



## AGENDA ITEM EXECUTIVE SUMMARY

Agenda Item:	Approval of the 2019 Street Improvements Program Builders Paving		
Presenter & Title:	Brian Schiber, P.E., Assistant Director of Public Works/City Engineer		
Date:	March 7, 2019		
<b>Please Check Appropriate Box:</b>			
<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-II; ES -II			
Estimated Cost: \$1,010,189.42		Budgeted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Other Funding? <input type="checkbox"/> Yes <input type="checkbox"/> No
If "Other Funding," please explain how the item will be funded:			
<b>Executive Summary:</b>			
<p>Three (3) bids were received for the use of Warm Mix Asphalt (WMA) to be used for the 2019 STREET IMPROVEMENTS. The bids were as follows: \$1,009,664.77 (Plote Construction, Inc.); \$961,704.24 (Geneva Construction Co.); and \$918,354.02 (Builders Paving, LLC).</p> <p>Builders Paving, LLC is the lowest responsible bidder, they are prequalified by IDOT and has previously performed satisfactory paving work for the City of Geneva.</p>			
<b>Attachments:</b> (please list)			
<ul style="list-style-type: none"> <li>• Resolution</li> <li>• Bid Tabulation/Summary of Bids</li> <li>• Map of Streets</li> </ul>			
<b>Voting Requirements:</b>			
<p><i>This motion requires 6 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>			
<b>Recommendation / Suggested Action:</b> (how item should be listed on agenda)			
<p>Recommend approval of resolution authorizing the City Administrator to execute the contract for the 2019 Street Improvement Program to Builders Paving, LLC of Hillside, Illinois in the amount of \$918,354.02 and allow the City Administrator to approve up \$91,835.40 in change orders for a total not-to exceed amount of \$1,010,189.42</p>			

**RESOLUTION NO. 2019-23**  
**RESOLUTION AUTHORIZING EXECUTION OF**  
**Contract with Builders Paving, LLC. for the “2019 Street Improvements”**

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**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 Builders Paving, LLC. in the form attached hereto as Exhibit “A”, relating to minor storm sewer improvements and the resurfacing of various City Streets in the City of Geneva, IL for the amount not to exceed \$1,010,189.42.

**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 \_\_\_\_ day of \_\_\_\_\_, 2019

**AYES: \_\_ NAYS: \_\_ ABSENT: \_\_ ABSTAINING: \_\_ HOLDING OFFICE: \_\_**

Approved by me this \_\_\_\_ day of \_\_\_\_\_, 2019.

\_\_\_\_\_  
Mayor

ATTEST:

