Contractor's operation. The street signs shall be placed according to the MUTCD or as approved by the Engineer.

PROTECTION OF PUBLIC & PRIVATE PROPERTY

The Contractor shall exercise reasonable care to protect all existing features in the public RIGHT-OF-WAY that will remain in place including landscaping, fences, sprinkler systems, drain lines, power lines, and any other public or private property.

Any item damaged due to negligence on private property or in the RIGHT-OF-WAY shall be repaired or replaced in kind by the Contractor as directed by the Engineer at no additional cost to the owner or resident.

PROTECTION OF EXISTING DRAINAGE FACILITIES DURING CONSTRUCTION

The existing drainage facilities shall remain functional during the period of construction. Prior to commencing work, the Contractor, at his own expense, shall determine the exact location of existing structures, which are within the proposed construction limits. All drainage structures are to be maintained free of all debris or deleterious materials during the Contractor's operations. Any material that can slow down or inhibit flow shall be removed immediately. The contractor will not be compensated for the removal of construction materials from drainage structures.

The Contractor shall take the necessary precautions when working near or above existing sewers to protect them from any damage resulting from his operations. All work and material necessary to repair any sewer damage due to non-compliance with this provision shall be repaired or replaced, as directed by the Engineer, and in accordance with Section 550 of the Standard Specifications and the current edition of the Standard Specifications for Water and Sewer Main. This work shall be done at the Contractor's expense—no compensation will be allowed. All repairs of sewer lines shall be done with None-Shear Couplings.

During construction, if the Contractor encounters or otherwise become aware of any utility within the RIGHT-OF-WAY he shall inform the Engineer, who shall determine the extent of precaution necessary. It shall be the Contractor's responsibility to direct the work and protect all utilities from damage.

EXISTING UTILITIES

The Contractor shall conform to the requirements of Section 105 of the Standard Specifications. Prior to commencing work, the Contractor or the Subcontractor planning to dig on the jobsite shall contact **JULIE at 1-800-892-0123** and arrange for location of the utilities within the construction limits.

The Contractor shall support and protect all utility lines and their appurtenance as needed during construction. Typically, the Contractor will not be allowed any additional compensation for the costs associated with supporting and protecting a utility.

The Contractor shall deliver to the City Public Works Facility any frames, grates, lids or hydrants that were removed that can be salvaged. All other items removed shall be disposed of by the Contractor. No additional compensation shall be allowed for the disposal or delivery to Public Works of these items.

HMA BINDER COURSE, IL-19.0, N50 **HMA SURFACE COURSE, MIX-D, IL-9.5, N50**

WORK DESCRIPTION:

The work consists of supplying and constructing IDOT approved mixes of HMA Binder and HMA Surface courses on a prepared aggregate base. The existing aggregate base typically shall be milled down four (4") inches. The work shall be done according to Section 406 of the Standard Specifications in so far as it applies. The HMA shall be placed when the temperature in the shade is at least 45° F and rising. The material shall be delivered to the site at a temperature range of 250° F to 350° F. The pavement shall be constructed such that it meets the specifications of Article 406.11 in so far as it applies. The HMA Binder Course shall be placed two and one-half (2.5") inches thick, no more than 48 hours after the base has been prepared.

After the Binder Course has been placed it shall be primed before a one and one-half (1.5") inch Surface Course is placed. The finish pavement shall have a reverse crown to allow the alley to drain positively down the centerline. The centerline shall be one (1") inch below the edge of pavement.

METHOD OF MEASUREMENT:

This item will be measured for payment according to Article 406.13 per ton except as modified here in.

BASIS OF PAYMENT:

The item will be paid for per ton of HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 and HOT-MIX ASPHALT SURFACE COURSE, MIX D, IL-9.5 mm, N50, which price shall include all labor, equipment, materials, and incidentals necessary to complete the work as described above.

STORM SEWER CLASS B, TYPE II, 6 INCH

STORM SEWER CLASS B, TYPE II, 12 INCH

STORM SEWER CLASS B, TYPE II, 18 INCH

WORK DESCRIPTION:

Storm Sewers of the Class, Type and size listed above shall be constructed according to Standard Specifications for Water and Sewer Main Construction in Illinois, and the applicable portions of Section 550 of Standard Specifications and the attached plans. Non-Shear couplings shall be used to connect the spigot ends of sewers.

The west end of each of the 6 inch lateral lines shall be capped or plugged with a mechanical plug and the Contractor shall place a 2X4 to mark the end of each lateral line.

METHOD OF MEASUREMENT

This work shall be measured for payment per foot.

BASIS OF PAYMENT

This work will be paid at the contract unit price per foot for STORM SEWER CLASS B, TYPE II, 6 INCH; STORM SEWER CLASS B, TYPE II, 12 INCH; STORM SEWER CLASS B, TYPE II, 18 INCH, which price shall include all labor, equipment, materials, and incidentals necessary to complete the work to current standards and in a workmanlike manner.

TRENCH BACKFILL

WORK DESCRIPTION

This work shall consist of furnishing, placing, and compacting aggregate for backfilling all trenches to the acceptable minimum widths. Within the zone of influence of the roadway the backfill material shall be granular and approved by the Engineer. This work shall be done in accordance with Section 208 of the Standard Specifications and the applicable Sections of the Standard Specifications for water and Sewer Main Construction in Illinois. Recycled material, with a gradation acceptable to the Engineer that is generated at an IDOT approved source, shall be allowed as trench backfill. Granular material removed from the site can be reused as trench backfill or as fine grading for the alley. It shall be deposited in uniform layers not exceeding twelve (12") inches thick and each layer shall be compacted by mechanical means to a minimum Standard Proctor of 90%. Jetting will not be allowed.

METHOD OF MEASUREMENT

This work shall be measured for payment from the spring line (Haunch) of the pipe in accordance with Section 208.03(b) of the Standard Specifications and the applicable Sections of the Standard Specifications for Water and Sewer Main Construction in Illinois.

BASIS OF PAYMENT

This work shall be paid at the contract unit price per cubic yard for TRENCH BACKFILL, which price shall include all labor, materials, incidentals and equipment necessary to complete the work to current standards and in a workmanlike manner.

MANHOLE, TYPE A, 48", BEEHIVE GRATE

MANHOLES, TYPE A, 48", TYPE 1 FRAME AND LID

INLETS, TYPE A, TYPE 1 FRAME AND LID

INLETS, TYPE B, TYPE 1 FRAME AND LID

WORK DESCRIPTION:

This work consists of the providing and placing of storm structures of the sizes and types listed above. When the storm sewer pipes are connected to the drainage structure, the voids around each pipe that enters the drainage structure shall be filled in with brick and mortared. Furthermore, each joint between the bricks used to fill the voids shall be mortared. The annulus on both faces of each point of connection of each drainage structures shall be grouted and get a broom finish. A Class-B TYPE-II pipe of equal diameter shall be used to connect to the existing pipe. A high capacity Type-1 frame shall be used. When couplings are needed, non-shear coupling shall be provided. The Contractor shall be compensated separately for the storm pipe used.

METHOD OF MEASUREMENT:

This work shall be measured per each structure of size and type listed above.

BASIS OF PAYMENT:

These items shall be paid for at the contract unit price per each, MANHOLE, TYPE A, 48", BEEHIVE GRATE; MANHOLES; TYPE A, 48", TYPE 1 FRAME AND LID; INLETS; TYPE B, TYPE 1 FRAME AND LID; INLETS, TYPE A, TYPE 1 FRAME AND LID; which price shall include all labor, equipment, material, and incidentals necessary to complete the work to current standards and in a workmanlike manner.

PREPARATION OF BASE

WORK DESCRIPTION:

The work shall be done in accordance with Section 358 of the Standard Specifications in so far as is specified here in. This item will be used within the entire construction limits of this project. The existing riding surface of the alley is aggregate. Typically, the alleyway shall be regraded to a depth of approximately 4 inches. The Contractor may choose to do this regrading by blading or milling. The specified crown shall be set and the base shall be compacted before paving. Removal of approximately 150 square yards of HMA that abuts E. State Street is included in this pay item.

Aggregate removed during the regrading of the alley may be reused on this project as trench backfill and/or for fine grading of the alley. If the Contractor chooses not to reuse the removed aggregate the Contractor shall include the cost of the aggregate for fine grading of the alley.

METHOD OF MEASUREMENT:

This work shall be measured for payment in square yards.

BASIS OF PAYMENT:

This work shall be paid for at the contract unit price per square yard for PREPARATION OF BASE, which price shall include all labor, material, incidentals and equipment necessary to complete the work as described above.

PARKWAY RESTORATION

WORK DESCRIPTION:

This work consists of the furnishing and placing of topsoil, seed, fertilizer, and hydraulic mulch as directed. The topsoil shall be pulverized and placed to a **compacted** minimum depth of four (4") inches. The topsoil will be placed in a manner such that after compaction and settling the final grade of the soil will be at the same elevation as the edge of pavement or back of curb which ever applies. To minimize the amount of material removed, excavated material removed from the site can be reused to fill all voids. Reused material shall be capped with pulverized topsoil. All disturbed grassed areas will be restored under this item.

The grassed areas shall be restored by planting Class 1, Lawn Mixture grass seeds. Full payment for this item will be made when the grass has germinated and is at least two (2) inches in height, covering no less than 75% of each planted area. Interseeding and fertilizing of the existing grassed areas will be allowed if in the Engineer's opinion the existing turf was not excessively disturbed or damaged. If the Contractor chooses to use Sod no additional compensation will be allowed.

The Contractor shall furnish, transport and place hydraulic mulch over the seeded areas within 24 hours after seeding. The seeded area shall be given a covering of mulch using Method-3 per Section 251; see Article 251.03(c).

Method-3 shall not be used on slopes greater than 1:3(V:H). This method consists of machine application of wood or paper fiber hydraulic mulch at the specified rate using an approved hydraulic seeder. The hydraulic mulch shall be applied as slurry of 2,000 pounds of mulch and not less than 2,000 gallons of water per acre. The hydraulic mulch slurry shall be agitated a minimum of 5 minutes before application. The seeds shall not be applied concurrently with this method. Following the mulching operation there shall be no foot or vehicular traffic over the mulched area. If Contractor's equipment or personnel displaces mulch, it shall be raked, reseeded and new mulch applied at Contractor's expense.

METHOD OF MEASUREMENT:

This item shall be measured for payment per square yard.

