



### AGENDA ITEM EXECUTIVE SUMMARY

|  |  |  |  |
|--|--|--|--|
| Agenda Item:   | Approval: 2017 Street Improvements Project, Plote Construction                   |  |  |
| Presenter & Title:   | Brian L. Schiber, P.E.<br>City Engineer/Assistant Director of Public Works       |  |  |
| Date:  | June 6, 2017   |  |  |
| <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           |
|  | Public Hearing   |  | Other -                                |
| Associated Strategic Plan Goal/Objective: Vision 5, Manage City resources and assets to effectively and efficiently deliver core services; provide for capital investment, and meet community needs and desires.   |  |  |  |
|  |  |  |  |
| Estimated Cost: \$ 2,763,031.25  | Budgeted? <input checked="" type="checkbox"/> Yes<br><input type="checkbox"/> No | Other Funding? <input type="checkbox"/> Yes<br><input type="checkbox"/> No |  |
| <i>If "Other Funding," please explain how the item will be funded:</i>   |  |  |  |
| <b>Executive Summary:</b>  |  |  |  |
| <p>On June 1, 2017, staff opened bids for the 2017 Street Improvements Program, which included projects shown on the attached map.</p> <p>Three (3) bids were received for the 2017 Street Improvement Program, of which the bid tabulation is included for your review. Bids varied between a high of \$3,398,893.00 (Builders Paving) to the low bid of \$2,763,031.25 (Plote Construction), with Geneva Construction in the middle at \$2,996,963.78. The engineer's estimate of cost for this project was \$3,090,497.05.</p> <p>Plote Construction, Inc. of Hoffman Estates, IL is the low bid at \$2,763,031.25. This company is prequalified by IDOT and has previously performed satisfactory paving work for the City. Plote has adequately demonstrated to staff that they can meet the minimum qualifications for being the general contractor by completing over 50% of the proposed work with their company; and Plote has confirmed that their underground contractor for the 2017 Street Improvement Program is Glenbrook Contracting. Staff has a very satisfactory work history with Glenbrook's other underground work here in Geneva.</p> |  |  |  |

Plote Construction will have a company representative in attendance at the Committee and Council meetings to address any questions.

**Attachments:** *(please list)*

- Resolution
- Bid Tabulation/Summary of Bids
- Map of Streets

**Recommendation / Suggested Action:** *(how item should be listed on agenda)*

Respectfully recommend that the City Council authorize the City Administrator to execute a contract with Plote Construction, Inc., of Hoffman Estates, Illinois, to conduct the 2017 Street Improvement Program the amount not to exceed \$2,763,031.25.

**RESOLUTION NO. 2017-53**  
**RESOLUTION AUTHORIZING EXECUTION OF**  
**Contract with Plote Construction, Inc. for the “2017 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 Plote Construction, Inc. in the form attached hereto as Exhibit “A”, relating to sewer improvements, water main replacement and the resurfacing of various City Streets in the City of Geneva, IL for the not to exceed amount of \$2,763,031.25.

**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 \_\_\_\_\_, 2017

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

Approved by me this \_\_\_\_ day of \_\_\_\_\_, 2017.

\_\_\_\_\_  
Mayor

ATTEST:

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



2017 STREET IMPROVEMENT  
BID TABULATION

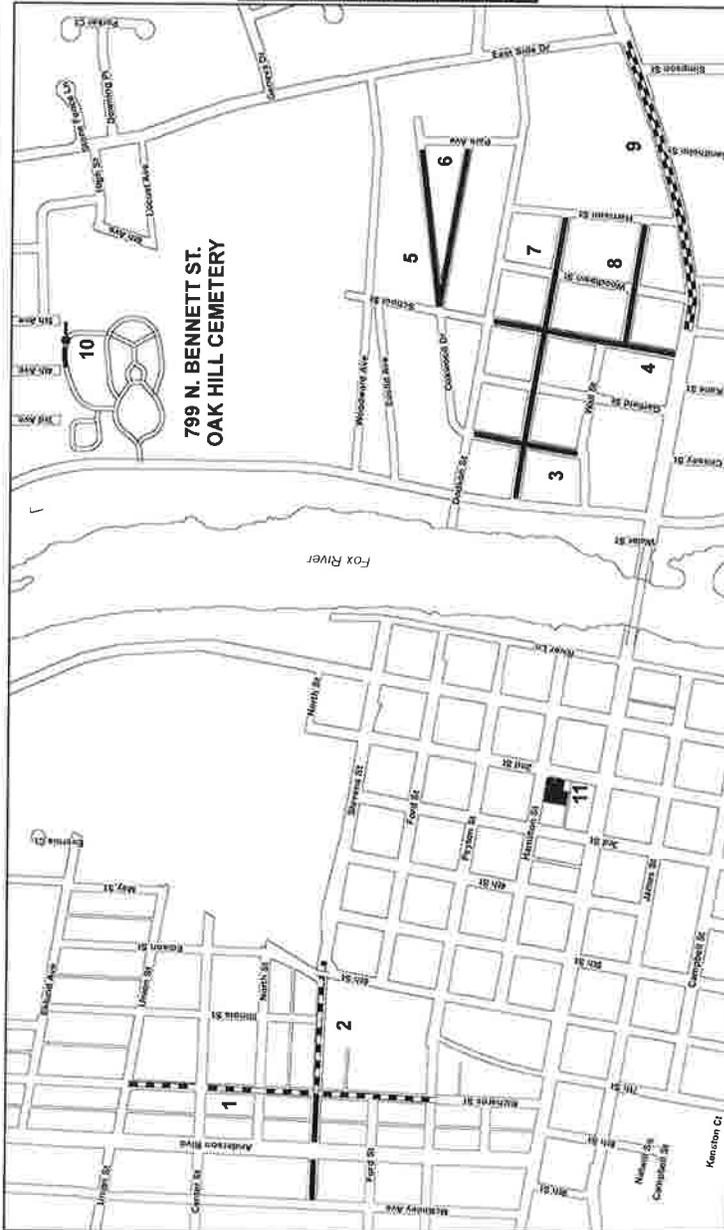
June 1, 2017

| ITEM | DESCRIPTION   | UNIT  | QTY       | ENGINEERS ESTIMATE |               |               | Plate Construct, Inc. - Hoffmann Estates, IL<br>Ph 847-695-9300 FX 847-695-9317 |             |               | Geneva Construction Co, Aurora IL<br>Ph 630-892-4357, FX 630-892-7738 |               |              | Builders Paving LLC, Hillside IL<br>Ph 847-419-9000; FX 847-419-9050 |  |  |
|------|---|-------|-----------|--------------------|---------------|---------------|---|-------------|---------------|---|---------------|--------------|--|--|--|
|      |   |       |           | UNIT PRICE         | TOTAL         | UNIT PRICE    | TOTAL   | UNIT PRICE  | TOTAL         | UNIT PRICE  | TOTAL         | UNIT PRICE   | TOTAL  |  |  |
| 1    | TREE PROTECTION   | EACH  | 15.00     | \$ 85.00           | \$ 1,275.00   | \$ 3,000.00   | \$ 45,000.00  | \$ 75.00    | \$ 1,125.00   | \$ 200.00   | \$ 3,000.00   | \$ 3,000.00  | \$ 45,000.00   |  |  |
| 2    | TREE ROOT PRUNING                                       | EACH  | 15.00     | \$ 120.00          | \$ 1,800.00   | \$ 3,000.00   | \$ 45,000.00  | \$ 90.00    | \$ 1,350.00   | \$ 150.00   | \$ 2,250.00   | \$ 3,000.00  | \$ 45,000.00   |  |  |
| 3    | EARTH EXCAVATION  | CU YD | 2.86      | \$ 33.00           | \$ 94.38      | \$ 78,738.00  | \$ 47,730.00  | \$ 32.50    | \$ 93,982.50  | \$ 46.50  | \$ 133,155.00 | \$ 46.50     | \$ 133,155.00  |  |  |
| 4    | REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL             | CU YD | 303.00    | \$ 32.00           | \$ 9,696.00   | \$ 9,999.00   | \$ 31,917.00  | \$ 38.50    | \$ 11,665.50  | \$ 46.50  | \$ 14,089.50  | \$ 46.50     | \$ 14,089.50   |  |  |
| 5    | TRENCH BACKFILL   | CU YD | 5.87      | \$ 33.00           | \$ 194.31     | \$ 188,064.00 | \$ 151,332.75   | \$ 17.00    | \$ 99,909.00  | \$ 1.00   | \$ 5,877.00   | \$ 1.00      | \$ 5,877.00  |  |  |
| 6    | INLET FILTERS   | EACH  | 34.00     | \$ 165.00          | \$ 5,610.00   | \$ 6,800.00   | \$ 23,000.00  | \$ 120.00   | \$ 4,080.00   | \$ 150.00   | \$ 5,100.00   | \$ 150.00    | \$ 5,100.00  |  |  |
| 7    | SUBBASE GRANULAR MATERIAL TYPE B                        | CU YD | 333.00    | \$ 33.00           | \$ 10,989.00  | \$ 10,989.00  | \$ 36,000.00  | \$ 42.30    | \$ 14,082.90  | \$ 55.00  | \$ 18,316.50  | \$ 55.00     | \$ 18,316.50   |  |  |
| 8    | PREPARATION OF BASE                                     | SO YD | 9,061.00  | \$ 1.10            | \$ 9,967.10   | \$ 9,967.10   | \$ 32,400.00  | \$ 3.60     | \$ 32,829.56  | \$ 7.00   | \$ 63,427.00  | \$ 7.00      | \$ 63,427.00   |  |  |