\_\_\_\_\_  
City Clerk

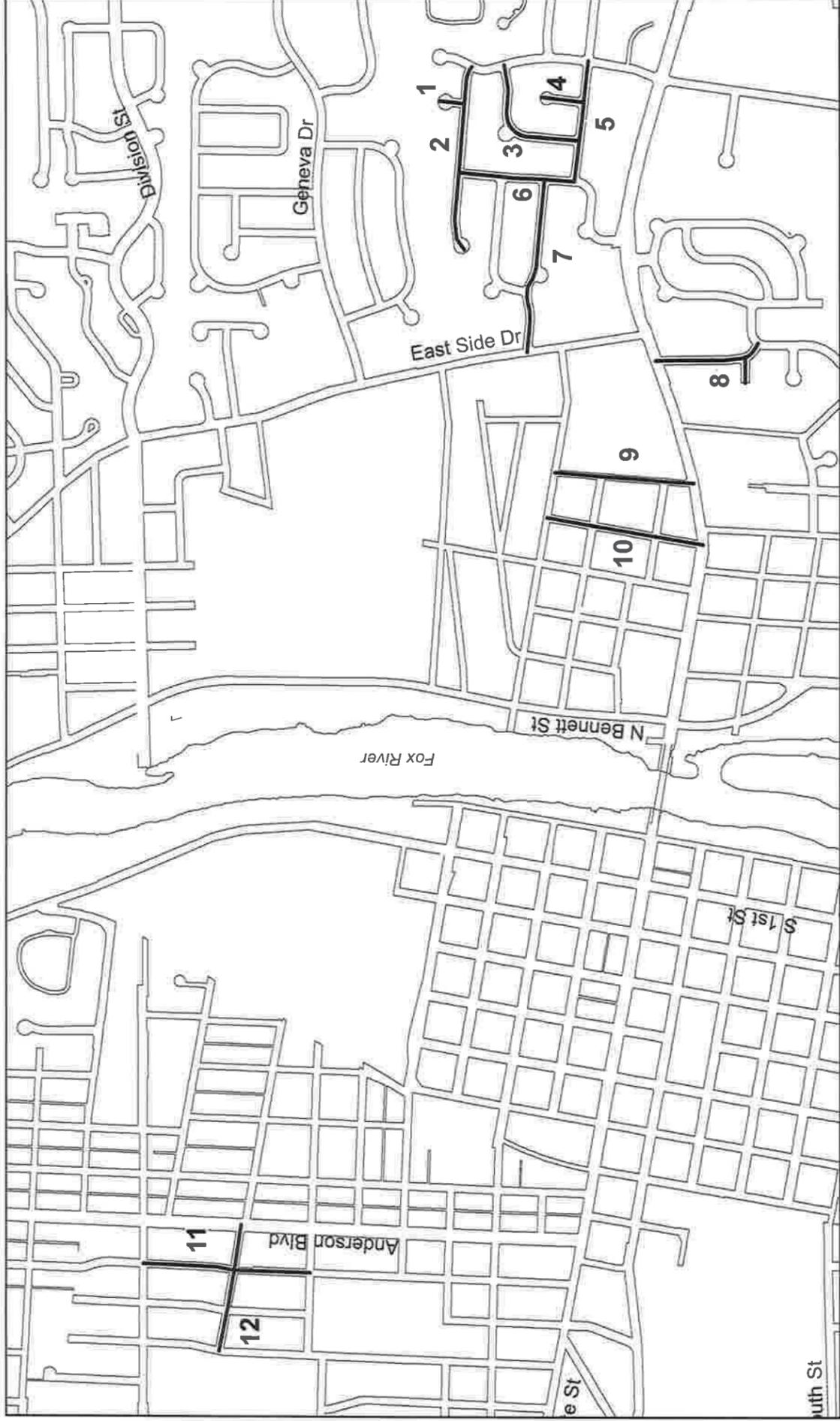


**2019 STREET IMPROVEMENTS**  
 BID TABULATION

March 4, 2019

ITEM	DESCRIPTION	UNIT	QTY	ENGINEERS ESTIMATE		Builders Paving LLC, Hillside IL Ph 847-419-9000; Fx 847-419-9050		Geneva Construction Co, Aurora IL Ph 630-892-4357, FX 630-892-7738		Plote Construct., Inc, Hoffmann Estates, IL Ph 847-695-9300 FX 847-695-93.17	
				UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	EARTH EXCAVATION	CU YD	11.00	\$ 45.00	\$ 495.00	\$ 50.00	\$ 550.00	\$ 50.00	\$ 550.00	\$ 60.00	\$ 660.00
2	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	202.00	\$ 45.00	\$ 9,090.00	\$ 34.00	\$ 6,868.00	\$ 35.00	\$ 7,070.00	\$ 38.00	\$ 7,676.00
3	SUPPLEMENTAL WATERING	UNIT	27.00	\$ 50.00	\$ 1,350.00	\$ 1.00	\$ 27.00	\$ 1.00	\$ 27.00	\$ 30.00	\$ 810.00
4	SUBBASE GRANULAR MATERIAL, TYPE B	CU YD	200.00	\$ 47.00	\$ 9,400.00	\$ 40.00	\$ 8,000.00	\$ 42.00	\$ 8,400.00	\$ 65.00	\$ 13,000.00
5	AGGREGATE BASE REPAIR, 12 INCH	SQ YD	75.00	\$ 20.00	\$ 1,500.00	\$ 25.00	\$ 1,875.00	\$ 20.00	\$ 1,500.00	\$ 23.00	\$ 1,725.00
6	BITUMINOUS MATERIAL (PRIME COAT)	POUND	19,782.00	\$ 0.45	\$ 8,901.90	\$ 0.01	\$ 197.82	\$ 0.01	\$ 197.82	\$ 0.01	\$ 197.82
7	AGGREGATE (PRIME COAT)	TON	83.00	\$ 3.00	\$ 249.00	\$ 0.01	\$ 0.83	\$ 0.01	\$ 0.83	\$ 0.01	\$ 0.83
8	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2.25 INCH	TON	1,347.00	\$ 65.00	\$ 87,555.00	\$ 64.75	\$ 87,218.25	\$ 62.00	\$ 83,514.00	\$ 67.00	\$ 90,249.00
9	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1.50 INCH	TON	898.00	\$ 70.00	\$ 62,860.00	\$ 71.50	\$ 64,207.00	\$ 72.00	\$ 64,656.00	\$ 73.00	\$ 65,554.00
10	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2.00 INCH	TON	2,817.00	\$ 71.00	\$ 200,007.00	\$ 66.75	\$ 188,034.75	\$ 68.00	\$ 191,556.00	\$ 71.00	\$ 200,007.00
11	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH	SQ YD	280.00	\$ 70.00	\$ 19,600.00	\$ 58.00	\$ 16,240.00	\$ 75.00	\$ 21,000.00	\$ 60.00	\$ 16,800.00
12	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	11,232.00	\$ 5.85	\$ 65,707.20	\$ 5.75	\$ 64,584.00	\$ 6.35	\$ 71,323.20	\$ 6.00	\$ 67,392.00
13	PORTLAND CEMENT CONCRETE SIDEWALK 7 INCH	SQ FT	1,084.00	\$ 8.00	\$ 8,672.00	\$ 6.00	\$ 6,504.00	\$ 8.15	\$ 8,834.60	\$ 6.20	\$ 6,720.80
14	DETECTABLE WARNINGS	SQ FT	344.00	\$ 25.00	\$ 8,600.00	\$ 25.00	\$ 8,600.00	\$ 26.00	\$ 8,944.00	\$ 25.00	\$ 8,600.00
15	HOT-MIX ASPHALT SURFACE REMOVAL, 1.75 INCH	SQ YD	25,153.00	\$ 3.75	\$ 94,323.75	\$ 1.80	\$ 45,275.40	\$ 1.75	\$ 44,017.75	\$ 2.00	\$ 50,306.00
16	HOT-MIX ASPHALT SURFACE REMOVAL, 3.50 INCH	SQ YD	10,690.00	\$ 3.75	\$ 40,087.50	\$ 3.80	\$ 40,622.00	\$ 3.25	\$ 34,742.50	\$ 4.40	\$ 47,036.00
17	DRIVEWAY PAVEMENT REMOVAL	SQ YD	658.00	\$ 9.75	\$ 6,415.50	\$ 15.00	\$ 9,870.00	\$ 10.00	\$ 6,580.00	\$ 28.00	\$ 18,424.00
18	COMBINATION CURB AND GUTTER REMOVAL	FOOT	3,274.00	\$ 6.50	\$ 21,281.00	\$ 4.50	\$ 14,733.00	\$ 3.00	\$ 9,822.00	\$ 4.70	\$ 15,387.80
19	SIDEWALK REMOVAL	SQ FT	12,836.00	\$ 1.35	\$ 17,328.60	\$ 1.15	\$ 14,761.40	\$ 1.15	\$ 14,761.40	\$ 1.20	\$ 15,403.20
20	CLASS C PATCHES, TYPE I, 8 INCH	SQ YD	35.00	\$ 78.00	\$ 2,730.00	\$ 75.00	\$ 2,625.00	\$ 85.00	\$ 2,975.00	\$ 75.00	\$ 2,625.00
21	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	2.00	\$ 65.00	\$ 130.00	\$ 165.00	\$ 330.00	\$ 155.00	\$ 310.00	\$ 120.00	\$ 240.00
22	INLETS, TYPE-A, TYPE-11 FRAME AND GRATE	EACH	5.00	\$ 2,300.00	\$ 11,500.00	\$ 2,300.00	\$ 11,500.00	\$ 3,000.00	\$ 15,000.00	\$ 2,800.00	\$ 14,000.00
23	REMOVING INLETS	EACH	5.00	\$ 350.00	\$ 1,750.00	\$ 335.00	\$ 1,675.00	\$ 200.00	\$ 1,000.00	\$ 280.00	\$ 1,400.00
24	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	3,274.00	\$ 23.00	\$ 75,302.00	\$ 20.00	\$ 65,480.00	\$ 24.00	\$ 78,576.00	\$ 21.00	\$ 68,754.00
25	SIGN PANEL - TYPE 1	SQ FT	496.00	\$ 30.00	\$ 14,880.00	\$ 14.75	\$ 7,316.00	\$ 14.75	\$ 7,316.00	\$ 22.00	\$ 10,912.00
26	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	103.00	\$ 28.00	\$ 2,884.00	\$ 16.00	\$ 1,648.00	\$ 16.00	\$ 1,648.00	\$ 20.00	\$ 2,060.00
27	TELESCOPING STEEL SIGN SUPPORT	FOOT	1,260.00	\$ 15.00	\$ 18,900.00	\$ 9.50	\$ 11,970.00	\$ 9.50	\$ 11,970.00	\$ 8.00	\$ 10,080.00
28	PAVEMENT MARKING REMOVAL	SQ FT	1,034.00	\$ 2.00	\$ 2,068.00	\$ 1.00	\$ 1,034.00	\$ 1.00	\$ 1,034.00	\$ 1.00	\$ 1,034.00
29	GROUT REMOVAL AND REPLACEMENT	EACH	72.00	\$ 135.00	\$ 9,720.00	\$ 155.00	\$ 11,160.00	\$ 110.00	\$ 7,920.00	\$ 200.00	\$ 14,400.00
30	BRICK PAVER, STONE AND MASONRY REMOVAL AND REPLACEMENT	SQ FT	324.00	\$ 23.00	\$ 7,452.00	\$ 16.00	\$ 5,184.00	\$ 14.00	\$ 4,536.00	\$ 13.50	\$ 4,374.00
31	CURB REMOVAL AND REPLACEMENT	FOOT	4,899.00	\$ 28.50	\$ 139,621.50	\$ 26.00	\$ 127,374.00	\$ 26.50	\$ 129,823.50	\$ 27.75	\$ 135,947.25
32	TRAFFIC CONTROL AND PROTECTION	L SUM	1.00	\$ 25,000.00	\$ 25,000.00	\$ 12,254.65	\$ 12,254.65	\$ 22,000.00	\$ 22,000.00	\$ 35,000.00	\$ 35,000.00
33	URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	125.00	\$ 5.50	\$ 687.50	\$ 4.25	\$ 531.25	\$ 4.50	\$ 562.50	\$ 4.25	\$ 531.25
34	URETHANE PAVEMENT MARKING - LINE 4 INCH	FOOT	35,165.00	\$ 0.90	\$ 31,648.50	\$ 0.50	\$ 17,582.50	\$ 0.50	\$ 17,582.50	\$ 0.50	\$ 17,582.50
35	URETHANE PAVEMENT MARKING - LINE 6 INCH	FOOT	5,283.00	\$ 1.25	\$ 6,603.75	\$ 0.80	\$ 4,226.40	\$ 1.00	\$ 5,283.00	\$ 0.80	\$ 4,226.40
36	URETHANE PAVEMENT MARKING - LINE 12 INCH	FOOT	515.00	\$ 2.75	\$ 1,416.25	\$ 2.00	\$ 1,030.00	\$ 2.25	\$ 1,158.75	\$ 2.00	\$ 1,030.00
37	URETHANE PAVEMENT MARKING - LINE 24 INCH	FOOT	789.00	\$ 5.75	\$ 4,536.75	\$ 4.25	\$ 3,353.25	\$ 4.50	\$ 3,550.50	\$ 4.25	\$ 3,353.25
38	PARKWAY RESTORATION	SQ YD	2,411.00	\$ 15.00	\$ 36,165.00	\$ 6.50	\$ 15,671.50	\$ 11.25	\$ 27,123.75	\$ 8.00	\$ 19,288.00
39	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 4 INCH	SQ YD	357.00	\$ 55.00	\$ 19,635.00	\$ 42.00	\$ 14,994.00	\$ 34.50	\$ 12,316.50	\$ 55.00	\$ 19,635.00
40	SIDEWALK REPAIR (SPECIAL)	EACH	170.00	\$ 66.00	\$ 11,220.00	\$ 66.00	\$ 11,220.00	\$ 63.57	\$ 10,806.90	\$ 63.57	\$ 10,806.90
41	DRAINAGE AND UTILITY STRUCTURES TO BE ADJUSTED	EACH	8.00	\$ 450.00	\$ 3,600.00	\$ 570.00	\$ 4,560.00	\$ 500.00	\$ 4,000.00	\$ 800.00	\$ 6,400.00
<b>TOTALS</b>					<b>\$ 1,090,873.70</b>		<b>\$ 910,888.00</b>		<b>\$ 943,990.00</b>		<b>\$ 1,009,629.00</b>
<b>ALTERNATE</b>											
A1	HOT-MIX ASPHALT SURFACE COURSE (SPECIAL), 2.00 INCH	TON	2,529.97	\$ 74.00	\$ 187,217.78	\$ 68.75	\$ 173,935.44	\$ 73.00	\$ 184,687.81	\$ 71.00	\$ 179,627.87
A2	HOT-MIX ASPHALT SURFACE COURSE (SPECIAL), 1.50 INCH	TON	898.49	\$ 74.00	\$ 66,488.26	\$ 73.50	\$ 66,039.02	\$ 76.00	\$ 68,285.24	\$ 73.00	\$ 65,589.77
XX	CORRECTION FOR ITEM A1	TON	2,817.00	\$ 74.00	\$ 208,458.00	\$ 68.75	\$ 193,668.75	\$ 73.00	\$ 205,641.00	\$ 71.00	\$ 200,007.00
<b>TOTALS</b>					<b>\$ 274,946.26</b>		<b>\$ 259,707.77</b>		<b>\$ 273,926.24</b>		<b>\$ 265,596.77</b>
<b>TOTALS IF WARM MIX IS USED</b>					<b>\$ 1,102,952.96</b>		<b>\$ 918,354.02</b>		<b>\$ 961,704.24</b>		<b>\$ 1,009,664.77</b>
<b>To use Warm Mix Asphalt Items number 9, 10 and A1 will be eliminated and items A2 and XX will be added</b>											

# CITY OF GENEVA 2019 STREET IMPROVEMENTS COUNTY OF KANE, STATE OF ILLINOIS



STREET NAME	FROM	TO
1 BRENTWOOD COURT	NORTH END OF CUL-DE-SAC	BRENTWOOD PLACE
2 BRENTWOOD PLACE	GLENGARRY DRIVE	WEST END OF CUL-DE-SAC
3 GREENFIELD CIRCLE	GLENGARRY DRIVE	HILL ROAD
4 SUFFIELD COURT	NORTH END OF CUL-DE-SAC	HILL ROAD
5 HILL ROAD	GLENGARRY DRIVE	LONGVIEW DRIVE
6 LONGVIEW DRIVE	BRENTWOOD PLACE	HILL ROAD
7 LONGMEADOW DRIVE	LONGVIEW DRIVE	EAST SIDE DRIVE
8 SIMPSON STREET	E STATE STREET	OAK STREET
9 HARRISON STREET	DODSON STREET	EAST STATE STREET
10 WOODLAWN STREET	DODSON STREET	EAST STATE STREET
11 MCKINLEY AVENUE	GRAY STREET	CENTER STREET
12 UNION STREET	ANDERSON BOULEVARD	LOGAN AVENUE

100

**Legend**

— Resurfacing

Brian Schiber  
 Illinois registered professional engineer  
 License number: 062.050872  
 Expiration date: 11/30/2019

I HEREBY CERTIFY THAT THESE PLANS WERE  
 PREPARED UNDER MY DIRECT SUPERVISION.

**PREPARED BY:**  
 CITY OF GENEVA  
 PUBLIC WORKS DEPARTMENT  
 ENGINEERING DIVISION  
 1800 SOUTH STREET GENEVA IL, 60134  
 630-232-1501

Original base maps provided via intergovernmental agreement with Kane County  
 GIS-Technologies.  
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**CONTRACT DOCUMENTS**  
**FOR**  
**2019 STREET IMPROVEMENTS**  
**CITY OF GENEVA, ILLINOIS**

**CONTRACTOR'S NAME:** BUILDERS PAVING, LLC.  
**STREET ADDRESS:** 4413 ROOSEVELT RD, SUITE 108  
**CITY:** HILLSIDE  
**STATE:** ILLINOIS  
**ZIP CODE:** 60162

**MARCH 2019**

*(This Document has 53 Pages Total)*

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NOTICE TO BIDDERS

**Time and Place of Opening of Bids**

Complete bids shall be submitted in sealed envelopes with the words "2019 STREET IMPROVEMENTS" clearly marked on them. Bids will be received by the City of Geneva, Illinois until **10:00 a.m. on Monday; March 4, 2019** at the office of the City Administrator, located at 22 South First Street, Geneva, IL 60134, at which time the bids 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.

**Description of Work**

The 2019 STREET IMPROVEMENTS include improvements on twelve (12) different City streets. Approximately two and one half (2.5) miles of streets will be resurfaced. The improvements include Curb and Sidewalk repair, removal and replacement. On some blocks 100 percent of the curb will be removed and replaced. Trip hazards on the sidewalks shall be removed and, deteriorated sidewalks shall be removed and replaced. Union Street has five inlets to removed and replaced. The parkway will be restored with topsoil, seed and mulch. Pavement marking shall be done on various other city streets. Street signs on all twelve (12) streets will be removed and replaced.

**Bidders Instructions**

- 1) Plans and proposals will be available in the office of the Director of Public Works located at 1800 South Street Geneva, Illinois 60134-2547; Attn: C. Elton Orozco 630-232-1279. Bidders shall submit \$50.00 per each copy of the plans and specifications along with an IDOT prequalification that includes HMA Plant Mix. Contractors without the necessary IDOT prequalification will be able to pick up the bid package but only as Sub-contractors.
- 2) **Bidders shall submit two (2) complete copies of their Bids.**
- 3) All proposals shall be accompanied by a proposal guaranty equaling an amount not less than 5% of the bid amount. This guaranty may be in the form of a Bid Bond or cashier's check to the City of Geneva.
- 4) The City of Geneva, Illinois reserves the right to reject any or all bids and waive technicalities.
- 5) The quantities appearing in the summary of quantities are approximate and are prepared for comparison of bids. Payment to the Contractors will be made only for quantities of work completed & accepted and/or for materials furnished and used according to the contract. The scheduled quantities of work to be done and materials to be furnished may be increased, decreased or omitted as hereinafter provided.

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- 6) Submission of a bid is conclusive assurance and warranty that the bidder has examined the plans, specifications and understands all requirements for the performance of the work. The bidder shall be responsible for all errors and omissions in their bid package including those resulting from failure or neglect to conduct an in-depth examination of the site, the plans and the specifications. In no case will the City be responsible for any cost, expenses, losses or changes in anticipated profits resulting from any errors and omissions.
- 7) The bidder shall not take advantage of any errors or omissions in the bid documents.
- 8) Bidders may withdraw their proposal providing the bidder makes a request to withdraw their proposal in writing or in person no later than the date and before the time of the bid opening.
- 9) All employees and suppliers working on this project shall be paid no less than the prevailing wage determined by the Illinois Department of Labor at the time of the bid opening or as adjusted thereafter.
- 10) 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 the site and is aware of the requirements necessary to complete more than 50% of the work with his/her own forces and as otherwise listed in this contract. The Contractor shall comply with all applicable laws.

All Bidders shall submit a five (5%) percent bid bond, and the successful Bidder shall submit a contract bond for the full amount (100%) of his bid. In both cases the guarantor shall be a surety company dully authorized to do business in the State of Illinois. A cashier's check for the amounts listed above can be submitted in lieu of the bonds.

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

Only complete proposals which are made out upon the supplied proposal forms will be considered. The proposal forms shall not be separated from the complete set of documents.

Wherever removal is specified in this contract, the disposal of same shall be included in the unit price.