BASIS OF PAYMENT:

This work shall be paid for at the contract unit price per square yard for PARKWAY RESTORATION, which price shall be full compensation for all labor, equipment, material and incidentals needed to complete the work as specified.

TRAFFIC CONTROL AND PROTECTION

WORK DESCRIPTION

Under this item, all traffic control shall be provided as needed for this project and locations listed in the Special Provisions.

The Contractor shall use the most current Highway Standards to furnish personnel and devices as needed to work along an Illinois State Route.

METHOD OF MEASUREMENT

Traffic Control and Protection shall be measured for payment as Lump Sum.

BASIS OF PAYMENT

Traffic Control and Protection shall be paid for at the contract lump sum price for TRAFFIC CONTROL AND PROTECTION, which price shall include all labor, equipment, equipment maintenance, materials, transportation, removal as needed and incidentals necessary to complete the work to the Standard Specifications.

PROPOSAL

The following proposal is hereby made to the **City of Geneva, Illinois**, hereinafter called the Owner.

Proposal is submitted in duplicate by _____

The undersigned hereby proposes and agrees to furnish all the necessary labor, materials, equipment, tools and services necessary to perform 2020 RIDGE LANE DRAINAGE IMPROVEMENTS in accordance with the Specifications and procedural documents attached.

In submitting this proposal, the undersigned declares that the only persons or parties interested in the Proposal as principals are those named herein and that the Proposal is made without collusion with any other person, firm, or corporation.

The Undersigned acknowledges receipt of the following Addenda.

<u>Addendum No.</u>	<u>Date</u>	<u>Initials</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____

The Undersigned declares that he has examined the Contract Documents and is familiar with the local conditions at the site where the work is to be performed and with the conditions affecting the Contract and the requirements of the construction and understands that in making this Proposal he waives all right to plead any misunderstanding regarding the same.

The undersigned further agrees to begin work not later than 10 days after the issuance date of the Notice to Proceed unless otherwise provided and to prosecute the work in such a manner and with sufficient materials, equipment, and labor as will insure its completion by the completion date, it being understood and agreed that the completion within the time limit is an essential part of the Contract.

The undersigned hereby proposes and agrees to furnish all necessary labor, materials, equipment, tools and services necessary to perform 2020 RIDGE LANE DRAINAGE IMPROVEMENTS in accordance with the attached Specifications and Documents.

RETURN WITH BIDS
CITY OF GENEVA, ILLINOIS

SIGNATURES

(If an Individual)

Signature of Bidder _____

Business Address _____

(If a partnership)

Firm Name _____

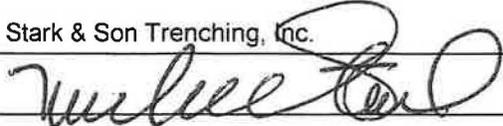
Signed By _____

Business Address _____

Insert Names and Addresses of All Partners _____

(If a corporation)

Corporate Name Stark & Son Trenching, Inc.

Signed By President 

Business Address 45W826 Rohrsen Road, Hampshire, IL 60140

Insert Names of Officers:

President Michael Stark

Secretary Patricia A. Stark

Treasurer Patricia A. Stark

Attest By Secretary: 

SCHEDULE OF PRICES

2020 RIDGE LANE DRAINAGE IMPROVEMENTS

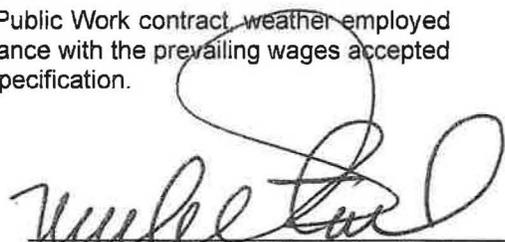
ITEM	DISCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1	HOT-MIX ASPHALT BINDER CSE, IL-19.0, N50	204.00	TON	109.00	22,236.00
2	HOT-MIX ASPHALT SURFACE CSE, MIX D, IL-9.5, N50	123.00	TON	110.00	13,530.00
3	STORM SEWER, CLASS B, TY 2, 6 INCH	142.00	FOOT	42.00	5,964.00
4	STORM SEWER, CLASS B, TY 2, 12 INCH	591.00	FOOT	101.00	59,691.00
5	STORM SEWER, CLASS B, TY 2, 18 INCH	15.00	FOOT	88.00	1,320.00
6	PREPARATION OF BASE	1,455.00	SQ YD	4.37	6,358.35
7	TRENCH BACKFIL	422.00	CU YD	30.00	12,260.00
8	SEWER PIPE REMOVAL AND DISPOSAL	20.00	FOOT	15.00	300.00
9	REMOVING INLETS	2.00	EACH	300.00	600.00
10	MANHOLE, TYPE A, 48", BEEHIVE GRATE	1.00	EACH	1,250.00	1,250.00
11	MANHOLE, TYPE A, 48", TYPE 1 FRAME & LID	1.00	EACH	1,610.00	1,610.00
12	INLETS, TYPE A, TYPE 1 FRAME AND LID	2.00	EACH	1,190.00	2,380.00
13	INLETS, TYPE B, TYPE 1 FRAME AND LID	6.00	EACH	1,190.00	7,140.00
14	PARKWAY RESTORATION	1,200.00	SQ YD	4.55	5,460.00
15	MOBILIZATION	1.00	L SUM	5,000.00	5,000.00
16	TRAFFIC CONTROL AND PROTECTION	1.00	L SUM	1,000.00	1,000.00
			TOTAL		\$146,099.35

CERTIFICATION FOR BID

The undersigned, as a duly-authorized representative of the Bidder do hereby certifies to The City of Geneva, Kane County, Illinois, that the Bidder is not barred from bidding upon the Bid Specifications for the Project known as

2020 RIDGE LANE DRAINAGE IMPROVEMENTS as a result of a violation of either Section 33E-3 or 33E-4 of Chapter 38, Illinois Revised Statutes, 1987 (As Amended).

All laborers, mechanics and any other workers employed in this Public Work contract, whether employed by the Contractor or any Sub-Contractors, shall be paid in accordance with the prevailing wages accepted and approved by The City of Geneva as attached to the Project Specification.


NAME Michael Stark, President

Stark & Son Trenching, Inc.
COMPANY

June 29, 2020
DATE

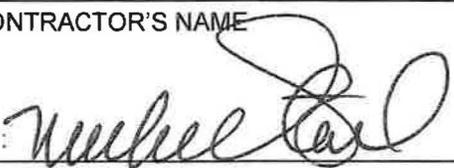
**CERTIFICATION OF COMPLIANCE WITH SECTION 11-42.1-1
OF THE ILLINOIS MUNICIPAL CODE**

The undersigned, upon first being duly sworn, hereby certifies to the City of Geneva, Kane County, Illinois, that

Stark & Son Trenching, Inc. (Contractor) is not currently delinquent in the payment of any tax administrated by or owed to the Illinois Department of Revenue, or otherwise in default upon any such tax as defined under Chapter 24, Section 11-42.1 Illinois Revised Statutes.

Stark & Son Trenching, Inc.

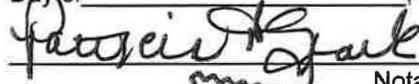
CONTRACTOR'S NAME

BY: 

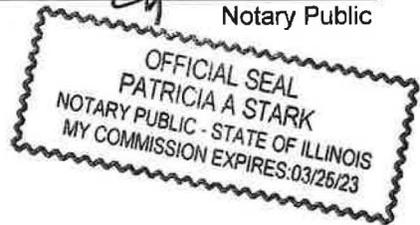
(TITLE) President

Subscribed and sworn before me this 29th

Day of June, 2020

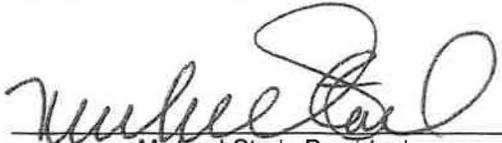


Notary Public



CERTIFICATION FOR DRUG FREE WORK PLACE

The undersigned, as a duly-authorized representative of the Contractor do hereby certifies to The City of Geneva, Kane County, Illinois, that the Contractor ensures that he/she will operate a work environment which is free of any and all illegal drugs in accordance with the Drug Free Workplace Act of January, 1992. In addition, any prescribed drugs that will impair an employee's judgment or ability to work safely should not be allowed on the work site or on any satellite location.


NAME Michael Stark, President

Stark & Son Trenching, Inc.

COMPANY

June 29, 2020

DATE

**ARTICLE VIII
REQUIRED CERTIFICATIONS**

8.1. Certifications. Grantee shall be responsible for compliance with the enumerated certifications to the extent that the certifications apply to Grantee.

(a) **Bribery**. Grantee certifies that it has not been convicted of bribery or attempting to bribe an officer or employee of the state of Illinois, nor made an admission of guilt of such conduct which is a matter of record (30 ILCS 500/50-5).

(b) **Bid Rigging**. Grantee certifies that it has not been barred from contracting with a unit of state or local government as a result of a violation of Paragraph 33E-3 or 33E-4 of the Criminal Code of 1961 (720 ILCS 5/33E-3 or 720 ILCS 5/33E-4, respectively).

(c) **Debt to State**. Grantee certifies that neither it, nor its affiliate(s), is/are barred from receiving an Award because Grantee, or its affiliate(s), is/are delinquent in the payment of any debt to the State, unless Grantee, or its affiliate(s), has/have entered into a deferred payment plan to pay off the debt, and Grantee acknowledges Grantor may declare the Agreement void if the certification is false (30 ILCS 500/50-11).

(d) **Educational Loan**. Grantee certifies that it is not barred from receiving State agreements as a result of default on an educational loan (5 ILCS 385/1 *et seq.*).

(e) **International Boycott**. Grantee certifies that neither it nor any substantially owned affiliated company is participating or shall participate in an international boycott in violation of the provision of the U.S. Export Administration Act of 1979 (50 USC Appendix 2401 *et seq.*) or the regulations of the U.S. Department of Commerce promulgated under that Act (15 CFR Parts 730 through 774).

(f) **Dues and Fees**. Grantee certifies that it is not prohibited from receiving an Award because it pays dues or fees on behalf of its employees or agents, or subsidizes or otherwise reimburses them for payment of their dues or fees to any club which unlawfully discriminates (775 ILCS 25/1 *et seq.*).

(g) **Pro-Children Act**. Grantee certifies that it is in compliance with the Pro-Children Act of 2001 in that it prohibits smoking in any portion of its facility used for the provision of health, day care, early childhood development services, education or library services to children under the age of eighteen (18), which services are supported by federal or state government assistance (except such portions of the facilities which are used for inpatient substance abuse treatment) (20 USC 7181-7184).