| 9    | AGGREGATE SUBGRADE 12 INCH                              | SO YD | 2,771.00  | \$ 4.40            | \$ 12,192.40  | \$ 12,192.40  | \$ 43,200.00  | \$ 15.60    | \$ 43,228.80  | \$ 20.00  | \$ 55,420.00  | \$ 20.00     | \$ 55,420.00   |  |  |
| 10   | AGGREGATE SUBGRADE 12 INCH                              | SO YD | 6,290.00  | \$ 13.00           | \$ 81,770.00  | \$ 81,770.00  | \$ 273,600.00   | \$ 43.48    | \$ 273,600.00 | \$ 55.00  | \$ 345,600.00 | \$ 55.00     | \$ 345,600.00  |  |  |
| 11   | BITUMINOUS MATERIAL (PRIME COAT)                        | GAL   | 4,129.00  | \$ 1.00            | \$ 4,129.00   | \$ 4,129.00   | \$ 13,242.00  | \$ 3.20     | \$ 13,242.00  | \$ 4.00   | \$ 16,516.00  | \$ 4.00      | \$ 16,516.00   |  |  |
| 12   | AGGREGATE (PRIME COAT)                                  | TON   | 54.00     | \$ 3.00            | \$ 162.00     | \$ 162.00     | \$ 510.00   | \$ 0.01     | \$ 0.54       | \$ 3.25   | \$ 175.50     | \$ 3.25      | \$ 175.50  |  |  |
| 13   | HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50             | TON   | 5,322.00  | \$ 60.00           | \$ 319,320.00 | \$ 319,320.00 | \$ 950.00   | \$ 500.00   | \$ 2,695.00   | \$ 3.00   | \$ 15,966.00  | \$ 3.00      | \$ 15,966.00   |  |  |
| 14   | HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50            | TON   | 2,557.00  | \$ 61.00           | \$ 155,877.00 | \$ 155,877.00 | \$ 460.00   | \$ 280.00   | \$ 1,712.00   | \$ 6.00   | \$ 15,348.00  | \$ 6.00      | \$ 15,348.00   |  |  |
| 15   | PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH      | SO YD | 626.00    | \$ 58.00           | \$ 36,396.00  | \$ 36,396.00  | \$ 110,000.00   | \$ 78.00    | \$ 49,044.00  | \$ 85.00  | \$ 53,210.00  | \$ 85.00     | \$ 53,210.00   |  |  |
| 16   | PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH                | SO FT | 26,716.00 | \$ 5.50            | \$ 146,938.00 | \$ 146,938.00 | \$ 450,000.00   | \$ 5.75     | \$ 153,615.00 | \$ 6.00   | \$ 160,296.00 | \$ 6.00      | \$ 160,296.00  |  |  |
| 17   | PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH                | SO FT | 3,921.00  | \$ 6.50            | \$ 25,486.50  | \$ 25,486.50  | \$ 78,000.00  | \$ 8.25     | \$ 32,374.50  | \$ 9.00   | \$ 35,289.50  | \$ 9.00      | \$ 35,289.50   |  |  |
| 18   | DEFLECTABLE WARNING                                     | SO FT | 848.00    | \$ 25.00           | \$ 21,200.00  | \$ 21,200.00  | \$ 65,000.00  | \$ 26.00    | \$ 22,048.00  | \$ 30.00  | \$ 25,440.00  | \$ 30.00     | \$ 25,440.00   |  |  |
| 19   | PAVEMENT REMOVAL  | SO YD | 9,371.00  | \$ 14.00           | \$ 131,194.00 | \$ 131,194.00 | \$ 400,000.00   | \$ 3.00     | \$ 28,113.00  | \$ 3.25   | \$ 30,355.75  | \$ 3.25      | \$ 30,355.75   |  |  |
| 20   | HOT-MIX ASPHALT SURFACE REMOVAL 3 1/2 INCH              | SO YD | 22,043.00 | \$ 3.45            | \$ 76,048.35  | \$ 76,048.35  | \$ 230,000.00   | \$ 6.00     | \$ 132,258.00 | \$ 6.75   | \$ 148,789.50 | \$ 6.75      | \$ 148,789.50  |  |  |