Bidders in doubt as to the true meaning of any part of the contract documents shall submit to the Engineer a written request for an interpretation thereof. The Engineer will give an interpretation of the matter in question by issuing an "Addenda" and sending same to each person receiving a set of the bid documents. Interpretations requested less than 72 hours before the scheduled bid opening does not allow enough time for a written response and will not be responded to. All Addenda shall be submitted with the proposals.

After the contract has been awarded by the City Council, the Contractor shall receive a Notice of Award. After the award, the Contractor shall then have a maximum of 15 business days to submit the necessary documentation, the Contractor may be required by the City, to furnish any or all of the following information:

- a. Performance record
- b. Information about plant or permanent place of business
- c. An itemized list of equipment
- d. Financial statement
- e. Other information showing the ability to complete the 2019 Street Improvements

A Notice to Proceed will be issued when the Contractor has submitted all the necessary documentation. No site work shall begin before the Notice to Proceed is issued and, no site work shall begin before May

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1, 2019.

Bids and Contracts shall be signed by the Contractor, partners in a Partnership, or the president of the Corporation making the submission. A proxy having Power of Attorney who can show proof that they are duly authorized to sign on the behalf of the entity making the submission may also sign the documents on their behalf. In the case of a corporation bids shall also bear the attested signature of the secretary of the corporation and the impression of the corporate seal.

The City does not guarantee the existence, non-existence, or locations of any structures, nor the character of any sub-surface material which may be shown on the plans. The inclusion of such structures or materials is based on the best data available. The City will complete soil testing on all the local streets listed in the bid documents. Bidders are allowed to review the results of this testing.

The unit prices submitted by the Contractor shall be guaranteed for more than 90 days after the bid opening.

**SPECIAL PROVISIONS  
FOR  
CITY OF GENEVA  
2019 STREET 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. All the above shall govern the construction of this project. If there are any conflicts with the above the most stringent shall apply.

**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, to current codes & Standards in a workmanlike manner, shall be included in the bid price.

**DESCRIPTION OF IMPROVEMENT**

The 2019 STREET IMPROVEMENTS shall include improvements on eleven different (11) City streets. No on site related onsite work pertaining to this project will begin before May 1, 2019. Approximately two (2.0) miles of streets will be resurfaced. The improvements include Curb and Sidewalk repair, removal and replacement. On some blocks 100 percent of the curb will be removed and replaced. Trip hazards on the sidewalks shall be removed and, deteriorated sidewalks shall be removed and replaced. Union Street has five inlets to removed and replaced. The parkway will be restored with topsoil, seed and mulch. Pavement marking shall be done on various other city streets. Street signs on all eleven (11) streets will be removed and replaced.

On the streets that will be resurfaced, typically 3.50 inches of the existing HMA pavement will be milled off and it will be resurfaced with 2.25 inch of Binder Course and 1.50 inch Surface Course. On streets having a base other than full depth PCC or HMA will need to be proof rolled after the HMA surface is removed; some locations may be marked for undercutting. The areas marked for undercutting will be removed to a depth of 12 inches minimum or as approved by the Engineer.

After the concrete work is complete on each street the Contractor shall allow enough cure time but not more than 10 working days shall pass before pavement removal starts. Exposed subbase, on all streets, that are not full depth PCC or HMA shall be paved with at least the Binder Course within 72 hours of removing the HMA surface. This requirement will be strictly enforced on streets that have aggregate base or Pozzolanic base. The existing pavement shall not be removed from any street if the amount of rain in the weather forecast will not allow for at least the first lift of asphalt to be placed before it rains. Any

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surface left exposed during a significant rain event shall be swept and all standing water shall be removed before the next lift of HMA is placed. If the subbase is left exposed to a significant rain event due to negligence or failure to follow these requirements, and additional undercutting becomes necessary due to the exposure to rain, the additional cost (labor, material and equipment) associated with this work shall be absorbed by the Contractor; no additional compensation will be allowed. Some frames and lids (or grates) shall be adjusted or replaced and some of the drainage structures will be marked for grouting. Replacements for the deteriorated frames and lids (or grates) shall be supplied by the City and the Contractor will be compensated to adjust the new frame and lids (or grates) to the correct elevation. Driveways and right-of-ways disturbed during construction shall be restored. Topsoil, fertilizer and grass seed will be used to restore all disturbed grassed area. Parkway restoration shall be done immediately after the PCC is sufficiently cured and before the HMA begins.

Sidewalks that does not warrant removal and replacement but have a trip hazard shall be repaired by cutting off the trip hazard.

Street signs on all streets scheduled for resurfacing shall be removed and replaced.

The following list shows the street and the limits off the construction location the limits of the improvements:

ITEM	STREET NAME	FROM	TO
1	BRENTWOOD COURT	NORTH END OF CUL-DE-SAC	BRENTWOOD PLACE
2	BRENTWOOD PLACE	GLENGARRY DRIVE	WEST END OF CUL-DE-SAC
3	GREENFIELD CIRCLE	GLENGARRY DRIVE	HILL ROAD
4	SUFFIELD COURT	NORTH END OF CUL-DE-SAC	HILL ROAD
5	HILL ROAD	GLENGARRY DRIVE	LONGVIEW DRIVE
6	LONGVIEW DRIVE	BRENTWOOD PLACE	HILL ROAD
7	LONGMEADOW DRIVE	LONGVIEW DRIVE	EAST SIDE DRIVE
8	SIMPSON STREET	EAST STATE STREET	OAK STREET
9	HARRISON STREET	DODSON STREET	EAST STATE STREET
10	WOODLAWN STREET	DODSON STREET	EAST STATE STREET
11	MCKINLEY AVENUE	GRAY STREET	CENTER STREET
12	UNION STREET	ANDERSON BOULEVARD	LOGAN AVENUE

**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	March 4, 2019	10:00AM @ City Hall
City Council Award	March 18, 2019	
Notice of Award	March 19, 2019	
Preconstruction Meeting	April 15, 2019	1:00 PM @ Geneva Public Works
Notice to proceed	May 1, 2019	Tentative
Substantial 95% Completion	August 5, 2019	Restoration & Punch List Remaining
100% Completion	August 26, 2019	All Punch List Items Completed

A revised general work schedules shall be submitted if the work falls behind or progresses faster than anticipated. The contractor is also 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.

Inclement 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 waive 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 and this change was determined to cause a delay such that the Contractor is not able to complete the work within the time specified in this contract, additional time will be allowed by the Engineer. However, this additional time will only be allowed to complete the additional work, unless the additional work becomes or is a controlling item.

If there is a change in construction schedule by the City, please be advised that the unit prices submitted by bidders will be binding for no less than 90 days.

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 REVIEW ALL

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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 and needs to be replaced.

This contract will be awarded in accordance with Title 1, Chapter 8, Article A, Letter 6 of the City code.

Should the Contractor fail to meet any of the completion deadlines listed above or as they have been revised, 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.

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

After the bids are opened if there is any discrepancy with the 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. During extremely high temperatures the City may allow earlier starts if requested. No work will be scheduled on Saturdays, Sundays and holidays observed by the City on Geneva and in the State of Illinois. Any work allowed outside of the approved time period listed above shall be done only if written permission is granted by the Engineer. Any work scheduled to be done on or adjacent to any State Route shall be done in accordance with IDOT's requirements. **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 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 item of work which was not marked for

removal, field measured, inspected and/or approved by the Engineer. No additional payment will be made for removal and/or replacement beyond field markings unless specifically authorized by the Engineer.

If requested the Contractor will be given three (3) copies of the plans and specifications if requested. The Contractor will be charged a \$50.00 fee for each additional copy if requested.

**The Contractor shall monitor the material for quantities being placed to assure there is no unreasonable shortage or overage. The Contractor shall be paid at the contract unit price ONLY for the allowable quantity measured in-place. 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 in the Standard Specifications unless designated otherwise in the contract documents.**

Existing frames & lids, which are discarded when a drainage structure adjustment is done, shall be disposed of by the Contractor at an offsite location. The City will supply replacement frames, lids or grates. All costs associated with the removal, the placement. The disposal of the frames & lids or grates shall be included in the price of the line item DRAINAGE AND UTILITY STRUCTURES TO BE ADJUSTED.

All saw cutting to separate that portion to be removed from that which shall remain, will not be paid for separately, and shall be included in the unit price of the item that is being removed and/or replaced.

Wherever granular material is specified in this project it is understood that recycled material for the application and gradation specified in the Standard Specifications shall be used. This material shall also be acceptable by the Engineer and it shall be supplied by an IDOT approved source.

#### **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 of Geneva to produce certain records that may be in the possession of the Contractor. Contractor shall comply with the record retention and documentation requirements of the Local Records Retention Act 5 ILCS 160/1 et seq. and the Act and shall maintain all records relating to this contract in compliance with the Local Records Retention Act and the Freedom of Information 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 two 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.

#### **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.

#### **SAFETY AND PROTECTION**

The Contractor shall be solely responsible for initiating, maintaining and supervising all safety

regulations as they pertain to this project, including the safety of, and the prevention of damage, injury or loss to:

1. All employees working on the site, the public, other persons and organizations;
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; 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. His or her name and contact information shall be submitted in writing by the Contractor to the Owner.

The Contractor shall prepare and maintain on the job site a Construction Site Safety Plan in accordance with the current Occupational Safety and Health Agency (OSHA) Standards and Procedures. The safety plan shall be acceptable to OSHA and contain the name of the individual in the employ of the Contractor responsible for the Construction Site Safety.

#### **RESTORATION LIMITS**

Compensation shall not be allowed for restoration of disturbed areas outside the construction limits or disturbed areas within the construction limits that were not approved by the Engineer. **Prior to placing the Topsoil, it shall be the responsibility of the Contractor to remove all deleterious material, construction debris and garbage.** After the topsoil is placed, the seed 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 and until the grass has sufficiently grown. Prior to seeding and mulching, if weeds germinate, it shall be the responsibility of the Contractor to remove the weeds and all other deleterious material prior to seeding and mulching or as directed by the Engineer.

No topsoil shall be dumped on the roadway after pavement removal is complete or after the roadway has been paved with the first lift of asphalt.

#### **BASE CLEANING**

Prior to applying the bituminous prime coat and/or paving, the existing base shall be mechanically swept cleaned of all dust, dirt, weeds, and other harmful materials to the satisfaction of the Engineer.

All loose HMA remaining from the pavement removal or the paving of the roadway shall be removed to the satisfaction of the Engineer. This work is considered to be included in the price of the HMA Surface Removal item. Removal of pieces of asphalt and millings left behind by the milling machine by sweeper or other means is not considered Preparation of Base.

#### **DELIVERY OF PROPOSALS**

On or before the bid opening date and time specified in the Notice to Bidders, sealed bids shall be received at the City Administrator's office located in City Hall at 22 South First Street, Geneva, Illinois 60134-2547. Bids that are not received on time and in the specified format will not be accepted.

#### **INTERPRETATION OF BID DOCUMENTS**

Bidders' questions on the intent or meaning of the bid documents shall be submitted in writing. 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. If necessary, the Engineer will respond in writing to the questions in the form of an addendum which will be submitted to all bid holders and made publicly available for inspection at the City of Geneva, Public Works Department; 1800 South Street, Geneva, Illinois. Only questions answered in writing will be binding. Oral interpretations or clarifications will be without legal effect.

#### **EXECUTION OF THE CONTRACT**

The bidder 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. Work shall not start, there shall be no mobilization and 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 Proposal Guaranty.

**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 in so far as they apply.

#### **BIDDER QUALIFICATIONS AND REQUIREMENTS**

Construction companies with pre-qualifications by Illinois Department of Transportation for a working limit of more than the quantities listed in his proposal (with no restrictions) who also can complete more than 50% of the work with their own forces will be eligible for bidding as the Contractor.

**The two apparent low bidders will be required to file within 24 hours after the letting an "Affidavit of Availability" (Form BC 57) in triplicate.** All uncompleted contracts awarded to them, low bids pending award for Federal, State, County, Municipal, and private work shall be listed on this affidavit. A copy of this affidavit when completed may be sent electronically, but an original shall be mailed to the City of Geneva, Public Works Department, 1800 South Street, Geneva, Illinois 60134-2547 immediately thereafter.

#### **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 shall 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. The issuance of payments for work performed by the subcontractor shall in no way lessen the responsibilities of the Contractor.

The City reserves the right to discount, withhold, and deny final payment in part or the whole for failure to complete the work according to applicable Standards and as specified in this contract.