(h) **Drug-Free Work Place**. If Grantee is not an individual, Grantee certifies it will provide a drug free workplace pursuant to the Drug Free Workplace Act. 30 ILCS 580/3. If Grantee is an individual and this Agreement is valued at more than \$5,000, Grantee certifies it shall not engage in the unlawful manufacture, distribution, dispensation, possession, or use of a controlled substance during the performance of the Agreement. 30 ILCS 580/4. Grantee further certifies that it is in compliance with the government-wide requirements for a drug-free workplace as set forth in 41 USC 8102.

(i) **Motor Voter Law**. Grantee certifies that it is in full compliance with the terms and provisions of the National Voter Registration Act of 1993 (52 USC 20501 *et seq.*).

(j) **Clean Air Act and Clean Water Act**. Grantee certifies that it is in compliance with all applicable standards, order or regulations issued pursuant to the Clean Air Act (42 USC §7401 *et seq.*) and the Federal Water Pollution Control Act, as amended (33 USC 1251 *et seq.*).

(k) **Debarment**. Grantee certifies that it is not debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this Agreement by any federal department or agency 2 CFR 200.205(a), or by the State (See 30 ILCS 708/25(6)(G)).

(l) **Non-procurement Debarment and Suspension**. Grantee certifies that it is in compliance with Subpart C of 2 CFR Part 180 as supplemented by 2 CFR Part 376, Subpart C.

(m) **Grant for the Construction of Fixed Works.** Grantee certifies that all Programs for the construction of fixed works which are financed in whole or in part with funds provided by this Agreement shall be subject to the Prevailing Wage Act (820 ILCS 130/0.01 et seq.) unless the provisions of that Act exempt its application. In the construction of the Program, Grantee shall comply with the requirements of the Prevailing Wage Act including, but not limited to, inserting into all contracts for such construction a stipulation to the effect that not less than the prevailing rate of wages as applicable to the Program shall be paid to all laborers, workers, and mechanics performing work under the Award and requiring all bonds of contractors to include a provision as will guarantee the faithful performance of such prevailing wage clause as provided by contract.

(n) **Health Insurance Portability and Accountability Act.** Grantee certifies that it is in compliance with the Health Insurance Portability and Accountability Act of 1996 (HIPAA), Public Law No. 104-191, 45 CFR Parts 160, 162 and 164, and the Social Security Act, 42 USC 1320d-2 through 1320d-7, in that it may not use or disclose protected health information other than as permitted or required by law and agrees to use appropriate safeguards to prevent use or disclosure of the protected health information. Grantee shall maintain, for a minimum of six (6) years, all protected health information.

(o) **Criminal Convictions.** Grantee certifies that neither it nor any managerial agent of Grantee has been convicted of a felony under the Sarbanes-Oxley Act of 2002, nor a Class 3 or Class 2 felony under Illinois Securities Law of 1953, or that at least five (5) years have passed since the date of the conviction. Grantee further certifies that it is not barred from receiving an Award under 30 ILCS 500/50-10.5, and acknowledges that Grantor shall declare the Agreement void if this certification is false (30 ILCS 500/50-10.5).

(p) **Forced Labor Act.** Grantee certifies that it complies with the State Prohibition of Goods from Forced Labor Act, and certifies that no foreign-made equipment, materials, or supplies furnished to the State under this Agreement have been or will be produced in whole or in part by forced labor, convict labor, or indentured labor under penal sanction (30 ILCS 583).

(q) **Illinois Use Tax.** Grantee certifies in accordance with 30 ILCS 500/50-12 that it is not barred from receiving an Award under this Paragraph. Grantee acknowledges that this Agreement may be declared void if this certification is false.

(r) **Environmental Protection Act Violations.** Grantee certifies in accordance with 30 ILCS 500/50-14 that it is not barred from receiving an Award under this Paragraph. Grantee acknowledges that this Agreement may be declared void if this certification is false.

(s) **Goods from Child Labor Act.** Grantee certifies that no foreign-made equipment, materials, or supplies furnished to the State under this Agreement have been produced in whole or in part by the labor of any child under the age of twelve (12) (30 ILCS 584).

(t) **Federal Funding Accountability and Transparency Act of 2006.** Grantee certifies that it is in compliance with the terms and requirements of 31 USC 6101.

ARTICLE IX CRIMINAL DISCLOSURE

9.1. **Mandatory Criminal Disclosures.** Grantee shall continue to disclose to Grantor all violations of criminal law involving fraud, bribery or gratuity violations potentially affecting this Award. See 30 ILCS 708/40. Additionally, if Grantee receives over \$10 million in total Financial Assistance, funded by either State or federal funds, during the period of this Award, Grantee must maintain the currency of information reported to SAM regarding civil, criminal or administrative proceedings as required by 2 CFR 200.113 and Appendix XII of 2 CFR Part 200, and 30 ILCS 708/40.

ARTICLE X UNLAWFUL DISCRIMINATION

10.1. **Compliance with Nondiscrimination Laws.** Both Parties, their employees and subcontractors under subcontract made pursuant to this Agreement, remain compliant with all applicable provisions of state and federal laws and regulations pertaining to nondiscrimination, sexual harassment and equal employment opportunity including, but not limited to, the following laws and regulations and all subsequent amendments thereto:

- (a) The Illinois Human Rights Act (775 ILCS 5/1-101 *et seq.*), including, without limitation, 44 Ill. Admin. Code Part 750, which is incorporated herein;
- (b) The Public Works Employment Discrimination Act (775 ILCS 10/1 *et seq.*);
- (c) The United States Civil Rights Act of 1964 (as amended) (42 USC 2000a- and 2000h-6). (See also guidelines to Federal Financial Assistance Recipients Regarding Title VI Prohibition Against National Origin Discrimination Affecting Limited English Proficient Persons [Federal Register: February 18, 2002 (Volume 67, Number 13, Pages 2671-2685)]);
- (d) Section 504 of the Rehabilitation Act of 1973 (29 USC 794);
- (e) The Americans with Disabilities Act of 1990 (as amended) (42 USC 12101 *et seq.*); and
- (f) The Age Discrimination Act (42 USC 6101 *et seq.*)

**ARTICLE XI
LOBBYING**

11.1. Improper Influence. Grantee certifies that no Grant Funds have been paid or will be paid by or on behalf of Grantee to any person for influencing or attempting to influence an officer or employee of any government agency, a member of Congress or Illinois General Assembly, an officer or employee of Congress or Illinois General Assembly, or an employee of a member of Congress or Illinois General Assembly in connection with the awarding of any agreement, the making of any grant, the making of any loan, the entering into of any cooperative agreement, or the extension, continuation, renewal, amendment or modification of any agreement, grant, loan or cooperative agreement. 31 USC 1352. Additionally, Grantee certifies that it has filed the required certification under the Byrd Anti-Lobbying Amendment (31 USC 1352), if applicable.

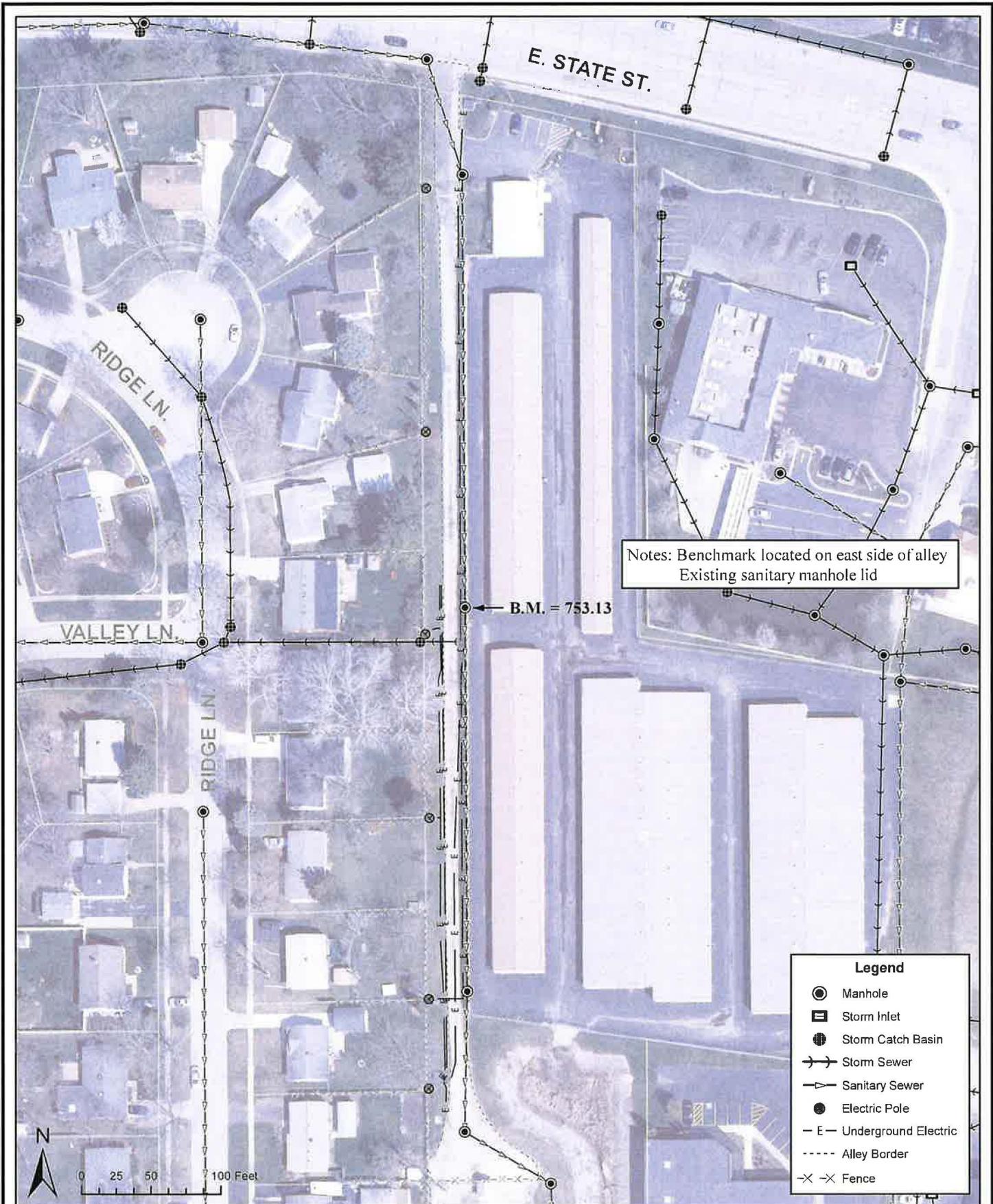
11.2. Federal Form LLL. If any funds, other than federally-appropriated funds, were paid or will be paid to any person for influencing or attempting to influence any of the above persons in connection with this Agreement, the undersigned must also complete and submit Federal Form LLL, Disclosure of Lobbying Activities Form, in accordance with its instructions.