| 21   | DRIVEWAY PAVEMENT REMOVAL                               | SO YD | 5,355.00  | \$ 8.00            | \$ 42,840.00  | \$ 42,840.00  | \$ 130,000.00   | \$ 4.25     | \$ 22,657.50  | \$ 4.50   | \$ 24,022.50  | \$ 4.50      | \$ 24,022.50   |  |  |
| 22   | COMBINATION CURB AND GUTTER REMOVAL                     | FOOT  | 18,127.00 | \$ 1.25            | \$ 22,658.75  | \$ 22,658.75  | \$ 70,000.00  | \$ 1.10     | \$ 19,932.30  | \$ 1.20   | \$ 21,752.40  | \$ 1.20      | \$ 21,752.40   |  |  |
| 23   | SIDEWALK REMOVAL  | SO FT | 40.00     | \$ 55.00           | \$ 2,200.00   | \$ 2,200.00   | \$ 7,000.00   | \$ 70.00    | \$ 2,800.00   | \$ 75.00  | \$ 3,000.00   | \$ 75.00     | \$ 3,000.00  |  |  |
| 24   | CLASS C PATCHES, TYPE II, 8 INCH                        | SO YD | 41.00     | \$ 55.00           | \$ 2,255.00   | \$ 2,255.00   | \$ 7,165.00   | \$ 70.00    | \$ 2,870.00   | \$ 75.00  | \$ 3,075.00   | \$ 75.00     | \$ 3,075.00  |  |  |
| 25   | CLASS C PATCHES, TYPE III, 8 INCH                       | SO YD | 41.00     | \$ 55.00           | \$ 2,255.00   | \$ 2,255.00   | \$ 7,165.00   | \$ 70.00    | \$ 2,870.00   | \$ 75.00  | \$ 3,075.00   | \$ 75.00     | \$ 3,075.00  |  |  |
| 26   | CLASS D PATCHES, TYPE II, 3 INCH                        | SO YD | 51.00     | \$ 48.00           | \$ 2,448.00   | \$ 2,448.00   | \$ 7,740.00   | \$ 50.00    | \$ 2,550.00   | \$ 55.00  | \$ 2,805.00   | \$ 55.00     | \$ 2,805.00  |  |  |
| 27   | CLASS D PATCHES, TYPE IV, 3 INCH                        | SO YD | 1,000.00  | \$ 48.00           | \$ 48,000.00  | \$ 48,000.00  | \$ 150,000.00   | \$ 16.50    | \$ 16,500.00  | \$ 18.00  | \$ 18,000.00  | \$ 18.00     | \$ 18,000.00   |  |  |
| 28   | STORM SEWER REMOVAL 8 INCH                              | FOOT  | 350.00    | \$ 13.50           | \$ 4,725.00   | \$ 4,725.00   | \$ 14,250.00  | \$ 17.00    | \$ 5,925.00   | \$ 19.50  | \$ 6,825.00   | \$ 19.50     | \$ 6,825.00  |  |  |
| 29   | STORM SEWER REMOVAL 10 INCH                             | FOOT  | 889.00    | \$ 15.00           | \$ 13,335.00  | \$ 13,335.00  | \$ 40,770.00  | \$ 30.00    | \$ 26,670.00  | \$ 33.00  | \$ 29,457.00  | \$ 33.00     | \$ 29,457.00   |  |  |
| 30   | STORM SEWER REMOVAL 12 INCH                             | FOOT  | 128.00    | \$ 18.00           | \$ 2,304.00   | \$ 2,304.00   | \$ 7,125.00   | \$ 23.00    | \$ 2,946.00   | \$ 25.00  | \$ 3,200.00   | \$ 25.00     | \$ 3,200.00  |  |  |
| 31   | STORM SEWER REMOVAL 14 INCH                             | FOOT  | 36.00     | \$ 15.00           | \$ 540.00     | \$ 540.00     | \$ 1,620.00   | \$ 25.00    | \$ 900.00     | \$ 28.00  | \$ 1,008.00   | \$ 28.00     | \$ 1,008.00  |  |  |