In the event that the Contractor does not pay for damages to property or outstanding fines levied 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**

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

A Geotechnical Engineering firm will be contracted by the City to do the Quality Assurance (QA) for the City on all Hot-Mix Asphalt and Portland Cement Concrete mixes delivered on site. The Contractor shall notify the Engineer at least 48 hours prior to material deliveries so the necessary QA testing can be scheduled. The Contractor can use any qualified Geotechnical firm or its own qualified staff for Quality Control (QC). Copies of their reports shall also be submitted to the City.

### **CONSTRUCTION SCHEDULE**

At the preconstruction conference, the Contractor shall submit, a written and detailed construction schedule. He/she shall list starting and completion dates, location of off-site disposal site and location of equipment and material storage. 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. Changes to the work schedule of more than two weeks will require the Contractor to submit a revised work schedule.

If an exact start date is not set at the preconstruction meeting, the Contractor shall submit one to the Engineer no more than 72 hours after the preconstruction meeting and prior to the start of any site work.

The Contractor shall schedule the removal and replacement of curb, sidewalk, driveways and the restoration of the parkway before the existing HMA Surface Course removal starts.

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 include the cost to furnish, erect, remove, and maintain all construction signs, barricades and other traffic control devices. TCP also includes certified Flaggers to control the flow of traffic when needed. All flaggers in non-emergency situations shall be certified. Flaggers in emergency situations who are not certified shall be replaced by certified Flaggers as soon as possible. At the pre-construction meeting the Contractor shall supply the City with a current list of names of their employees who have been certified as Flaggers who will be working on this project. All means necessary to ensure public and employees' safety shall be employed.

Disturbed areas in the RIGHT-OF-WAY that are deemed unsafe shall not be left unprotected over night. 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.

Any road or section of road that is open to vehicular traffic shall also provide access to the driveways except when PCC is being poured through the driveway. FORM BOARDS FOR PCC POURS THROUGH DRIVEWAYS SHALL NOT BE PLACED MORE THAN TWENTY-FOUR (24) HOURS PRIOR TO THE POUR. If the time between PCC removal and replacement within the driveway or walk way will be more than 24 hours the Contractor will be required to place planks or stone to allow access. After the PCC in the driveway is poured, access shall not be given to vehicular traffic for a minimum of 72 hours. The Contractor is responsible to deliver to the City sidewalks, driveways and curbs that are not

defaced and are free of damage and cracks, therefore additional curing time is allowed. This additional curing time shall be within the guidelines established by the engineer.

The Engineer shall provide a written punch list to the Contractor when the project is 95% complete or 21 calendar days prior to the scheduled completion date. Upon receipt of the punch list, the Contractor will have a minimum of 21 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 takes delivery of material and/or equipment on site, he/she shall assume responsibility for the normal maintenance of the existing RIGHT-OF-WAY within the construction limits and the ingress and the egress where there is construction activity. This includes the staging area and/or any adjacent streets used to park, load, or unload construction equipment. Normal maintenance includes repair work deemed necessary by the Engineer because of any damage caused by the Contractor's activities or the movement of material and/or equipment but shall not include snow and ice removal.

The Contractor shall be responsible to sweep and clean the roadway to the satisfaction of the Engineer during the construction process. Surplus material shall be stock piled or stored at the designated staging area or at a site allowed by the Engineer but shall not be left on the street indefinitely. If the streets are not kept free of construction debris, the Engineer may direct the Contractor to stop all other work and clean the street(s).

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 included; 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 to the owners' satisfaction

before the final payment is released.

**The Contractor shall make a final passing on each street with a sweeper after all construction activities are complete and before the City accepts the project as complete.**

#### **PAVING ACTIVITY**

Prior to placing the HMA Surface Course, the entire road surface shall be swept with a mechanical sweeper meeting current standards. Any residual deleterious material shall be removed with a shovel before it is primed. Before applying Prime Coat, the Engineer shall be notified and allowed time to inspect it. If in the opinion of Engineer the roadway is not sufficiently cleaned the Contractor shall wash down the roadway and allowed to dry before the Prime Coat is applied. No additional compensation shall be allowed for the cleaning of the roadway or the disposal of the material from the sweeper. The City will supply the water to wash the roadway down if necessary.

Along the centerline of the roadway, hand working of the asphalt with a rake, lute, or other hand tools shall be kept to a bare minimum. The asphalt along the centerline and edges shall not be spread or pushed on top of or over the fresh mat but shall be placed in such a manner that on the second pass enough material is placed along the longitudinal joint to properly close it.

#### **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.

#### **NOTIFICATIONS**

The Contractor shall not close any portion of any street to vehicular and/or foot traffic prior to notification and consent of the Engineer. If the street will be closed to vehicular traffic, the emergency dispatch (630-232-4739) shall also be notified. In non-emergency situations this notice shall be sent at least twenty-four (24) hours in advance. In cases of emergency the Contractor shall immediately notify emergency dispatch and then the Engineer.

In cases where an elderly or physically challenged person needs access, the Contractor shall allow ingress and egress within a reasonable distance and shall maintain this access or facilitate the residents' ingress and egress as needed or as is possible. If it is practical and will minimize the time an elderly or physically challenged resident will not have access, the Contractor shall pour their driveway, sidewalk and/or curb in two pours. The other option would be to pour it before other driveways. The cost to comply with the terms of this requirement shall be included in the cost of the contract.

The Contractor shall provide business owners and motorists twenty-four (24) hours advance notice of

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parking restrictions with appropriate signs and/or barricades this will be paid for under line item TRAFFIC CONTROL AND PROTECTION. The City will supply the Contractor with notices to be handed out to residents and business owners on the streets and adjacent streets with the zone of influence of the public improvements.

**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 typically will not stop and the streets will not be closed unless approved otherwise by the Engineer.

**CLEAN CONSTRUCTION AND DEMOLITION DEBRIS**

The Contractor shall excavate a minimum amount of material from behind the curb, and if necessary, no more than three inches along sidewalks to allow only enough space for forming. This excavated material may be reused on this job. If the Contractor chooses to reuse this material, it shall be capped with pulverized topsoil and restored per the plan and specifications.

The City will complete Geotechnical work at random locations on each street. The results will be available at the Department of Public Works on 1800 South Street in Geneva.

If any material is found to be contaminated preventing disposal as Clean Construction and Demolition Debris (CCDD), these locations shall be identified before removal by the Contractor. It shall be reused on site when possible. It shall be the responsibility of the Contractor to handle any contaminated material per current CCDD requirements to prevent any further contamination. Once contamination has been identified and verified, its removal and disposal shall be paid for per Section 109.04 of the Standard Specifications. Failure to properly notify the Engineer prior to removal of the contaminated material it shall result in no compensation to the Contractor for the disposal of the material if a load is rejected by a CCDD facility.

**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 waste water treatment plant or at a hydrant at Public Works. 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 City of Geneva Department of Public Works, and the deposit will be returned. During periods of drought or high demand for potable water, or as the Engineer deems necessary, the Contractor may be directed to only use Gray Water from the wastewater treatment plant. If the Contractor is directed to use gray water from the waste water treatment plant, he will need to truck the water to the construction site.

The Contractor may choose to use gray water for the entire project. All costs associated with this 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 is within the zone of influence of the construction operations. The contractor shall immediately relocate all mailboxes and regulatory signs at temporary locations approved by the Engineer and in accordance with applicable requirements in Section 107.20 of the Standard Specifications. The temporarily placed signs shall be secured such that they will not fall over and endanger the public. Some street signs will be marked for removal and replacement as part of this contract.

As soon as construction operations permit, the Contractor shall reset the mailboxes and replace the 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 have been damaged by the Contractor's operation. All street signs shall be placed according to the MUTCD.

**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. Special care shall be taken when saw cutting of the curb and sidewalk that sprinkler systems and invisible dog fences are not damaged in the process. These items are usually buried along the edges of sidewalks and behind curbs in the RIGHT-OF-WAY.

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 foreign material that will 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 that will cause a conflict, he shall inform the Engineer. 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.

#### **CONCRETE BREAKERS**

When removing pavement, curb and gutter, shoulder and/or any other structures it shall be saw cut full depth and removed without the use of any type of concrete breakers or force that is likely to cause damage to underground utilities.

#### **SUBBASE GRANULAR MATERIAL, TYPE B**

##### **WORK DESCRIPTION:**

This work shall consist of furnishing, placing, and compacting an approved granular material within the allowed limits on a subgrade that has been prepared. This granular material may be recycled material with a gradation allowed by the Standard Specifications. The supplier shall be an IDOT approved source and the gradation shall be acceptable to the City. This work shall be done in accordance to Section 311 of the Standard Specifications. Any location where additional excavation is approved by the Engineer, aggregate used a backfill shall be paid for under this item.

##### **METHOD OF MEASUREMENT:**

This work shall be measured in place for payment in cubic yards.

##### **BASIS OF PAYMENT:**

This work will be paid for at the contract unit price per cubic yard for SUBBASE GRANULAR

MATERIAL, TYPE B, which price shall include all labor, materials, incidentals and equipment necessary to complete the work to current standards and in a workmanlike manner.

**AGGREGATE BASE REPAIR, 12 INCH**

**WORK DESCRIPTION:**

This work consists of repairing and preparing an area of the aggregate base the location of which will be designated by the Engineer. Following the removal of the existing pavement, the area will be proof rolled in the presence of the Engineer to determine the extent of the necessary repair. This work shall include removal, disposal, and compaction of the subbase. The new aggregate shall be placed in lifts not greater than 6.00 inches each and compacted to the density requirements of Section 301 of the Standard Specifications by the use of a mechanical compactor. If the subgrade is too dry such that compaction cannot be attained, water may be added. After this, the Engineer may request a final proof roll of the area. The work shall be done in accordance with the applicable portions of Section 358 of the Standard Specifications

**METHOD OF MEASUREMENT:**

This work shall be measured in cubic yards (See Article 202.07(b)).

**BASIS OF PAYMENT:**

The work will be paid for at the contract unit price per cubic yard for AGGREGATE BASE REPAIR, 12 INCH, which price shall include all equipment, labor, material and incidentals necessary to complete this work to current standards and in accordance with these special provisions and the Standard Specifications.

**BITUMINOUS MATERIALS (PRIME COAT)**  
**AGGREGATE (PRIME COAT)**

**WORK DESCRIPTION:**

The Contractor shall remove all dust, dirt and all deleterious material from the surface with a mechanical vacuum sweeper before the prime or tack coat is applied. At no time will the Contractor use a blower to remove the dust from the pavement. The Contractor shall protect the motoring public, adjoining pavement, curbs, or structures during the application of the bituminous materials prime coat. After application, the truck shall then be weighed again in order to determine the net weight of the prime coat that has been placed. FRESH OIL signs shall be installed in advance of the area to be primed with bituminous materials and shall be maintained until the prime coat is adequately cured. This work shall (both items) be done in accordance with Sections 403, 406, 408, 1032.02 and any other applicable Sections of the Standard Specifications. Please see the attached Hot Mix Asphalt – Prime Coat (BDE).

Close attention shall be placed on Article 406.02

**METHOD OF MEASUREMENT:**

This work shall be measured for payment as specified in Article 1032.02.

**BASIS OF PAYMENT:**

This work will be paid for at the contract unit price per pound for BITUMINOUS MATERIALS (PRIME COAT) and per ton for AGGREGATE (PRIME COAT) which price shall include all labor, equipment, materials, and incidentals necessary to complete the work to current standards.

**HMA BINDER COURSE, IL-19.0, N50, 1.50 INCH**  
**HMA SURFACE COURSE, MIX-D, IL-9.5mm, N50, 2.25 INCH**

**WORK DESCRIPTION:**

The work consists of designing, producing, supplying and constructing HMA Binder and Surface courses on a prepared base. The work shall be done according to Section 406 of the Standard Specifications. The mix supplied shall be an IDOT approved mix for the application it is being used. The roadway shall be kept open to traffic according to Article 701.17(c) (3). Prime coat shall be applied to the base at the rate designated elsewhere in the special provisions. 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. Surface testing of the new asphalt shall be done at the Engineer's discretion if it is determined that the pavement does not meet the requirements of Article 406.11. The HMA Binder Course shall be placed no more than 72 hours after the pavement has been milled.