11.3. Lobbying Costs. Grantee certifies that it is in compliance with the restrictions on lobbying set forth in 2 CFR Part 200.450. For any Indirect Costs associated with this Agreement, total lobbying costs shall be separately identified in the Program Budget, and thereafter treated as other Unallowable Costs.

11.4. Procurement Lobbying. Grantee warrants and certifies that it and, to the best of its knowledge, its sub-grantees have complied and will comply with Executive Order No. 1 (2007) (EO 1-2007). EO 1-2007 generally prohibits Grantees and subcontractors from hiring the then-serving Governor's family members to lobby procurement activities of the State, or any other unit of government in Illinois including local governments, if that procurement may result in a contract valued at over \$25,000. This prohibition also applies to hiring for that same purpose any former State employee who had procurement authority at any time during the one-year period preceding the procurement lobbying activity.

11.5. Subawards. Grantee must include the language of this ARTICLE XI in the award documents for any subawards made pursuant to this Award at all tiers. All sub-awardees are also subject to certification and disclosure. Pursuant to Appendix II(I) to 2 CFR Part 200, Grantee shall forward all disclosures by contractors regarding this certification to Grantor.

11.6. Certification. This certification is a material representation of fact upon which reliance was placed to enter into this transaction and is a prerequisite for this transaction, pursuant to 31 USC 1352. Any person who fails to file the required certifications shall be subject to a civil penalty of not less than \$10,000, and not more than \$100,000, for each such failure.



Notes: Benchmark located on east side of alley
Existing sanitary manhole lid

B.M. = 753.13

Legend

- Manhole
- Storm Inlet
- Storm Catch Basin
- Storm Sewer
- ▽ Sanitary Sewer
- Electric Pole
- E - Underground Electric
- Alley Border
- X -X Fence

2020 Ridge Lane Drainage Improvements - Existing

Information shown on this map is schematic in nature and accuracy is not guaranteed. It is the responsibility of the user to field verify all information shown. The data is subject to change without notice. Original base maps provided via intergovernmental agreement with Kane County GIS-Technologies. Reproduction without permission from the City of Geneva is forbidden.

E. STATE ST.

NORTH CONSTRUCTION LIMIT

SAWCUT

19 RIDGE LN.

1040 E. STATE ST.

14 FEET - STORM SEWERS, CLASS B, TYPE II, 6 INCH (WITH CAP OR MECHANICAL PLUG)
INV. 747.65

INLETS, TYPE B, TYPE 1 FRAME AND GRATE
RIM 754.01
INV. 747.65 (SI)
INV. 747.65 - 6" (W)

21 RIDGE LN.

90 FEET - STORM SEWERS, CLASS B, TYPE II, 12 INCH

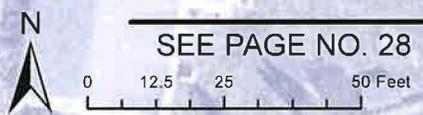
INLETS, TYPE B, TYPE 1 FRAME AND GRATE
RIM 753.48
INV. 746.26 - 12" (N)
INV. 745.46 - 12" (SI)
INV. 746.46 - 6" (W)

16 FEET - STORM SEWERS, CLASS B, TYPE II, 6 INCH (WITH CAP OR MECHANICAL PLUG)
INV. 746.04

25 RIDGE LN.

Inl 7

Inl 8



SEE PAGE NO. 28

Legend	
Existing	Proposed
Manhole	Manhole
Storm Inlet	Storm Inlet
Storm Catch Basin	Cap / Stub
Storm Sewer	Storm Sewer
Sanitary Sewer	
Electric Pole	
Underground Electric	
Alley Border	
Fence	

2020 Ridge Lane Drainage Improvements - Proposed

GENERATED BY:
City of Geneva, Illinois
Engineering Division
E.E. - May 2020



Information shown on this map is schematic in nature and accuracy is not guaranteed. It is the responsibility of the user to field verify all information shown. The data is subject to change without notice. Original base maps provided via intergovernmental agreement with Kane County GIS- Technologies. Reproduction without permission from the City of Geneva is forbidden.

25 RIDGE LN.

SEE PAGE NO. 27

62 FEET - STORM SEWERS,
CLASS B, TYPE II, 12 INCH

14 FEET - STORM SEWERS, CLASS B, TYPE II,
6 INCH (WITH CAP OR MECHANICAL PLUG)

27 RIDGE LN.

100 FEET - STORM SEWERS,
CLASS B, TYPE II, 12 INCH

29 RIDGE LN.

MANHOLES, TYPE A, 48 INCH, BEEHIVE GRATE
REMOVING CATCH BASIN

18 FEET - STORM SEWERS,
CLASS B, TYPE II, 18 INCH

31 RIDGE LN.

68 FEET - STORM SEWERS,
CLASS B, TYPE II, 12 INCH

16 FEET - STORM SEWERS, CLASS B, TYPE II,
6 INCH (WITH CAP OR MECHANICAL PLUG)

33 RIDGE LN.

Inl 7

+

Inl 6

INLETS, TYPE B, TYPE I FRAME AND GRATE

B.M. = 753.13
RM = 753.18
INV. 753.19 12" (N.S.)
INV. 753.15 6" (W)

Notes: Benchmark located on east side of alley
Existing sanitary manhole lid

B.M. = 753.13

MANHOLES, TYPE A, 48 INCH,
TYPE I FRAME AND GRATE

RM = 753.57
INV. 753.75 12" (N)
INV. 753.53 12" (S)
INV. 753.53 18" (W)

REMOVING INLETS

25 FEET - STORM SEWER REMOVAL
AND DISPOSAL, 15 INCH

MH 2

MH 1

+

+

Inl 5

INLETS, TYPE B, TYPE I FRAME AND GRATE

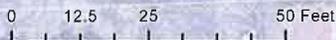
RM = 753.78
INV. 753.53 12" (N)
INV. 753.42 12" (S)
INV. 753.42 6" (W)

753.00

Inl 4



SEE PAGE NO. 29



2020 Ridge Lane Drainage Improvements - Proposed



Information shown on this map is schematic in nature and accuracy is not guaranteed. It is the responsibility of the user to field verify all information shown. The data is subject to change without notice. Original base maps provided via intergovernmental agreement with Kane County GIS- Technologies. Reproduction without permission from the City of Geneva is forbidden.

SEE PAGE NO. 28

69 FEET - STORM SEWERS,
CLASS B, TYPE II, 12 INCH

16 FEET - STORM SEWERS, CLASS B, TYPE II,
6 INCH (WITH CAP OR MECHANICAL PLUG)

37 RIDGE LN.

63 FEET - STORM SEWERS,
CLASS B, TYPE II, 12 INCH

14 FEET - STORM SEWERS, CLASS B, TYPE II,
6 INCH (WITH CAP OR MECHANICAL PLUG)

41 RIDGE LN.

89 FEET - STORM SEWERS,
CLASS B, TYPE II, 12 INCH

18 FEET - STORM SEWERS, CLASS B, TYPE II,
6 INCH (WITH CAP OR MECHANICAL PLUG)

45 RIDGE LN.

18 FEET - STORM SEWERS, CLASS B, TYPE II,
6 INCH (WITH CAP OR MECHANICAL PLUG)

49 RIDGE LN.

INLETS, TYPE B, TYPE 1 FRAME AND GRATE

Inl 4
RIM 732.75
INV 732.72 12" (N/S)
INV 732.86 6" (W)

ELECTRIC BURIED APPROXIMATELY
4 FEET, 10.5 FEET WEST OF WALL

INLETS, TYPE B, TYPE 1 FRAME AND GRATE

Inl 3
RIM 732.64
INV 732.60 12" (N)
INV 732.72 12" (S)
INV 732.86 6" (W)

INLETS, TYPE A, TYPE 1 FRAME AND GRATE

Inl 2
RIM 748.94
INV 748.88 6" (N/S)
INV 748.94 6" (W)

50 FEET - STORM SEWERS,
CLASS B, TYPE II, 12 INCH

INLETS, TYPE A, TYPE 1 FRAME AND GRATE

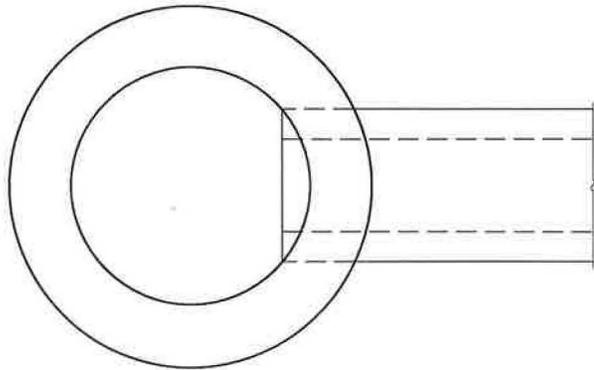
Inl 1
RIM 748.70
INV 748.80 12" (N)
INV 748.80 6" (W)