| 32   | STORM SEWER REMOVAL 18 INCH                             | FOOT  | 45.00     | \$ 27.00           | \$ 1,215.00   | \$ 1,215.00   | \$ 3,645.00   | \$ 28.00    | \$ 1,260.00   | \$ 30.00  | \$ 1,350.00   | \$ 30.00     | \$ 1,350.00  |  |  |
| 33   | JOINT OR CRACK FILLING                                  | POUND | 30,530.00 | \$ 1.31            | \$ 40,003.50  | \$ 40,003.50  | \$ 123,000.00   | \$ 1.29     | \$ 39,463.50  | \$ 1.40   | \$ 42,742.00  | \$ 1.40      | \$ 42,742.00   |  |  |
| 34   | DUCTILE IRON WATER MAIN TEE 10" X 10"                   | EACH  | 3.00      | \$ 525.00          | \$ 1,575.00   | \$ 1,575.00   | \$ 4,725.00   | \$ 900.00   | \$ 2,700.00   | \$ 1,210.00   | \$ 3,630.00   | \$ 1,210.00  | \$ 3,630.00  |  |  |
| 35   | DUCTILE IRON WATER MAIN TEE 10" X 8"                    | EACH  | 3.00      | \$ 475.00          | \$ 1,425.00   | \$ 1,425.00   | \$ 4,275.00   | \$ 850.00   | \$ 2,550.00   | \$ 1,190.00   | \$ 3,570.00   | \$ 1,190.00  | \$ 3,570.00  |  |  |
| 36   | DUCTILE IRON WATER MAIN TEE 10" X 6"                    | EACH  | 8.00      | \$ 425.00          | \$ 3,400.00   | \$ 3,400.00   | \$ 10,200.00  | \$ 500.00   | \$ 4,000.00   | \$ 1,698.00   | \$ 13,500.00  | \$ 1,698.00  | \$ 13,500.00   |  |  |
| 37   | DUCTILE IRON WATER MAIN TEE 10" X 4"                    | EACH  | 1.00      | \$ 380.00          | \$ 380.00     | \$ 380.00     | \$ 380.00   | \$ 425.00   | \$ 425.00     | \$ 502.00   | \$ 502.00     | \$ 502.00    |  |  |  |
| 38   | DUCTILE IRON WATER MAIN REDUCER 10" X 8"                | EACH  | 1.00      | \$ 695.00          | \$ 695.00     | \$ 695.00     | \$ 695.00   | \$ 425.00   | \$ 425.00     | \$ 502.00   | \$ 502.00     | \$ 502.00    |  |  |  |
| 39   | DUCTILE IRON WATER MAIN REDUCER 10" X 6"                | EACH  | 1.00      | \$ 675.00          | \$ 675.00     | \$ 675.00     | \$ 675.00   | \$ 450.00   | \$ 450.00     | \$ 531.00   | \$ 531.00     | \$ 531.00    |  |  |  |
| 40   | DUCTILE IRON WATER MAIN REDUCER 10" X 4"                | EACH  | 1.00      | \$ 675.00          | \$ 675.00     | \$ 675.00     | \$ 675.00   | \$ 450.00   | \$ 450.00     | \$ 531.00   | \$ 531.00     | \$ 531.00    |  |  |  |
| 41   | DUCTILE IRON WATER MAIN REDUCER 8" X 6"                 | EACH  | 4.00      | \$ 400.00          | \$ 1,600.00   | \$ 1,600.00   | \$ 4,800.00   | \$ 400.00   | \$ 1,600.00   | \$ 1,600.00   | \$ 1,600.00   | \$ 1,600.00  |  |  |  |
| 42   | DUCTILE IRON WATER MAIN REDUCER 8" X 4"                 | EACH  | 4.00      | \$ 300.00          | \$ 1,200.00   | \$ 1,200.00   | \$ 3,600.00   | \$ 300.00   | \$ 1,200.00   | \$ 1,200.00   | \$ 1,200.00   | \$ 1,200.00  |  |  |  |
| 43   | DUCTILE IRON WATER MAIN REDUCER 6" X 4"                 | EACH  | 4.00      | \$ 450.00          | \$ 1,800.00   | \$ 1,800.00   | \$ 5,400.00   | \$ 450.00   | \$ 1,800.00   | \$ 1,800.00   | \$ 1,800.00   | \$ 1,800.00  |  |  |  |