**METHOD OF MEASUREMENT:**

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

**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, N50 (IL-9.5 mm), which price shall include all labor, equipment, materials, and incidentals necessary to complete the work to current standards and in a workmanlike manner.

**HOT-MIX ASPHALT SURFACE COURSE, (SPECIAL), 1.50 INCH**  
**HOT-MIX ASPHALT SURFACE COURSE, (SPECIAL), 2.00 INCH**

**WORK DESCRIPTION:**

The work consists of designing, producing and constructing Warm Mix Asphalt (WMA). This item is included as an alternate but the City may choose to use it on all streets listed in the contract. This work shall be done in accordance with Sections 406, 407, 408, 1030, and 1102 in so far as they apply. Any reference to HMA in the Standard Specifications for this pay item shall be construed to include WMA.

This material shall be produced with the same properties and proportions as HMA SURFACE COURSE, MIX-D, IL-9.5mm, N50, except that WMA technologies shall be applied. This material shall be produced and placed at temperatures between 215°F and 275°F. WMA technologies, defined here as the use of additives or processes that allows the production and placement of this material at lower temperatures. Minerals, chemicals or organics shall be incorporated into the asphalt binder stream in a

dedicated delivery system, maintaining correct proportions according to the supplier's recommendations. The design shall be approved by the Engineer and the mix supplied shall be an IDOT acceptable mix for the application. Please see the attached BDE starting on page #48 of this special provision.

The roadway shall be kept open to traffic according to Article 701.17(c) (3). Prime coat shall be applied to the base at the rate designated elsewhere in the special provisions. The HMA shall be placed when the temperature in the shade is at least 45° F and rising. Surface testing of the new asphalt shall be done at the Engineer's discretion if it is determined that the pavement does not meet the requirements of Article 406.11.

**METHOD OF MEASUREMENT:**

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

**BASIS OF PAYMENT:**

The item will be paid for per ton of HOT-MIX ASPHALT SURFACE COURSE (SPECIAL), 1.50 INCH and/or HOT-MIX ASPHALT SURFACE COURSE (SPECIAL), 2.00 INCH which price shall include all labor, equipment, materials, and incidentals necessary to complete the work to current standards and in a workmanlike manner.

**PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH**  
**PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH**  
**PORTLAND CEMENT CONCRETE SIDEWALK, 7 INCH**

**WORK DESCRIPTION:**

This work shall consist of constructing PCC Driveway Pavement, 7", PCC Sidewalk, 5" or PCC Sidewalk, 7" in accordance with Sections 423 and 424 of the Standard Specifications. Expansion joints for PCC driveways shall be installed at the abutment with the curb for the width of the driveway. Expansion joints for sidewalks shall be placed as specified in the Standard Specifications. A curing compound shall be applied per the manufacturer's requirements. All costs associated with the regrading of material required to adequately construct these pay items shall be included in the cost of the sidewalk or driveway from which the regrading was done. Any earth excavation needed to construct new sidewalk will be paid separately. All aggregate needed to regrade the base to the necessary grade will be paid for as SUBBASE GRANULAR MATERIAL, TYPE B.

**METHOD OF MEASUREMENT:**

Driveways will be measured for payment per square yard, and sidewalk will be measured per square feet in accordance with the Standard Specifications.

**BASIS OF PAYMENT:**

This work shall be paid for at the contract unit prices per square yard for PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH; per square feet for PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH and PORTLAND CEMENT CONCRETE SIDEWALK, 7 INCH, which price shall include all labor, equipment, materials, and incidentals required to complete the work to current standards and in a workmanlike manner.

**DETECTABLE WARNINGS**

**WORK DESCRIPTION:**

Detectable warnings shall consist of a surface of truncated domes meeting the current requirements of the Section 424 of the Standard Specifications, the ADAAG, and the details in the plans. The truncated domes shall be arranged in the direction of travel in a rectangular pattern. Furthermore, they shall be installed according to the manufacturer's specifications. They shall be placed at all curb ramps, medians, pedestrian refuge islands, railroad crossings, and any other locations where pedestrians are required to access or cross a hazardous vehicular way and at any locations designated by the Engineer.

The product and method used to install detectable warnings shall come with the following documents and shall be approved by the Engineer prior to use.

- a) Manufacturer's certification stating the product is fully compliant with the ADAAG
- b) Manufacturer's 5-year warranty.
- c) Manufacturer's specifications stating the required materials, equipment, and installation procedures.

**METHOD OF MEASUREMENT:**

This work shall be measured for payment per square foot in accordance with the Standard Specifications.

**BASIS OF PAYMENT:**

This work shall be paid for at the contract unit price per square foot for DETECTABLE WARNINGS, which price shall include all labor, equipment, materials, and incidentals required to complete the work to current standards and in a workmanlike manner.

**HMA SURFACE REMOVAL, 1.75 INCH**

**HMA SURFACE REMOVAL, 3.50 INCH**

**WORK DESCRIPTION:**

This work shall consist of saw cutting the pavement to a depth not to exceed 4 inches at the construction limits, removing and disposing of the existing Hot-Mix Asphalt by cold milling, and the construction of temporary ramps at each joint. The temporary ramps shall be constructed according to Article 406.08(a). The Hot-Mix Asphalt (HMA) ramps shall be constructed immediately after the milling is complete and shall extend across the entire width of the pavement at all the construction limits. All cost associated with this work will be included in the cost of this item with the exception of the HMA material placed at the ramps. HMA material used to construct ramps at the butt ends shall be paid for per TON for HOT-MIX ASPHALT BINDER COURSE, MIX D, N50 (IL-9.5 mm). The temporary ramps shall be completely removed before the binder course is placed. Placing HMA tailings from the cold milling process will not be an acceptable alternative for construction of temporary ramps. The square yards of HMA Surface Removal will only be paid for once regardless if more than one pass is made to remove the pavement to the specified depth.

Along the face of curb, the pavement surface will typically be milled down to the depth specified by these pay items (3.50" and 1.75"). The relative depth of the milling will vary depending on the elevation differential between the edge of pavement and that of the gutter flag. The finish surface course shall be typically 0.25 inch above the face of the curb. The elevation of the face of curb will not be used as the only means by which the pavement thickness will be established. Inconsistencies along the face of the curb shall not translate onto the edge of pavement causing unacceptable variations along the edge of pavement. The Contractor shall be responsible for protecting the curb and gutter from damage. If the Contractor, due to negligence, damages any existing curb, it shall be replaced to the satisfaction of the Engineer at the Contractor's expense. Repairs will include complete removal and replacement of the damaged section of curb/gutter the length of which shall be decided by the Engineer. In all cases of said repair, the length of section to be removed shall be a minimum of five (5) feet. This work shall be done in accordance with Section 440 of the Standard Specifications except as specified otherwise in the Special Provisions. All material from the milling operation shall be completely removed from the roadway as one operation with the pavement milling operation. This material will be left to remain on the street and shall be loaded onto a truck as it is swept up or picked up.

**METHOD OF MEASUREMENT:**

This work shall be measured for payment in place and the area computed in square yards in accordance with the Standard Specifications.

**BASIS OF PAYMENT:**

This work will be paid for at the contract unit price per square yard for HMA SURFACE REMOVAL, 1.75 INCH or HMA SURFACE REMOVAL, 3.50 INCH, which price will include all labor, equipment, materials and incidentals necessary to complete the work to current standards and in a workmanlike manner.

**DRIVEWAY PAVEMENT REMOVAL**

**WORK DESCRIPTION:**

This work shall consist of removing driveway (HMA and PCC) pavement in accordance with applicable requirements of Section 440 of the Standard Specifications. The Contractor shall saw cut the existing driveway (full depth) at the locations marked by the Engineer. All costs related to the disposal of the spoils shall be included in this unit price. During the removal process the Contractor shall not cause the edges of remaining section of the driveway to crack, spall or become damaged. If this happens the Contractor shall, at his own expense, remove an additional portion of the remaining driveway to cut out the cracked, spalled or damaged portion before repaving. If the damage is such that a significant portion of the remaining driveway needs to be removed the additional removal shall be done at the Contractors expense; no additional compensation shall be allowed.

After the driveway pavement is removed, the granular sub-base shall be compacted before repaving the driveway. No material shall be stockpiled in the roadway or on the street adjacent to the driveway.

Driveways shall be replaced within 72 hours after removal. Any existing pavement damaged outside the removal limits shall be replaced to the satisfaction of the Engineer at the Contractor's expense.

**METHOD OF MEASUREMENT:**

This work shall be measured for payment for each square yard in accordance with the Standard Specifications.

**BASIS OF PAYMENT:**

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

**SIDEWALK REMOVAL**

**WORK DESCRIPTION:**

This work shall be done in accordance with applicable requirements of Section 440 of the Standard Specifications. It will include saw cutting across the sidewalk to separate the sidewalk to be removed from the sidewalk that will remain in place. Saw cutting the joints and the disposal of the spoils shall be included in the contract unit price of this item. The Contractor shall protect the parkway from unnecessary damage and rutting while removing the sidewalk. All material to be removed shall be loaded immediately onto a truck and disposed of off the jobsite. At no time shall the Contractor place the material to be removed on the jobsite.

**METHOD OF MEASUREMENT:**

This work shall be measured for payment per square foot in accordance with the Standard Specifications.

**BASIS OF PAYMENT:**

This work shall be paid for at the contract unit price per square feet of PCC SIDEWALK REMOVAL, which price shall include all labor, materials, incidentals and equipment necessary to complete the work to current standards and in a workmanlike manner.

**INLETS, TYPE A, TYPE 11 FRAME AND GRATE**

**WORK DESCRIPTION:**

This work consists of the removal and placement of storm Inlets, Type-A. All pipes into and out of the drainage structure shall be reconnected using Non-Shear couplings. The Contractor shall remove the minimum amount of each pipe connected to the drainage structure. The replacement pipes shall be Class-B TYPE-II of equal diameter.

**METHOD OF MEASUREMENT:**

This work shall be measured for payment per each Inlet Type-A.

**BASIS OF PAYMENT:**

These items shall be paid for at the contract unit price per each INLETS, TYPE A, TYPE 11 FRAME AND GRATE, which price shall include all labor, equipment, material, and incidentals necessary to complete the work to current standards.

**COMBINATION CONCRETE CURB & GUTTER, TYPE B6.12**

**WORK DESCRIPTION:**

This work consists of the construction of Combination Concrete Curb & Gutter, Type B6.12 using a curb machine. Additional granular material used to backfill locations that where undercutting will be paid for as SUBBASE GRANULAR MATERIAL, TYPE B.

The Contractor shall schedule an inspection by the Engineer before the curb is poured. The Contractor will not be compensated for any curb poured on a base that was not approved by the Engineer.

The proposed curb and gutter shall be depressed across all handicapped ramps meeting all requirements of the Americans with Disabilities Act (ADA).

The curb and gutter shall have control joints placed at intervals not less than 10 ft. or more than 15 ft.; ¾ inch expansion joints shall be placed approximately every 100 feet but shall not exceed 150 feet, five (5') feet on each side of all drainage structures and at each end where the new curb abuts existing curb. At the abutment of the old and new curb the Contractor shall place dowel bars according to the current IDOT Standard (attached).

**METHOD OF MEASUREMENT:**

This work shall be measured for payment per linear foot along the flow-line of the curb.

**BASIS OF PAYMENT:**

This work shall be paid for at the contract unit price per linear foot of COMBINATION CURB & GUTTER, TYPE B6.12, which price shall include all labor, equipment, materials and incidentals necessary to complete the work to current standards and in a workmanlike manner.

**SIGN PANEL – TYPE 1**

**WORK DESCRIPTION**

This work shall consist of fabricating, furnishing, and installing sign panels, complete with sign faces, legend and supplemental panels, in accordance with the applicable portions of Section 720 of the Standard Specifications and the MUTCD in so far as they apply. The sheathing shall be the retroreflective Avery Dennison OmniCube. Each street name signs shall be two (2) single side sign panels mounted to opposite sides of the support pole.

Each sign panel shall have “COG” along with the current month and year shown as two digits (COG/MM/YY) on each sign face.

**METHOD OF MEASUREMENT**

The work shall be measured for payment in square foot according to Article 720.06 of the Standard Specifications.