SOUTH CONSTRUCTION LIMIT

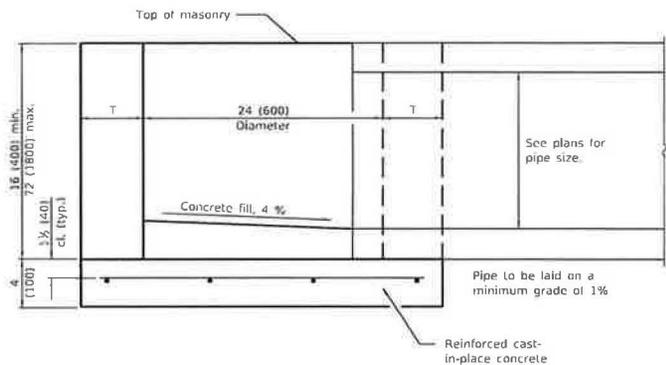


0 12.5 25 50 Feet



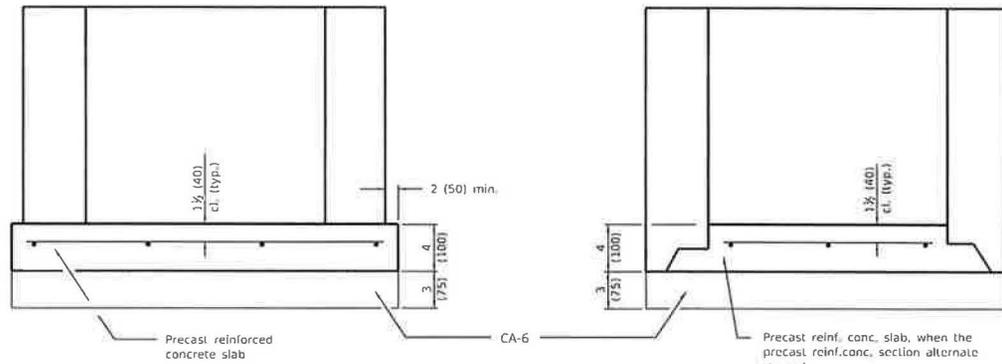


PLAN



ELEVATION

ALTERNATE MATERIALS FOR WALLS	T
BRICK MASONRY	8 (200)
CAST-IN-PLACE CONCRETE	6 (150)
CONCRETE MASONRY UNIT	5 (125)
PRECAST REINFORCED CONCRETE SECTION	3 (75)



ALTERNATE METHODS

GENERAL NOTES

Bottom slabs shall be reinforced with a minimum of 0.24 sq. in./ft. (510 sq. mm/m) in both directions with a maximum spacing of 10 (250).

Bottom slabs may be connected to the riser as determined by the fabricator; however, only a single row of reinforcement around the perimeter may be utilized.

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

DATE	REVISIONS	INLET - TYPE A
1-1-14	Increased height to 18 (460) maximum.	
1-1-11	Detailed rein. in slabs.	STANDARD 602301-04
	Added max. limit to height.	
	Added general notes.	

Illinois Department of Transportation

PROJECT: 2014-1-2214

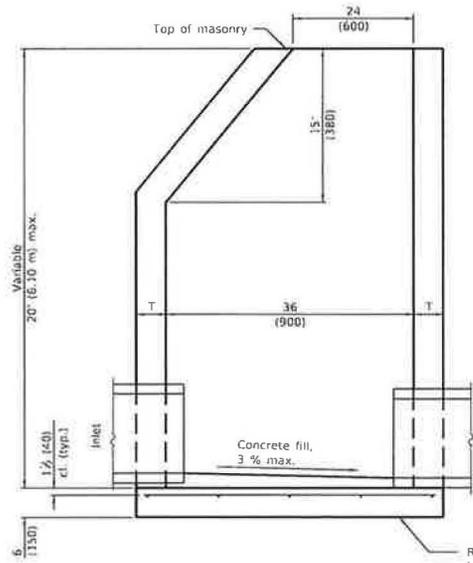
DESIGNER: Michael Brand

ENGINEER: [Signature]

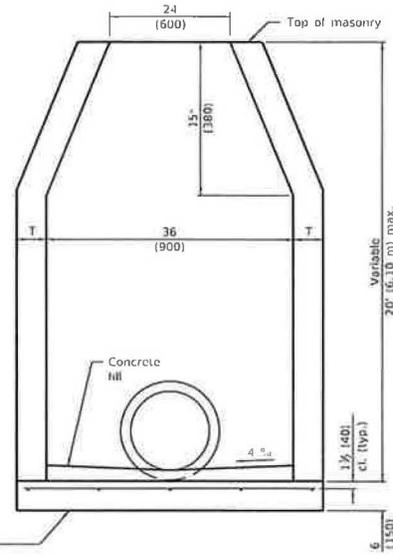
DATE: 2014

16-11-1000

For precast reinforced concrete sections, this dimension may vary from the dimension given to plus 6 (150).

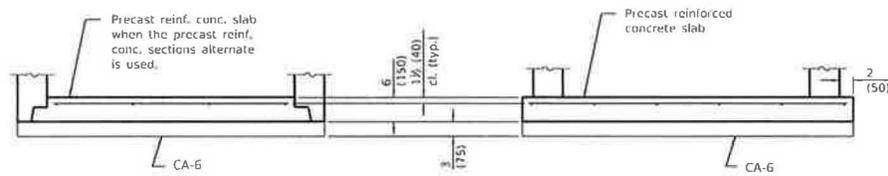


ELEVATION - ECCENTRIC



ELEVATION - CONCENTRIC

ALTERNATE MATERIALS FOR WALLS	T (min.)
Concrete Masonry Unit	5 (125)
Brick Masonry	8 (200)
Precast Reinforced Concrete Section	3 (75)
Cast-in-Place Concrete	6 (150)



ALTERNATE BOTTOM SLAB

GENERAL NOTES

Bottom slabs shall be reinforced with a minimum of 0.20 sq. in./ft. (420 sq. mm/m) in both directions with a maximum spacing of 12 (300).

Bottom slabs may be connected to the riser as determined by the fabricator; however, only a single row of reinforcement around the perimeter may be utilized.

See Standard 602601 for optional Precast Reinforced Concrete Flat Slab Top.

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

DATE	REVISIONS
1-1-11	Detailed rein. in slabs.
	Added max. limit to height.
	Revised general notes.
1-1-09	Switched units to English (metric).

INLET - TYPE B

STANDARD 602306-03

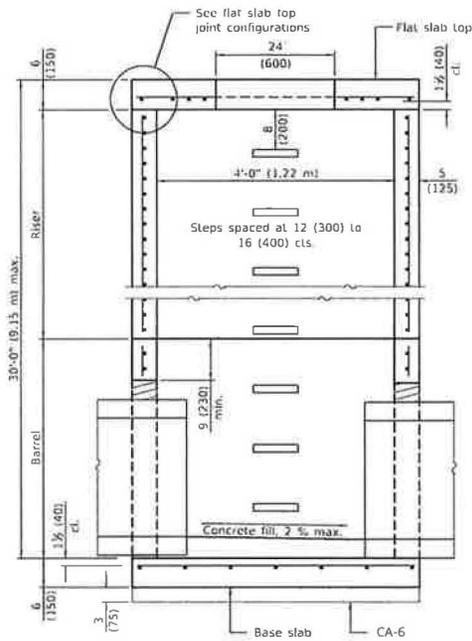
Illinois Department of Transportation

PROJECT NUMBER: 2011

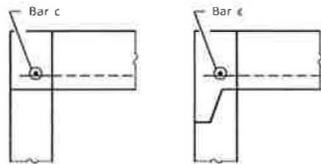
DESIGNED BY: Michael Brown

CHECKED BY: [Signature]

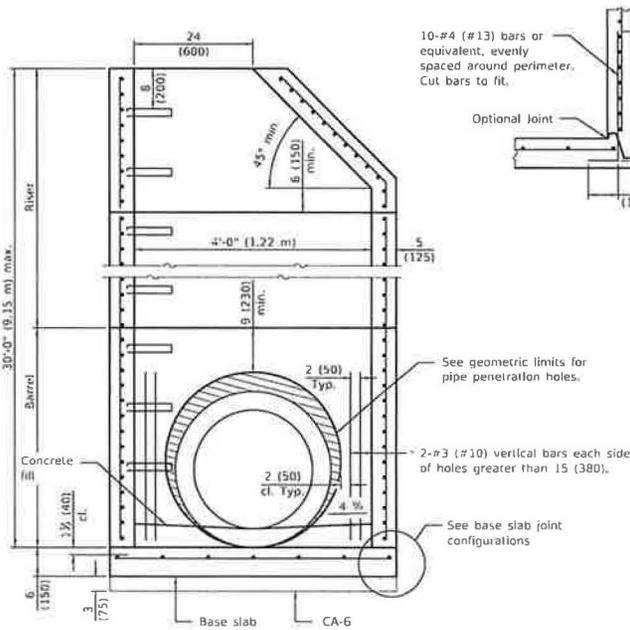
DATE: 2011



SECTION PARALLEL TO PIPE
(Without conical top riser)



FLAT SLAB TOP JOINT CONFIGURATIONS
(Shown at access hole)

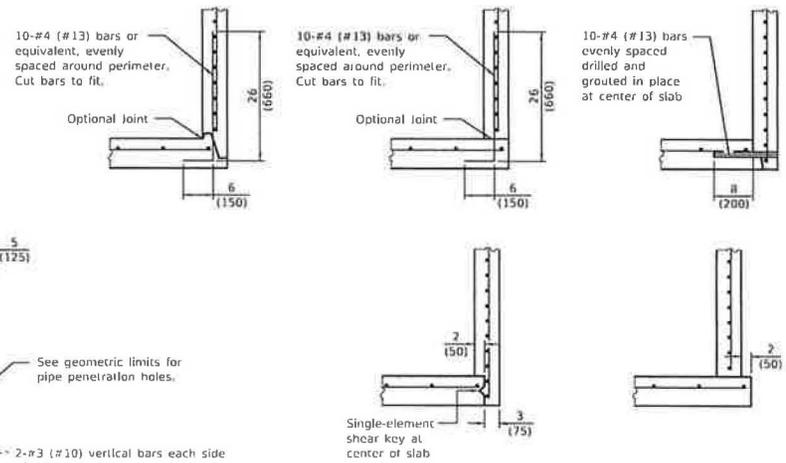


SECTION PERPENDICULAR TO PIPE
(With conical top riser)

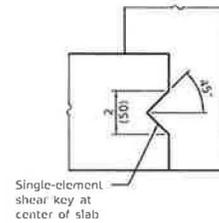
* As an alternate, the barrel wall reinforcement may be reduced to riser wall reinforcement with #3 (#10) bars placed around the pipe penetration holes as shown. This option may be utilized when the pipe penetration holes are formed as apposed to cured.

GEOMETRIC LIMITS FOR PIPE PENETRATION HOLES

1. A minimum of 9 (230) of monolithic reinforced concrete shall be maintained above pipe penetration holes > 24 (600).
2. A minimum 12 (300) inside arc length of reinforced concrete shall be maintained between pipe penetration holes > 15 (380).
3. A maximum of 60 percent of the inside perimeter of the reinforced concrete manhole walls may be removed.
4. Horizontal joints that intersect pipe penetration holes > 15 (380) shall have one joint splice for every location around the perimeter of the joint where the inside arc length between pipe penetration holes is < 24 (600). See joint splice detail.
5. The recommended pipe penetration hole is equal to the O.D. of the pipe plus 4 (100).
6. Only pipe penetration holes ≤ 15 (380) are allowed in riser sections.