| 44   | DUCTILE IRON WATER 6" COUPLING SLEEVE                   | EACH  | 3.00      | \$ 450.00          | \$ 1,350.00   | \$ 1,350.00   | \$ 4,050.00   | \$ 400.00   | \$ 1,200.00   | \$ 1,200.00   | \$ 1,200.00   | \$ 1,200.00  |  |  |  |
| 45   | DUCTILE IRON WATER 8" COUPLING SLEEVE                   | EACH  | 2.00      | \$ 300.00          | \$ 600.00     | \$ 600.00     | \$ 1,800.00   | \$ 300.00   | \$ 600.00     | \$ 600.00   | \$ 600.00     | \$ 600.00    |  |  |  |
| 46   | DUCTILE IRON WATER 4 INCH                               | FOOT  | 12.00     | \$ 50.00           | \$ 600.00     | \$ 600.00     | \$ 1,800.00   | \$ 50.00    | \$ 600.00     | \$ 600.00   | \$ 600.00     | \$ 600.00    |  |  |  |
| 47   | DUCTILE IRON WATER MAIN 4 INCH                          | FOOT  | 1,877.00  | \$ 75.00           | \$ 140,775.00 | \$ 140,775.00 | \$ 422,325.00   | \$ 70.00    | \$ 131,390.00 | \$ 75.00  | \$ 140,775.00 | \$ 75.00     | \$ 140,775.00  |  |  |
| 48   | DUCTILE IRON WATER MAIN 6 INCH                          | FOOT  | 1,600.00  | \$ 83.00           | \$ 132,800.00 | \$ 132,800.00 | \$ 398,400.00   | \$ 86.00    | \$ 137,600.00 | \$ 90.00  | \$ 144,000.00 | \$ 90.00     | \$ 144,000.00  |  |  |
| 49   | DUCTILE IRON WATER MAIN 10 INCH                         | FOOT  | 1.00      | \$ 1,500.00        | \$ 1,500.00   | \$ 1,500.00   | \$ 4,500.00   | \$ 1,500.00 | \$ 1,500.00   | \$ 1,500.00   | \$ 1,500.00   | \$ 1,500.00  |  |  |  |
| 50   | WATER VALVES 4 INCH                                     | EACH  | 1.00      | \$ 1,500.00        | \$ 1,500.00   | \$ 1,500.00   | \$ 4,500.00   | \$ 1,500.00 | \$ 1,500.00   | \$ 1,500.00   | \$ 1,500.00   | \$ 1,500.00  |  |  |  |
| 51   | WATER VALVES 6 INCH                                     | EACH  | 3.00      | \$ 1,700.00        | \$ 5,100.00   | \$ 5,100.00   | \$ 15,300.00  | \$ 1,750.00 | \$ 5,250.00   | \$ 1,750.00   | \$ 5,250.00   | \$ 5,250.00  |  |  |  |
| 52   | WATER VALVES 8 INCH                                     | EACH  | 14.00     | \$ 1,900.00        | \$ 26,600.00  | \$ 26,600.00  | \$ 79,800.00  | \$ 2,000.00 | \$ 28,000.00  | \$ 2,000.00   | \$ 28,000.00  | \$ 28,000.00 |  |  |  |
| 53   | WATER VALVES 10 INCH                                    | EACH  | 12.00     | \$ 2,400.00        | \$ 28,800.00  | \$ 28,800.00  | \$ 86,400.00  | \$ 2,500.00 | \$ 30,000.00  | \$ 2,500.00   | \$ 30,000.00  | \$ 30,000.00 |  |  |  |
| 54   | DUCTILE IRON WATER MAIN FITTINGS 4" - 45.00 DEGREE BEND | EACH  | 3.00      | \$ 200.00          | \$ 600.00     | \$ 600.00     | \$ 1,800.00   | \$ 200.00   | \$ 600.00     | \$ 200.00   | \$ 600.00     | \$ 600.00    |  |  |  |
| 55   | DUCTILE IRON WATER MAIN FITTINGS 6" - 90.00 DEGREE BEND | EACH  | 1.00      | \$ 225.00          | \$ 225.00     | \$ 225.00     | \$ 675.00   | \$ 225.00   | \$ 225.00     | \$ 225.00   | \$ 225.00     | \$ 225.00    |  |  |  |