**BASIS OF PAYMENT**

This work shall be paid for according to Article 720.07 and at the contract unit price per square foot for SIGN PANEL – TYPE 1.

**REMOVE SIGN PANEL ASSEMBLY – TYPE A**

**WORK DESCRIPTION**

The Contractor shall remove and dispose of all sign assemblies marked for removal and as instructed by the Engineer. This work shall be done in accordance with Article 724.02 of the Standard Specifications.

**METHOD OF MEASUREMENT**

The work shall be measured for payment per each sign panel removed.

**BASIS OF PAYMENT**

This work shall be paid for per each REMOVED SIGN PANEL ASSEMBLY – TYPE A. This price shall include all labor, equipment, materials and incidentals necessary to complete the work as specified herein.

**TELESCOPING STEEL SIGN SUPPORT**

**WORK DESCRIPTION**

The Contractor shall furnish and install the telescoping steel sign supports in accordance with the MUTCD and Section 728 of the Standard Specifications; special attention shall be placed on Article 728.04(b). All parts of Article 728.04(b) shall apply except that the base section shall be 2.0" X 2.0", the top section shall be 1.75" X 1.75" and the base section shall be driven into the ground a minimum of 4.0 feet.

**METHOD OF MEASUREMENT**

The work shall be measured for payment per foot according to Article 728.05 of the Standard Specifications.

**BASIS OF PAYMENT**

This work shall be paid for according to Article 728.06 of the Standard Specifications and at the contract unit price per foot for TELESCOPING STEEL SIGN SUPPORT which price shall include all labor, equipment, materials and incidentals necessary to complete the work as specified.

**GROUT REMOVAL AND REPLACEMENT**

**WORK DESCRIPTION:**

This work consists of the removal of loose grout and/or dirt from around the inside of the Inlets as needed; measuring down from the top of the structure to a depth not more than two (2') feet. After all

loose grout is removed, new grout shall be used to fill the voids. This work shall be done after the surface course has been paved but the grout shall NOT be mixed directly on the new pavement and the new pavement shall protect the pavement from all spills. Excess grout or spoils will not be placed on or left in the parkway, in the curb line, or on the sidewalk.

**METHOD OF MEASUREMENT:**

This work shall be measured per each item at locations marked by the Engineer.

**BASIS OF PAYMENT:**

This item shall be paid for at the contract unit price per each inlet and/or manhole where GROUT REMOVAL AND REPLACEMENT was completed, which price shall include all labor, equipment, material, and incidentals necessary to complete the work as described herein.

**BRICK PAVER, STONE AND MASONRY PLACEMENT, OR REMOVAL AND RE-PLACEMENT**

**WORK DESCRIPTION:**

This work consists of the placing of new pavers or removing & re-placing existing brick pavers and stones at various locations. Where new brick pavers and masonry is scheduled to be placed (eg. at the southeast corner of Campbell Street and Second Street) the City will supply the brick pavers / masonry or stone. At locations where pavers exist, they shall be removed and kept for re-use. If the dimensions are not specified in the contract documents, the Engineer shall mark the area to be removed and replaced. The base shall be graded and recompact mechanically then regraded with fine aggregate supplied by the Contractor. The pavers, stones or masonry when placed at grade shall be placed or re-placed in such manner to encourage positive drainage. They shall be placed to match the existing pattern or as specified in the contract documents. Fine aggregate shall be added to the joints and compacted. It will be the Contractor's responsibility to protect the pavers or stones for reuse keeping in mind the difficulty in replacing older pavers and stones where a matching color and/or style is no longer manufactured or available. The placement of the masonry wall at the southeast corner of Second Street and Campbell Street shall be completed under this pay item with the City supplying the masonry blocks. The removal of the existing concrete wall, the necessary over dig and the aggregate needed shall all be paid for separately.

**METHOD OF MEASUREMENT:**

This work shall be measured for payment per square foot for the face area.

**BASIS OF PAYMENT:**

This work shall be paid for at the contract unit price per square foot for BRICK PAVER, STONE, MASONRY PLACEMENT, OR REMOVAL AND RE-PLACEMENT, which price shall include all labor, equipment, materials, and incidentals necessary to complete the work to current standards and as described herein.

**CURB REMOVAL AND REPLACEMENT**

**WORK DESCRIPTION:**

This work consists of the spot removal, disposal, and replacement of curb and gutter on streets specified by the Engineer. The ends of the remaining curb shall be drilled and smooth dowel bars placed according to the standards included in this contract. An epoxy compound or approved grout shall be used to secure the dowel bars in place. If there are no expansion joints within 100 feet of the location of curb removal and replacement, an expansion joint shall be installed on at least one end of the section of curb to be replaced. No section of curb removed shall be less than five (5') feet in length.

Before the proposed curb is placed, minor grading, germane to this item, may be needed to ensure a minimum depth of proposed curb can be placed. The replacement of acceptable granular material below the curb shall be considered included in the cost of curb removal and replacement. If unsuitable material must be removed prior to placement of the granular material and/or curb, it shall be paid for under the item EARTH EXCAVATION. The additional granular material needed to fill the excavated area shall be paid for under the SUBBASE GRANULAR MATERIA, TYPE B.

It will be the responsibility of the Contractor to protect the new curb from the weather and from vandalism. Any portion of the curb that the City does not accept shall be removed and replaced by the Contractor and no additional compensation will be allowed to replace it.

The new curb and gutter constructed shall match the existing curb type and elevation. The flow line shall encourage positive flow. All curb and gutter shall be depressed across all curb ramps, driveways, and as directed by the Engineer.

**METHOD OF MEASUREMENT:**

This work shall be measured for payment per linear foot of curb along the flow line in accordance with the Standard Specifications.

**BASIS OF PAYMENT:**

This work shall be paid for at the contract unit price per foot of CURB REMOVAL AND REPLACEMENT, which price shall include all labor, equipment, materials and incidentals necessary to complete the work to current standards and as described herein.

**TRAFFIC CONTROL AND PROTECTION**

**WORK DESCRIPTION**

Under this item traffic control shall be provided for all streets and locations listed in the Special Provisions. The Contractor shall furnish personnel and all devices needed.

Section 700 and Section 107 of the Standard Specifications with special attention to Article 107.09 in so far as they apply.

The Contractor shall contact the Engineer at least **72 hours** before beginning work.

City of Geneva  
2019 Street Improvements

The Contractor shall be required to use the latest version of the highway standards listed in the plan set as traffic conditions / working conditions warrant, and also the following if necessary:

- Public Convenience and Safety (District 1) Traffic Control Plan
- Aggregate Surface Course for Temporary Access
- Temporary Information Signing

District One Standard Details:

- TC-10 Traffic Control & Protection for Side Roads, Intersections & Driveways
- TC-13 District One Typical Pavement Markings
- TC-18 Signing for Flagging Operations at Work Zone Openings

#### METHOD OF MEASUREMENT

Traffic Control and Protection shall be measured for payment as a 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, materials, transportation, to place maintain and removal as needed and incidentals necessary to complete the work to current standards and in a safe manner.

### PARKWAY RESTORATION

#### WORK DESCRIPTION:

This work consists of the furnishing and placing of topsoil, seed, fertilizer, and hydraulic mulch. 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 top of the adjacent curb, sidewalk, or driveway. To minimize the amount of material removed, the excavated material removed from the site can be reused to fill all voids. Reused topsoil shall be capped with pulverized topsoil. All disturbed grassed areas will be restored under this item.

No Sodding will be used in this contract. Instead, grassed areas will be restored by planting Class 1, Lawn Mixture grass seed. 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 grass will be allowed if in the Engineers opinion the existing turf was not excessively disturbed.

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 2000 pounds of mulch and not less than 2000 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, no foot or vehicular traffic, over the mulched area is will be allowed. If Contractor's equipment or personnel displaces mulch, it shall be repaired or replaced at Contractor's expense, in a manner satisfactory to the Engineer.

**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.

**SUPPLIMENTAL WATERING**

**DESCRIPTION:**

Supplemental Watering will be done in accordance with Section 252 of the Standard Specifications in so far as it applies. Special attention shall be placed on Article 252.09 of the Standard Specifications. It shall be applied at a rate no less than 3 gal/sq yd and as often as directed by the Engineer. The water needed for this pay item shall be supplied by the City and the Contractor shall be directed to the source.

**METHOD OF MEASUREMENT:**

This work shall be measured for payment in units of 1,000 gallons each.

**BASIS OF PAYMENT:**

This work shall be paid for at the contract unit price per unit for SUPPLIMENTAL WATERING, which price shall include all labor, equipment, materials and incidentals necessary to complete the work per the current standards and as described herein.

**HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 4 INCH**

**DESCRIPTION:**

This work shall consist of the replacement of hot-mix asphalt (HMA) driveways with the HMA Surface Course specified in this bid document at the locations and matching the in-place, compacted thickness' up to 4 inches.

Driveway shall be paved within 72 hours after removal. There shall be positive drainage after the driveway is complete. Any pavement damaged outside the removal limits allowed shall be replaced to the satisfaction of the Engineer at the Contractor's expense.

**METHOD OF MEASUREMENT:**

This work shall be measured using the method of averages for payment per square yard.

**BASIS OF PAYMENT:**

This work shall be paid for at the contract unit price per square yard for HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 4 INCH, which price shall include all labor, equipment, materials and incidentals necessary to complete the work to current standards and as described herein.

**SIDEWALK REPAIR (SPECIAL)**

**WORK DESCRIPTION:**

The work consists of saw cutting sidewalk to remove trip hazards at locations meeting each of the following criteria. The method employed to remove sidewalk trip hazards by Precision Concrete Cutting / Safe Step (see [www.safesidewalk.com](http://www.safesidewalk.com)) to remove sidewalk trip hazards or an equal method approved by the Engineer will be used to perform this work. No grinding of sidewalks will be allowed.

**Sawing Criteria**

1. Sidewalk squares with elevation differences between 3/8 inch and 1 ¼ inch.
2. The Contractor shall submit a list to the Engineer identifying all sidewalk squares that had elevation differences that are greater than 1¼ inch or that are cracked and/or deteriorated and could not be repaired.
2. Sidewalk squares that contain a single crack with an elevation difference per the above criteria.
3. If saw cutting is needed at curb ramps either the curb or the sidewalk can be cut providing that after the cutting the flow line of the curb drains in a positive direction and the back of the curb is sloped in such a way that there is positive drainage across the curb to the flow line.
4. The Contractor shall not perform sawing on sidewalk that meets or exceeds the following deterioration levels and shall include them on the list in Item#2 above:
  - a. Spalling of more than 25% of the sidewalk surface.
  - b. Opened cracks greater than 1/8 inch or cracks with any elevation difference across the crack.

**Public Convenience and Safety**

1. The Contractor shall schedule the operations so as to cause a minimum of interruption, interference or disturbance to the operation of businesses, churches, and to allow access by pedestrians, emergency personnel, delivery and service vehicles at all times.
2. The Contractor shall properly barricade the work area all tools and equipment shall not be left or stored on the sidewalk or on private property.
3. Any temporary shutdown of existing access, shall be kept to a minimum and shall be maintained whenever possible.

4. Gasoline or diesel operated equipment shall be equipped with mufflers and insulators to minimize noise.

Limitations of Operations

1. The saw cutting shall be done with a dry cutting tool. The concrete dust resulting from the cutting operation, shall be controlled with a saw-mounted vacuum hood. Remaining debris, cuttings, and concrete dust shall be cleaned from the sidewalk surface as well as the surrounding area. Vacuums shall be equipped with HEPA filters. Surface dust and debris must be swept and removed from the site immediately.

Saw Cutting of Sidewalks, Driveways, and Curbs - Description

1. The Contractor shall take precautions during saw cutting operations not to disfigure, scar, or impair any surrounding surfaces, plantings or other assets (public or private).
2. All trip hazards marked for saw cutting shall be removed in accordance with the American with Disabilities Act Accessibility Guidelines (ADAAG). The surface of the cut shall be tapered at a 1:12 slope and must have smooth uniform appearance and texture with a coefficient of friction of at least 0.6.
3. The finished result of each cut shall be taken to a zero point of differential settlement along the entire length of the cut and to both edges of the sidewalk to eliminate trip hazards the full width of the sidewalk.
4. All saw cutting shall be done with a tool that is capable of cutting at any angle and able to remove the trip hazard completely up to all edges of the sidewalk.
5. Existing concrete, asphalt mixes, or other types of material used to shim raised sidewalks shall be removed from adjacent sidewalk stones prior to saw cutting sidewalk.