BASE SLAB JOINT CONFIGURATIONS



SHEAR KEY GEOMETRY
(Reinforcement not shown for clarity)

GENERAL NOTES

The manufacturer shall ensure that all precast manhole sections are additionally reinforced where required to resist damage from handling, shipping and installation stresses.

Lifting holes shall be located in the sections as per the manufacturer's recommendations, except as noted.

See Standard 602701 for details of manhole steps.

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

DATE	REVISIONS
3-1-19	Moved wall reinforcement from inside face to middle.
1-1-19	Expanded / refined reinforcement options, increased manhole depths.

PRECAST MANHOLE TYPE A
4' (1.22 m) DIAMETER

(Sheet 1 of 2)

STANDARD 602401-06

Illinois Department of Transportation

PROJECT: *11111* DRAWING: *22-0*

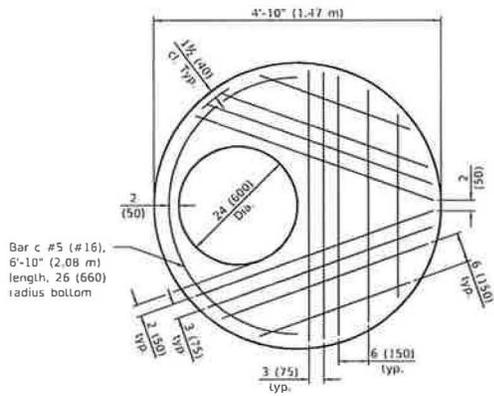
DESIGNED BY: *[Signature]* CHECKED BY: *[Signature]*

DATE: *11/11/18* SCALE: *1/8" = 1'-0"*

PROJECT: *11111* DRAWING: *22-0*

DESIGNED BY: *[Signature]* CHECKED BY: *[Signature]*

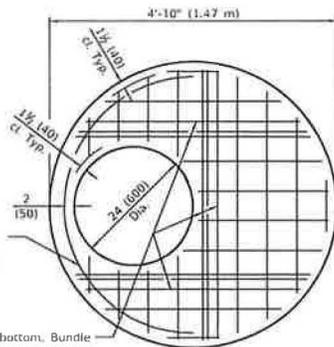
DATE: *11/11/18* SCALE: *1/8" = 1'-0"*



Bar c #5 (#16),
6'-10" (2.08 m)
length, 26 (660)
radius bottom

PLAN - FLAT SLAB TOP

(Showing layout of reinforcement bars and c bars)



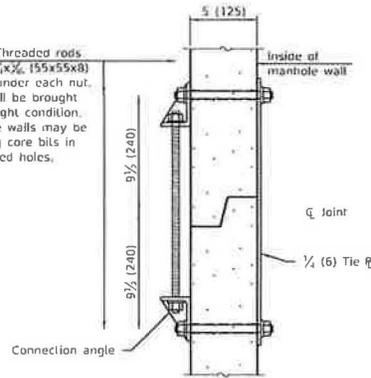
Bar c #5 (#16),
6'-10" (2.08 m)
length, 26 (660)
radius bottom

#5 (#16) bars bottom. Bundle
first bar with closest WWR
bar to the opening and place
second bar ≈ 3 (75) away.

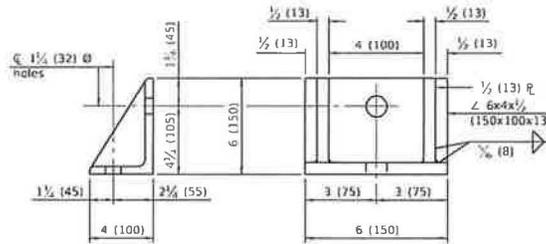
PLAN - FLAT SLAB TOP

(Showing layout of welded wire reinforcement and c bars)

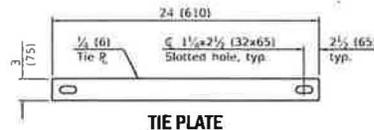
\varnothing 1/2 (125) \varnothing Threaded rods
with 2 1/2 x 2 1/2 x 1/2 (155x55x8)
R washers under each nut.
All nuts shall be brought
to a snug tight condition.
Holes in the walls may be
drilled using core bits in
lieu of formed holes.



JOINT SPLICE



CONNECTION ANGLE



TIE PLATE

FLAT SLAB TOP REINFORCEMENT

Location	WWR (each direction)		Rebar	
	A _s (min.)	Spacing (max.)	A _s (min.)	Spacing (max.)
Bottom Mat	** 0.62 sq. in./ft. (1312 sq. mm/m)	6 (150)	See plan view for rebar orientation and spacing and this table for bar size	#5 (#16)

** Only one layer of WWR permitted to avoid congestion.

WALL REINFORCEMENT

Location	Orientation	WWR or Rebar	
		A _s (min.)	Spacing (max.)
Riser	Circumferential	0.12 sq. in./ft. (254 sq. mm/m)	6 (150)
	Vertical	0.045 sq. in./ft. (95 sq. mm/m)	8 (200)
Barrel	Circumferential	0.12 sq. in./ft. (254 sq. mm/m)	6 (150)
	Vertical	0.16 sq. in./ft. (339 sq. mm/m)	4 (100)

BASE SLAB REINFORCEMENT

Location	Total Height	WWR or Rebar (each direction)	
		A _s (min.)	Spacing (max.)
Top Mat	≤ 20 ft. (6.10 m)	0.24 sq. in./ft. (508 sq. mm/m)	10 (250)
	> 20 ft. (6.10 m)	0.24 sq. in./ft. (508 sq. mm/m)	10 (250)

Illinois Department of Transportation

DESIGNED BY: *W.R.D.* 7/13

CHECKED BY: *[Signature]* 7/13

APPROVED BY: *[Signature]* 7/13

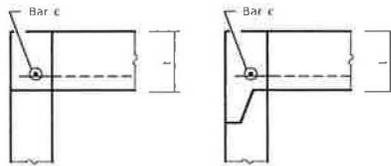
PROJECT: *[Signature]*

ENGINEER OF RECORD AND SUPERVISOR

PRECAST MANHOLE TYPE A
4' (1.22 m) DIAMETER

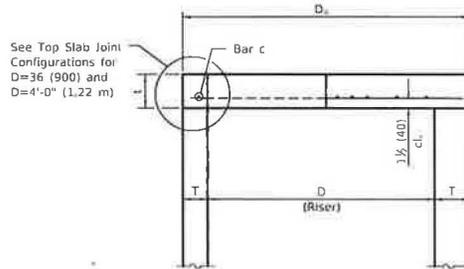
(Sheet 2 of 2)

STANDARD 602401-06

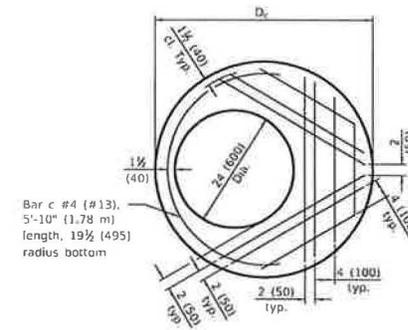


FLAT SLAB TOP JOINT CONFIGURATIONS
FOR D = 36 (900) AND D = 4'-0" (1.22 m)

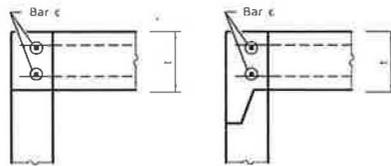
(Shown at access hole)



SECTION THRU FLAT SLAB TOP
FOR D = 36 (900) AND D = 4'-0" (1.22 m)

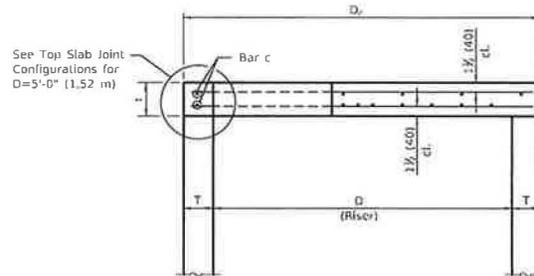


PLAN - FLAT SLAB TOP FOR D = 36 (900)
 (Showing layout of reinforcement bars and c bars)

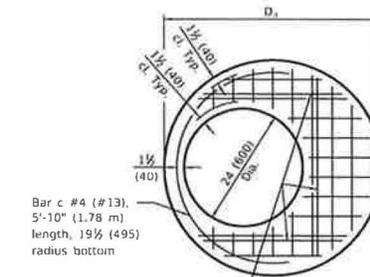


FLAT SLAB TOP JOINT CONFIGURATIONS
D = 5'-0" (1.52 m)

(Shown at access hole)



SECTION THRU FLAT SLAB TOP
FOR D = 5'-0" (1.52 m)

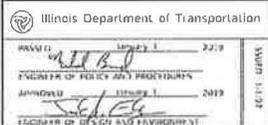


#4 (#13) bars bottom. Bundle with closest WWR bar to the opening.

PLAN - FLAT SLAB TOP FOR D = 36 (900)
 (Showing layout of welded wire reinforcement and c bars)

TABLE

D	T	D ₂ (min.)	i
36 (900)			6 (150)
4'-0" (1.2 m)			6 (150)
5'-0" (1.5 m)			8 (200)
	See applicable Standards	D + 2T	



GENERAL NOTES

The flat slab top may be used in lieu of the tapered tops shown on Standards 602001, 602016, or 602306 at the option of the Contractor or when field conditions prohibit the use of tapered tops.

Lifting holes shall be located in the sections as per the manufacturer's recommendations.

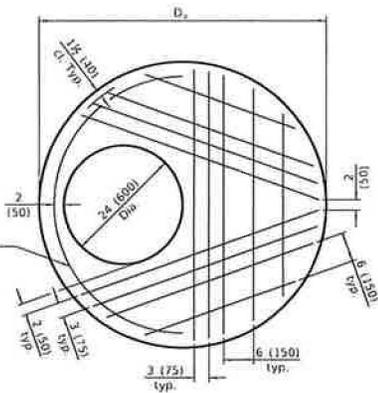
All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
1-1-19	Expanded / refined reinforcement options,
1-1-18	Revised for compliance with LRFD,

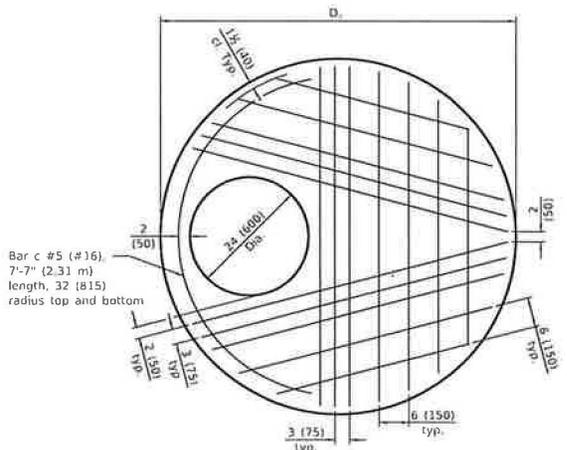
**PRECAST REINFORCED
 CONCRETE FLAT SLAB TOP**

(Sheet 1 of 2)

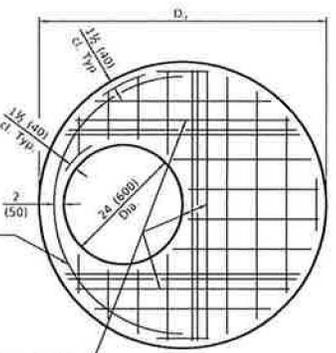
STANDARD 602601-06



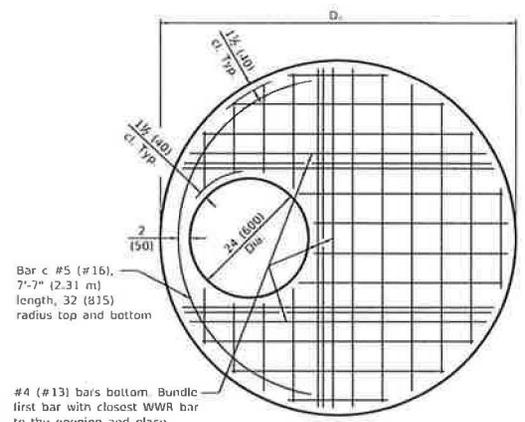
PLAN - FLAT SLAB TOP FOR D = 4'-0" (1.22 m)
(Showing layout of reinforcement bars and c bars)



PLAN - FLAT SLAB TOP FOR D = 5'-0" (1.52 m)
(Showing layout of bottom reinforcement bars and c bars)



PLAN - FLAT SLAB TOP FOR D = 4'-0" (1.22 m)
(Showing layout of welded wire reinforcement and c bars)



PLAN - FLAT SLAB TOP FOR D = 5'-0" (1.52 m)
(Showing layout of welded wire reinforcement and c bars)

FLAT SLAB TOP REINFORCEMENT FOR D = 36 (900)

Location	WWR (each direction)		Rebar		Bar Size
	A _s (min.)	Spacing (max.)	A _s (min.)	Spacing (max.)	
Bottom Mat	~ 0.60 sq. in./ft. (1270 sq. mm/m)	6 (150)	See plan view for rebar orientation and spacing and this table for bar size		#4 (#13)

FLAT SLAB TOP REINFORCEMENT FOR D = 4'-0" (1.22 m)

Location	WWR (each direction)		Rebar		Bar Size
	A _s (min.)	Spacing (max.)	A _s (min.)	Spacing (max.)	
Bottom Mat	~ 0.62 sq. in./ft. (1312 sq. mm/m)	6 (150)	See plan view for rebar orientation and spacing and this table for bar size		#5 (#16)

FLAT SLAB TOP REINFORCEMENT FOR D = 5'-0" (1.52 m)

Location	WWR (each direction)		Rebar (each direction except as noted)		Bar Size
	A _s (min.)	Spacing (max.)	A _s (min.)	Spacing (max.)	
Top Mat	0.11 sq. in./ft. (233 sq. mm/m)	18 (450)	0.11 sq. in./ft. (233 sq. mm/m)	18 (450)	#3 or #4 (#10) (#13)
Bottom Mat	~ 0.40 sq. in./ft. (847 sq. mm/m)	6 (150)	See plan view for rebar orientation and spacing and this table for bar size		#4 (#13)

* Only one layer of WWR permitted to avoid congestion.

Illinois Department of Transportation

DESIGNER: [Signature]

DATE: 10/21/11

APPROVED: [Signature]

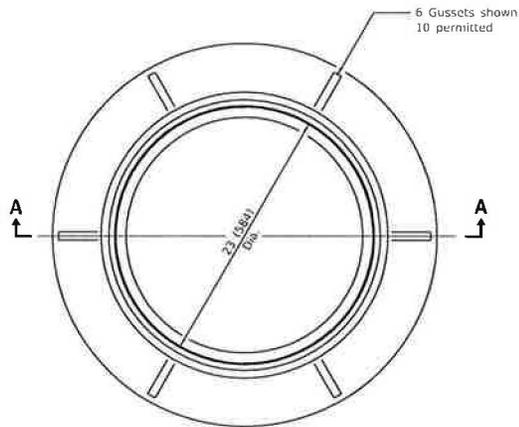
DATE: 10/21/11

ILLINOIS DEPARTMENT OF TRANSPORTATION

**PRECAST REINFORCED
CONCRETE FLAT SLAB TOP**

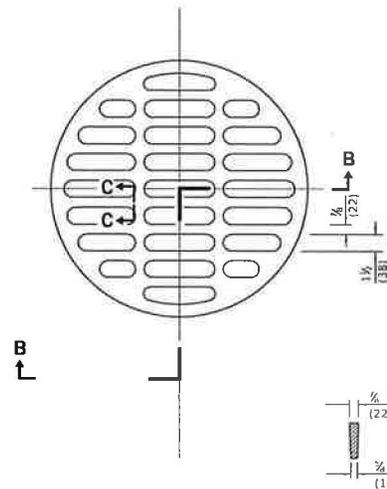
(Sheet 2 of 2)

STANDARD 602601-06

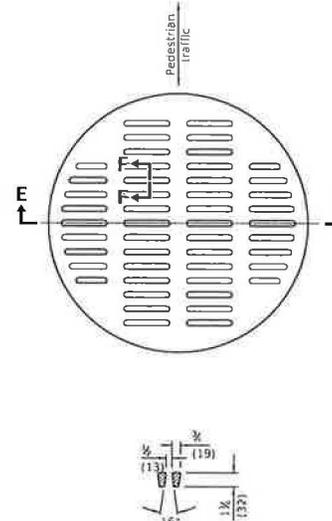


CAST FRAME

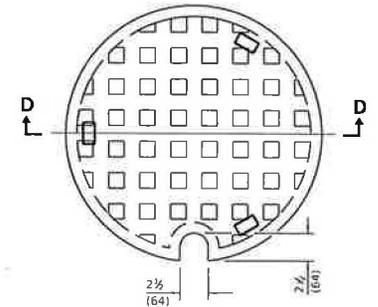
6 Gussets shown
10 permitted



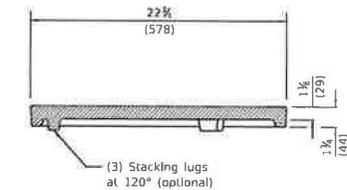
SECTION C-C



SECTION F-F



2 1/2 (64)
2 1/2 (64)

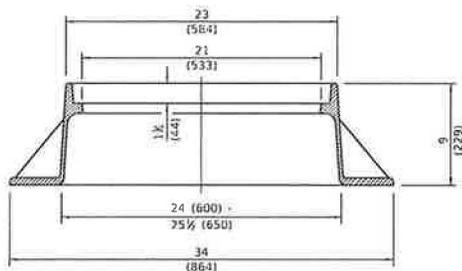


SECTION D-D

CAST CLOSED LID

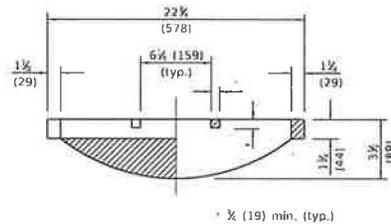
Gray Iron Lid

(3) Stacking lugs
at 120° (optional)



SECTION A-A

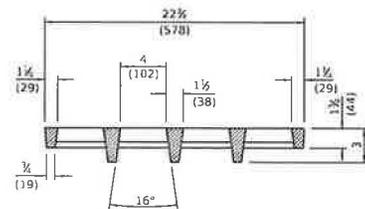
Gray Iron



SECTION B-B

CAST OPEN LID

1/4 (19) min. (typ.)



SECTION E-E

**ADA COMPLIANT
CAST OPEN LID**

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

Illinois Department of Transportation

DESIGNER: [Signature] 2/22

APPROVER: POLYMER PROCEEDINGS

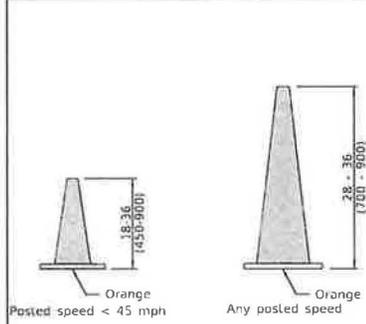
APPROVED: [Signature] 2/20

ENGINEER OF DESIGN AND DRAWINGS: [Signature]

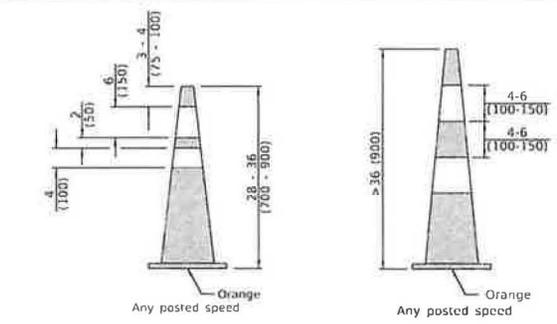
DATE	REVISIONS
1-1-20	Revised dimension in Section B-B of cast open lid.
1-1-15	Revised dimensioning of frame. Added ADA compliant open lid.
1-1-09	Switched units to English (metric).