**METHOD OF MEASUREMENT:**

This work will be measured for payment per each repair.

**BASIS OF PAYMENT:**

This work shall be paid for at the contract unit price per each SIDEWALK REPAIR (SPECIAL), which price shall include all labor, equipment, materials and incidentals necessary to complete the work to current standards and in a workmanlike manner.

**DRAINAGE UTILITY STRUCTURES TO BE ADJUSTED**

**WORK DESCRIPTION:**

City of Geneva  
2019 Street Improvements

This work consists of the adjustment of existing storm, sanitary, or water vault frames within the construction limits. Class PP concrete shall be used to patch roads with a PCC base. During the adjustment operation, all deteriorated frames shall be replaced as directed by the Engineer. The City will supply replacement frames, lids and/or grates to replace those that are broken or deteriorated. The adjustment shall include the use of a preformed bituminous joint sealant, which shall be placed between the frame and the PCC adjusting rings. Grout shall be acceptable for use between each PCC adjusting ring. The inside of the structure will be grouted with mortar mix no more than 2 feet below the bottom of the frame, the price of which shall be included in the price of the adjustment item.

The adjustment pay item shall include the disposal of the old frame, lids and/or grate and the reuse or placement of new frames, lids and/or grates supplied by the City.

For the Type-1 frame and grate the City may elect to use metallic adjusting rings inside the existing frames to raise the lids to the new elevations. If the City elects to use this type of adjusting ring, the City will supply and place the metallic adjusting ring. The Contractor will not be compensated for this work or any reasonable down time required for their installation. After the first lift of asphalt is placed the Contractor shall identify the structures he will need adjusted with metallic rings. In this case the Contractor shall determine the height of the adjusting rings needed.

**METHOD OF MEASUREMENT:**

This item shall be measured per each for each Drainage and Utility Structures to be Adjusted.

**BASIS OF PAYMENT:**

This work will be paid for at the contract unit price for each DRAINAGE UTILITY STRUCTURES TO BE ADJUSTED. The unit price shall include all labor, materials, incidentals and equipment necessary to complete the work to current standards and as described herein.

**PROPOSAL**

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

Proposal is submitted in duplicate by BUILDERS PAVING, LLC  
4413 ROOSEVELT ROAD SUITE 108 HILLSIDE, IL 60162

The undersigned hereby proposes and agrees to furnish all the necessary labor, materials, equipment, tools and services necessary to perform 2019 STREET IMPROVEMENTS in accordance with the Plans, the Special Provisions, the Standard 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>
<u>NONE</u>	<u>N/A</u>	<u>[Signature]</u>
<u>—</u>	<u>—</u>	<u>—</u>
<u>—</u>	<u>—</u>	<u>—</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 no later than 10 days after the issuance date on 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 listed, 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 2019 STREET 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)

*LLC*

Firm Name BUILDERS PAVING, LLC

Signed By *[Signature]*

Business Address 4401 ROOSEVELT ROAD SUITE 108  
HILLSIDE, IL 60162

Insert Names and Addresses of All Partners

SKETSU, LLC  
4401 ROOSEVELT ROAD SUITE 108  
HILLSIDE, IL 60162

(If a corporation)

Corporate Name \_\_\_\_\_

Signed By President \_\_\_\_\_

Business Address \_\_\_\_\_

Insert Names of Officers:

President \_\_\_\_\_

Secretary \_\_\_\_\_

Treasurer \_\_\_\_\_

Attest By Secretary: \_\_\_\_\_

## SCHEDULE OF PRICES: 2019 STREET IMPROVEMENTS

NO	DESCRIPTION	UNIT	CONTRACT QUANTITY	UNIT PRICE	COST
1	EARTH EXCAVATION	CU YD	11.00	\$50.00	\$550.00
2	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	202.00	\$34.00	\$6,868.00
3	SUPPLEMENTAL WATERING	UNIT	27.00	\$1.00	\$27.00
4	SUBBASE GRANULAR MATERIAL, TYPE B, 12 INCH	CU YD	200.00	\$40.00	\$8,000.00
5	AGGREGATE BASE REPAIR, 12 INCH	SQ YD	75.00	\$25.00	\$1,875.00
6	BITUMINOUS MATERIAL (PRIME COAT)	GAL	19,782.00	\$0.01	\$197.82
7	AGGREGATE (PRIME COAT)	TON	83.00	\$0.01	\$0.83
8	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2.25 INCH	TON	1,347.00	\$64.75	\$87,218.25
9	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1.50 INCH	TON	898.00	\$71.50	\$64,207.00
10	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2.00 INCH	TON	2,817.00	\$66.75	\$188,034.75
11	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH	SQ YD	280.00	\$58.00	\$16,240.00
12	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	11,232.00	\$5.75	\$64,584.00
13	PORTLAND CEMENT CONCRETE SIDEWALK 7 INCH	SQ FT	1,084.00	\$6.00	\$6,504.00
14	DETECTABLE WARNINGS	SQ FT	344.00	\$25.00	\$8,600.00
15	HOT-MIX ASPHALT SURFACE REMOVAL, 1.75 INCH	SQ YD	25,153.00	\$1.80	\$45,275.40
16	HOT-MIX ASPHALT SURFACE REMOVAL, 3.50 INCH	SQ YD	10,690.00	\$3.80	\$40,622.00
17	DRIVEWAY PAVEMENT REMOVAL	SQ YD	658.00	\$15.00	\$9,870.00
18	COMBINATION CURB AND GUTTER REMOVAL	FOOT	3,274.00	\$4.50	\$14,733.00
19	SIDEWALK REMOVAL	SQ FT	12,836.00	\$1.15	\$14,761.40
20	CLASS C PATCHES, TYPE I, 8 INCH	SQ YD	35.00	\$75.00	\$2,625.00
21	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	2.00	\$165.00	\$330.00
22	INLETS, TYPE-A, TYPE-11 FRAME AND GRATE	EACH	5.00	\$2,300.00	\$11,500.00
23	REMOVING INLETS	EACH	5.00	\$335.00	\$1,675.00
24	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	3,274.00	\$20.00	\$65,480.00
25	SIGN PANEL - TYPE 1	SQ FT	496.00	\$14.75	\$7,316.00
26	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	103.00	\$16.00	\$1,648.00
27	TELESCOPING STEEL SIGN SUPPORT	FOOT	1,260.00	\$9.50	\$11,970.00
28	PAVEMENT MARKING REMOVAL	SQ FT	1,034.00	\$1.00	\$1,034.00
29	GROUT REMOVAL AND REPLACEMENT	EACH	72.00	\$155.00	\$11,160.00
30	BRICK PAVER, STONE AND MASONRY REMOVAL AND REPLACEMENT	SQ FT	324.00	\$16.00	\$5,184.00
31	CURB REMOVAL AND REPLACEMENT	FOOT	4,899.00	\$26.00	\$127,374.00
32	TRAFFIC CONTROL AND PROTECTION	L SUM	1.00	\$12,254.65	\$12,254.65
33	URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	125.00	\$4.25	\$531.25
34	URETHANE PAVEMENT MARKING - LINE 4 INCH	FOOT	35,165.00	\$0.50	\$17,582.50

## SCHEDULE OF PRICES: 2019 STREET IMPROVEMENTS

NO	DESCRIPTION	UNIT	CONTRACT QUANTITY	UNIT PRICE	COST
35	URETHANE PAVEMENT MARKING - LINE 6 INCH	FOOT	5,283.00	\$0.80	\$4,226.40
36	URETHANE PAVEMENT MARKING - LINE 12 INCH	FOOT	515.00	\$2.00	\$1,030.00
37	URETHANE PAVEMENT MARKING - LINE 24 INCH	FOOT	789.00	\$4.25	\$3,353.25
38	PARKWAY RESTORATION	SQ YD	2,411.00	\$6.50	\$15,671.50
39	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3 INCH	SQ YD	357.00	\$42.00	\$14,994.00
40	SIDEWALK REPAIR (SPECIAL)	EACH	170.00	\$66.00	\$11,220.00
41	DRAINAGE AND UTILITY STRUCTURES TO BE ADJUSTED	EACH	8.00	\$570.00	\$4,560.00
<b>BASE BID TOTAL</b>					<b>\$910,888.00</b>
<b>ALTERNATE</b>					
A1	HOT-MIX ASPHALT SURFACE COURSE (SPECIAL), 2.00 INCH	TON	\$2,529.97	\$68.75	\$173,935.44
A2	HOT-MIX ASPHALT SURFACE COURSE (SPECIAL), 1.50 INCH	TON	\$898.49	\$73.50	\$66,039.02
<b>ALTERNATE TOTAL</b>					<b>\$239,974.45</b>

AFFIDAVIT OF EXPERIENCE

STATE OF ILLINOIS )

COUNTY OF COOK )

SS

STEVEN SALINAS being duly sworn, that he is  
VICE PRESIDENT, of BUILDERS PAVING, LLC  
(Sole owner, member of firm, corporate official) (Individual, firm, or corporate name)

which has done work for the following parties of the general kind and approximate magnitude under this contract:

<u>Name of Owner</u>	<u>Job Description</u>	<u>\$ Amount</u>
<u>CITY OF GENEVA</u>	<u>STREET RESURFACING</u>	<u>MULTIPLE CONTRACTS</u>
<u>KANE COUNTY DIVISION OF TRANSPORTATION</u>	<u>STREET RESURFACING</u>	<u>MULTIPLE CONTRACTS</u>
<u>KENDAL COUNTY HIGHWAY DEPT</u>	<u>STREET RESURFACING</u>	<u>MULTIPLE CONTRACTS</u>

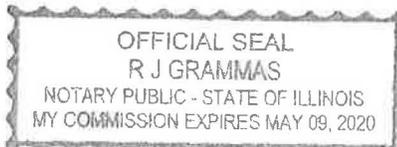
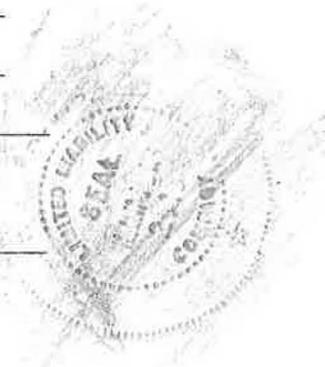
and that BUILDERS PAVING, LLC owns or has available  
(he, said firm, said corporation)  
for immediate use on the proposed work the following plant and equipment:

<u>Machine</u>	<u>Year Built</u>	<u>Machine</u>	<u>Year Built</u>
<u>SEE ATTACHED</u>			

and that MARK BELREND'S will be assigned to work  
(Name of Superintendent)  
under this contract, and that his experience in this kind of work is as follows:

<u>Name of Job</u>	<u>Engineer or Owner</u>
<u>SAME AS ABOVE</u>	

Signature: [Signature]  
Subscribed and sworn to before me this NT day of MARCH 2019.  
[Signature]  
Notary Public



**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

2019 STREET 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 STEVEN SALINAS

BUILDERS PAVING, LLC  
COMPANY

3/1/19

DATE

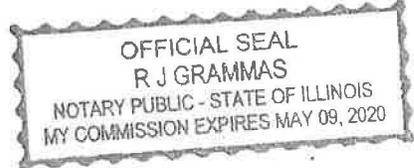
**CERTIFICATION OF COMPLIANCE WITH SECTION 11-42.1-1  
OF THE ILLINOIS MUNICIPAL CODE**

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

BUILDERS PAVING, LLC (Contractor) is not currently delinquent in the payment of any tax administered 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.

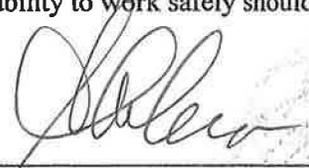
BUILDERS PAVING, LLC  
CONTRACTOR'S NAME  
BY: [Signature]  
(TITLE) VICE PRESIDENT

Subscribed and sworn before me this 1<sup>ST</sup>  
Day of March, 2019  
[Signature]  
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 STEVEN SALINAS

BUILDERS PAVING, LLC

COMPANY

3/1/19

DATE



**HOT MIX ASPHALT – PRIME COAT (BDE)**

Effective: November 1, 2014

Revise Note 1 of Article 406.02 of the Standard Specifications to read:

“Note 1. The bituminous material used for prime coat shall be one of the types listed in the following table.