**FRAME AND LIDS
TYPE 1**

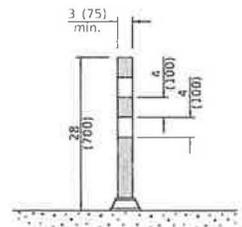
STANDARD 604001-05



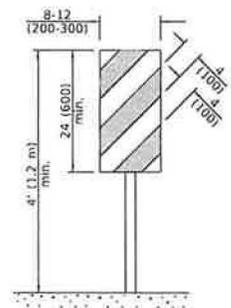
DAYTIME USE



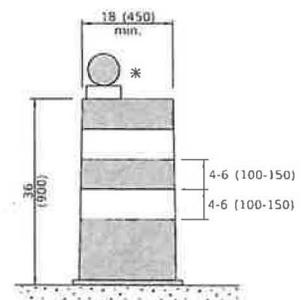
DAY OR NIGHTTIME USE



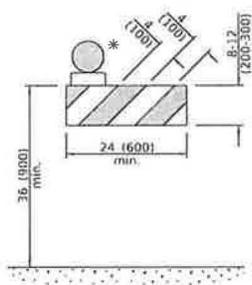
TUBULAR MARKER



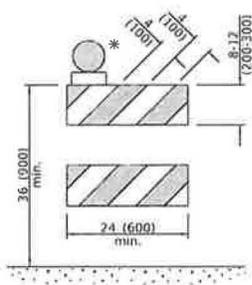
**VERTICAL PANEL
POST MOUNTED**



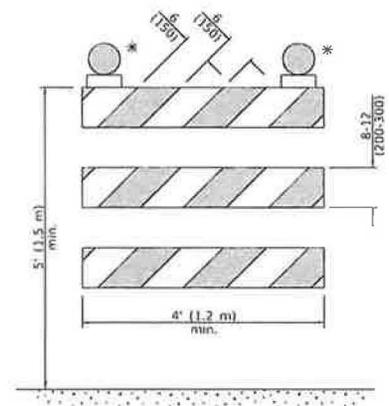
DRUM



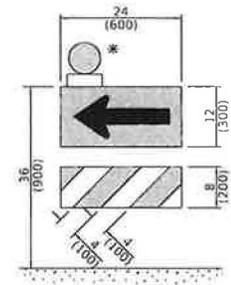
TYPE I BARRICADE



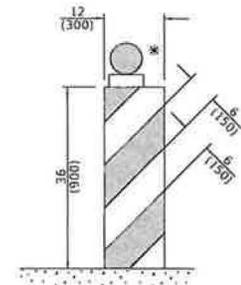
TYPE II BARRICADE



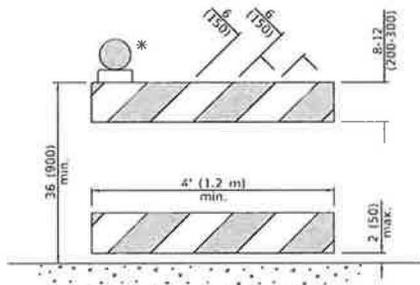
TYPE III BARRICADE



**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 mm) 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

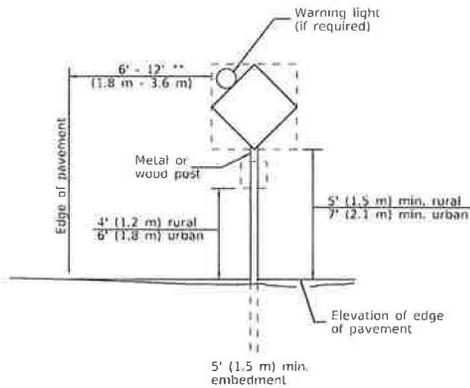
Illinois Department of Transportation

ENGINEER OF SAFETY PROG. AND REGULATING

DESIGNED BY

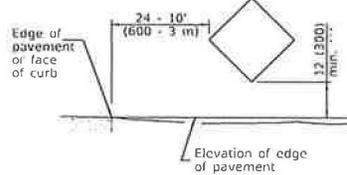
CHECKED BY

DATE



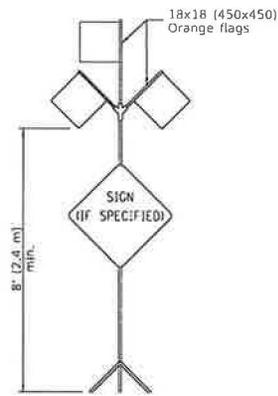
POST MOUNTED SIGNS

** 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

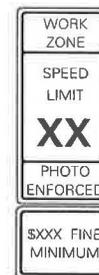
This signing is required for all projects 2 miles (3200 m) or more in length.

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



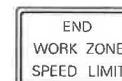
W21-1115(0)-3618

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

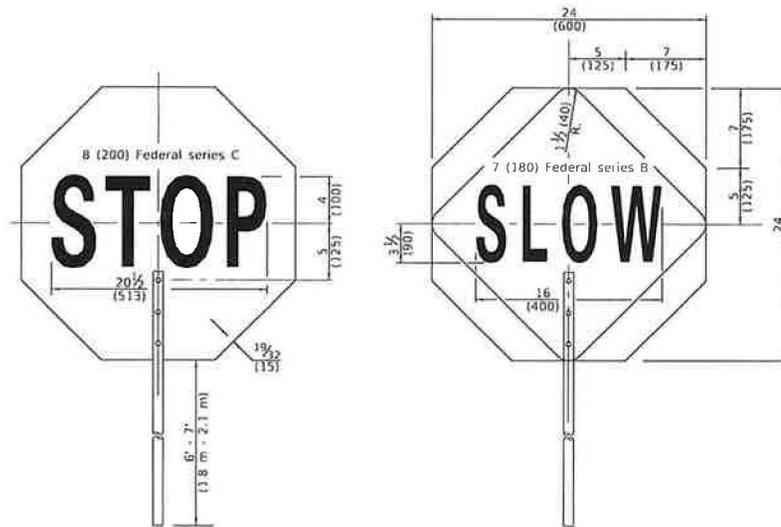
*** R10-1108p shall only be used along roadways under the jurisdiction of the State.



W12-1103-4848

WIDTH RESTRICTION SIGN

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



FRONT SIDE

REVERSE SIDE

FLAGGER TRAFFIC CONTROL SIGN

Illinois Department of Transportation

Signature: _____ Date: _____

ENGINEER OF SURVEYING AND HIGHWAYS

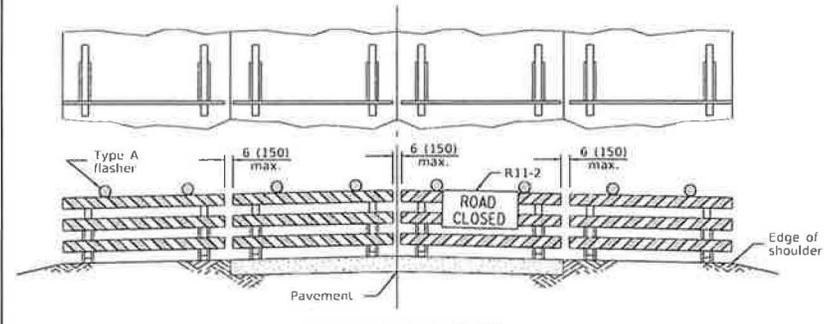
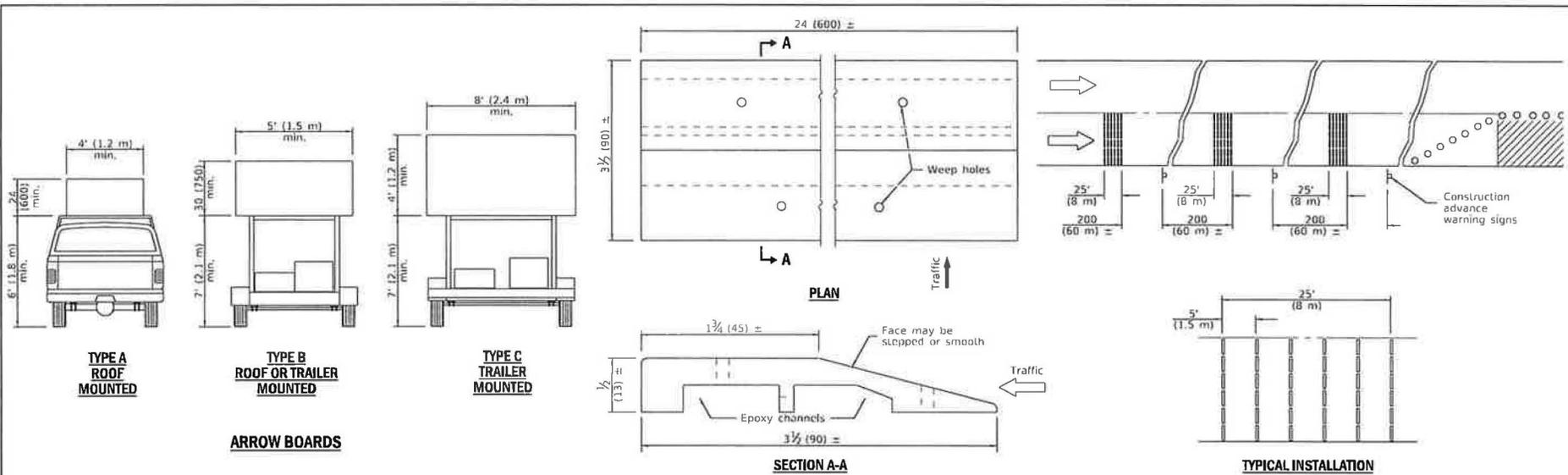
Signature: _____ Date: _____

REGISTERED PROFESSIONAL ENGINEER

TRAFFIC CONTROL DEVICES

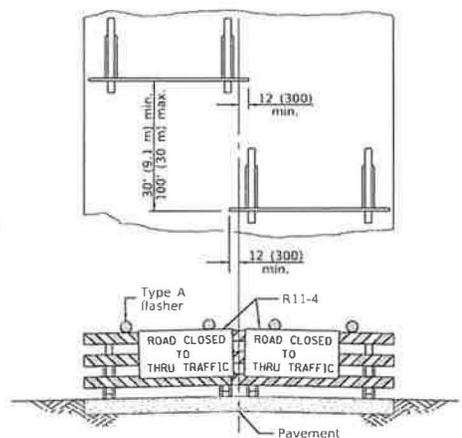
(Sheet 2 of 3)

STANDARD 701901-08



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

TRAFFIC CONTROL DEVICES

(Sheet 3 of 3)

STANDARD 701901-08

Illinois Department of Transportation

APPROVED: [Signature] January 8, 2019
 ENGINEER OF SAFETY SIGNS AND ENGINEERING

APPROVED: [Signature] January 8, 2019
 PROJECT ENGINEER OF SAFETY SIGNS AND ENGINEERING

Details

Area to be paved approximately 13,090 sq. ft.