When emulsified asphalts are used, any dilution with water shall be performed by the emulsion producer. The emulsified asphalt shall be thoroughly agitated within 24 hours of application and show no separation of water and emulsion.

Application	Bituminous Material Types
Prime Coat on Brick, Concrete, or HMA Bases	SS-1, SS-1h, SS-1hP, SS-1vh, RS-1, RS-2, CSS-1, CSS-1h, CSS-1hp, CRS-1, CRS-2, HFE-90, RC-70
Prime Coat on Aggregate Bases	MC-30, PEP”

Add the following to Article 406.03 of the Standard Specifications.

- “(i) Vacuum Sweeper ..... 1101.19
- “(j) Spray Paver ..... 1102.06”

Revise Article 406.05(b) of the Standard Specifications to read:

“(b) Prime Coat. The bituminous material shall be prepared according to Article 403.05 and applied according to Article 403.10. The use of RC-70 shall be limited to air temperatures less than 60 °F (15 °C).

- (1) Brick, Concrete or HMA Bases. The base shall be cleaned of all dust, debris and any substance that will prevent the prime coat from adhering to the base. Cleaning shall be accomplished by sweeping to remove all large particles and air blasting to remove dust. As an alternative to air blasting, a vacuum sweeper may be used to accomplish the dust removal. The base shall be free of standing water at the time of application. The prime coat shall be applied uniformly and at a rate that will provide a residual asphalt rate on the prepared surface as specified in the following table.

Type of Surface to be Primed	Residual Asphalt Rate lb/sq ft (kg/sq m)
Milled HMA, Aged Non-Milled HMA, Milled Concrete, Non-Milled Concrete & Tined Concrete	0.05 (0.244)
Fog Coat between HMA Lifts, IL-4.75 & Brick	0.025 (0.122)

The bituminous material for the prime coat shall be placed one lane at a time. If a spray paver is not used, the primed lane shall remain closed until the prime coat is

fully cured and does not pickup under traffic. When placing prime coat through an intersection where it is not possible to keep the lane closed, the prime coat may be covered immediately following its application with fine aggregate mechanically spread at a uniform rate of 2 to 4 lb/sq yd (1 to 2 kg/sq m).

- (2) **Aggregate Bases.** The prime coat shall be applied uniformly and at a rate that will provide a residual asphalt rate on the prepared surface of 0.25 lb/sq ft  $\pm$  0.01 (1.21 kg/sq m  $\pm$ 0.05).

The prime coat shall be permitted to cure until the penetration has been approved by the Engineer, but at no time shall the curing period be less than 24 hours for MC-30 or four hours for PEP. Pools of prime occurring in the depressions shall be broomed or squeegeed over the surrounding surface the same day the prime coat is applied.

The base shall be primed 1/2 width at a time. The prime coat on the second half/width shall not be applied until the prime coat on the first half/width has cured so that it will not pickup under traffic.

The residual asphalt rate will be verified a minimum of once per type of surface to be primed as specified herein for which at least 2000 tons (1800 metric tons) of HMA will be placed. The test will be according to the "Determination of Residual Asphalt in Prime and Tack Coat Materials" test procedure.

Prime coat shall be fully cured prior to placement of HMA to prevent pickup by haul trucks or paving equipment. If pickup occurs, paving shall cease in order to provide additional cure time, and all areas where the pickup occurred shall be repaired.

If after five days, loss of prime coat is evident prior to covering with HMA, additional prime coat shall be placed as determined by the Engineer at no additional cost to the Department."

Revise the last sentence of the first paragraph of Article 406.13(b) of the Standard Specifications to read:

"Water added to emulsified asphalt, as allowed in Article 406.02, will not be included in the quantities measured for payment."

Revise the second paragraph of Article 406.13(b) of the Standard Specifications to read:

"Aggregate for covering prime coat will not be measured for payment."

Revise the first paragraph of Article 406.14 of the Standard Specifications to read:

**"406.14 Basis of Payment.** Prime Coat will be paid for at the contract unit price per pound (kilogram) of residual asphalt applied for BITUMINOUS MATERIALS (PRIME COAT), or POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)."

Revise Article 407.02 of the Standard Specifications to read:

**“407.02 Materials.** Materials shall be according to Article 406.02, except as follows.

Item	Article/Section
(a) Packaged Rapid Hardening Mortar or Concrete .....	1018”

Revise Article 407.06(b) of the Standard Specifications to read:

“(b) A bituminous prime coat shall be applied between each lift of HMA according to Article 406.05(b).”

Delete the second paragraph of Article 407.12 of the Standard Specifications.

Revise the first paragraph of Article 408.04 of the Standard Specifications to read:

**“408.04 Method of Measurement.** Bituminous priming material will be measured for payment according to Article 406.13.”

Revise the first paragraph of Article 408.05 of the Standard Specifications to read:

**“408.05 Basis of Payment.** This work will be paid for at the contract unit price per pound (kilogram) of residual asphalt applied for BITUMINOUS MATERIALS (PRIME COAT) or POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT) and at the contract unit price per ton (metric ton) for INCIDENTAL HOT-MIX ASPHALT SURFACING.”

Revise Article 1032.02 of the Standard Specifications to read:

**“1032.02 Measurement.** Asphalt binders, emulsified asphalts, rapid curing liquid asphalt, medium curing liquid asphalts, slow curing liquid asphalts, asphalt fillers, and road oils will be measured by weight.

A weight ticket for each truck load shall be furnished to the inspector. The truck shall be weighed at a location approved by the Engineer. The ticket shall show the weight of the empty truck (the truck being weighed each time before it is loaded), the weight of the loaded truck, and the net weight of the bituminous material.

When an emulsion or cutback is used for prime coat, the percentage of asphalt residue of the actual certified product shall be shown on the producer’s bill of lading or attached certificate of analysis. If the producer adds extra water to an emulsion at the request of the purchaser, the amount of water shall also be shown on the bill of lading.

Payment will not be made for bituminous materials in excess of 105 percent of the amount specified by the Engineer.”

Add the following to the table in Article 1032.04 of the Standard Specifications.

"SS-1vh	160-180	70-80
RS-1, CRS-1	75-130	25-55"

Add the following to Article 1032.06 of the Standard Specifications.

"(g) Non Tracking Emulsified Asphalt SS-1vh shall be according to the following.

Requirements for SS-1vh			
Test		SPEC	AASHTO Test Method
Saybolt Viscosity @ 25C,	SFS	20-200	T 72
Storage Stability, 24hr.,	%	1 max.	T 59
Residue by Evaporation,	%	50 min.	T 59
Sieve Test,	%	0.3 max.	T 59
Tests on Residue from Evaporation			
Penetration @25°C, 100g., 5 sec.,	dmm	20 max.	T 49
Softening Point,	°C	65 min.	T 53
Solubility,	%	97.5 min.	T 44
Orig. DSR @ 82°C,	kPa	1.00 min.	T 315"

Revise the last table in Article 1032.06(f)(2)d. of the Standard Specifications to read:

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

Add the following to Article 1101 of the Standard Specifications.

**"1101.19 Vacuum Sweeper.** The vacuum sweeper shall have a minimum sweeping path of 52 in. (1.3 m) and a minimum blower rating of 20,000 cu ft per minute (566 cu m per minute)."

Add the following to Article 1102 of the Standard Specifications:

**"1102.06 Spray Paver.** The spreading and finishing machine shall be capable of spraying a rapid setting emulsion tack coat, paving a layer of HMA, and providing a smooth HMA mat in one pass. The HMA shall be spread over the tack coat in less than five seconds after the

application of the tack coat during normal paving speeds. No wheel or other part of the paving machine shall come into contact with the tack coat before the HMA is applied. In addition to meeting the requirements of Article 1102.03, the spray paver shall also meet the requirements of Article 1102.05 for the tank, heating system, pump, thermometer, tachometer or synchronizer, and calibration. The spray bar shall be equipped with properly sized and spaced nozzles to apply a uniform application of tack coat at the specified rate for the full width of the mat being placed."

80348

## **WARM MIX ASPHALT (BDE)**

Effective: January 1, 2012

Revised: April 1, 2016

Description. This work shall consist of designing, producing and constructing Warm Mix Asphalt (WMA) in lieu of Hot Mix Asphalt (HMA) at the Contractor's option. Work shall be according to Sections 406, 407, 408, 1030, and 1102 of the Standard Specifications, except as modified herein. In addition, any references to HMA in the Standard Specifications, or the special provisions shall be construed to include WMA.

WMA is an asphalt mixture which can be produced at temperatures lower than allowed for HMA utilizing approved WMA technologies. WMA technologies are defined as the use of additives or processes which allow a reduction in the temperatures at which HMA mixes are produced and placed. WMA is produced by the use of additives, a water foaming process, or combination of both. Additives include minerals, chemicals or organics incorporated into the asphalt binder stream in a dedicated delivery system. The process of foaming injects water into the asphalt binder stream, just prior to incorporation of the asphalt binder with the aggregate.

Approved WMA technologies may also be used in HMA provided all the requirements specified herein, with the exception of temperature, are met. However, asphalt mixtures produced at temperatures in excess of 275 °F (135 °C) will not be considered WMA when determining the grade reduction of the virgin asphalt binder grade.

### Equipment.

Revise the first paragraph of Article 1102.01 of the Standard Specifications to read:

**"1102.01 Hot-Mix Asphalt Plant.** The hot-mix asphalt (HMA) plant shall be the batch-type, continuous-type, or dryer drum plant. The plants shall be evaluated for prequalification rating and approval to produce HMA according to the current Bureau of Materials and Physical Research Policy Memorandum, "Approval of Hot-Mix Asphalt Plants and Equipment". Once approved, the Contractor shall notify the Bureau of Materials and Physical Research to obtain approval of all plant modifications. The plants shall not be used to produce mixtures concurrently for more than one project or for private work unless permission is granted in writing by the Engineer. The plant units shall be so designed, coordinated and operated that they will function properly and produce HMA having uniform temperatures and compositions within the tolerances specified. The plant units shall meet the following requirements."

Add the following to Article 1102.01(a) of the Standard Specifications.

**"(11) Equipment for Warm Mix Technologies.**

- a. **Foaming.** Metering equipment for foamed asphalt shall have an accuracy of  $\pm 2$  percent of the actual water metered. The foaming control system shall be electronically interfaced with the asphalt binder meter.

- b. Additives. Additives shall be introduced into the plant according to the supplier's recommendations and shall be approved by the Engineer. The system for introducing the WMA additive shall be interlocked with the aggregate feed or weigh system to maintain correct proportions for all rates of production and batch sizes."

Mix Design Verification:

Add the following to Article 1030.04 of the Standard Specifications.

"(e) Warm Mix Technologies.

- (1) Foaming. WMA mix design verification will not be required when foaming technology is used alone (without WMA additives). However, the foaming technology shall only be used on HMA designs previously approved by the Department.
- (2) Additives. WMA mix designs utilizing additives shall be submitted to the Engineer for mix design verification."

Construction Requirements.

Revise the second paragraph of Article 406.06(b)(1) of the Standard Specifications to read:

"The HMA shall be delivered at a temperature of 250 to 350 °F (120 to 175 °C).  
WMA shall be delivered at a minimum temperature of 215 °F (102 °C)."

Basis of Payment.

This work will be paid at the contract unit price bid for the HMA pay items involved. Anti-strip will not be paid for separately, but shall be considered as included in the cost of the work.

80288



**CONTRACT:**

- 1) THIS AGREEMENT, made and concluded the 18<sup>TH</sup> day of MARCH, 2019 between the CITY of GENEVA, ILLINOIS acting by and through its MAYOR and CITY COUNCIL known as the party of the first part, and BUILDERS PAVING, LLC. 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 2019 STREET 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.



[Signature] Clerk

The City of GENEVA, ILLINOIS

by [Signature]  
CITY ADMINISTRATOR

Attest:

Corporation Name: BUILDERS PAVING, LLC.

[Signature] Secretary

[Signature]  
Vice President Party of the Second Part

(Seal)