| ITEM | DESCRIPTION  | UNIT  | QTY       | ENGINEERS ESTIMATE |               | Plate Construct, Inc, Hoffmann Estates, IL<br>Ph 847-695-9300 FX 847-695-9317 |               | Geneva Construction Co, Aurora IL<br>Ph 630-892-4357, FX 630-892-7738 |               | Builders Paving LLC, Hillside IL<br>Ph 847-419-9000; FX 847-419-9050 |               |
|------|--|-------|-----------|--------------------|---------------|---|---------------|---|---------------|--|---------------|
|      |  |       |           | UNIT PRICE         | TOTAL         | UNIT PRICE  | TOTAL         | UNIT PRICE  | TOTAL         | UNIT PRICE   | TOTAL         |
| 56   | DUCTILE IRON WATER MAIN FITTINGS 8" 45.00 DEGREE BEND          | EACH  | 6.00      | \$ 260.00          | \$ 1,560.00   | \$ 145.00   | \$ 870.00     | \$ 315.00   | \$ 1,890.00   | \$ 200.00  | \$ 1,200.00   |
| 57   | DUCTILE IRON WATER MAIN FITTINGS 10" 11.25 DEGREE BEND         | EACH  | 1.00      | \$ 725.00          | \$ 725.00     | \$ 600.00   | \$ 600.00     | \$ 330.00   | \$ 330.00     | \$ 376.90  | \$ 376.90     |
| 58   | DUCTILE IRON WATER MAIN FITTINGS 10" 45.00 DEGREE BEND         | EACH  | 5.00      | \$ 780.00          | \$ 3,900.00   | \$ 600.00   | \$ 3,000.00   | \$ 336.00   | \$ 1,680.00   | \$ 372.40  | \$ 1,862.00   |
| 59   | WATER SERVICE LINE 1.00 INCH                                   | FOOT  | 1,127.00  | \$ 35.00           | \$ 39,445.00  | \$ 45.00  | \$ 50,715.00  | \$ 5.00   | \$ 5,635.00   | \$ 5.80  | \$ 6,541.00   |
| 60   | WATER SERVICE LINE 2.00 INCH                                   | FOOT  | 42.00     | \$ 41.00           | \$ 1,722.00   | \$ 100.00   | \$ 4,200.00   | \$ 10.00  | \$ 420.00     | \$ 34.00   | \$ 1,428.00   |
| 61   | CORPORATION STOPS 1.00 INCH                                    | EACH  | 56.00     | \$ 625.00          | \$ 35,000.00  | \$ 750.00   | \$ 42,000.00  | \$ 750.00   | \$ 42,000.00  | \$ 1,650.65  | \$ 92,436.40  |
| 62   | CORPORATION STOPS 2.00 INCH                                    | EACH  | 2.00      | \$ 3,000.00        | \$ 6,000.00   | \$ 4,500.00   | \$ 9,000.00   | \$ 1,000.00   | \$ 2,000.00   | \$ 3,441.90  | \$ 6,883.80   |
| 63   | FIRE HYDRANTS TO BE REMOVED                                    | EACH  | 7.00      | \$ 600.00          | \$ 4,200.00   | \$ 4,500.00   | \$ 31,500.00  | \$ 1,000.00   | \$ 7,000.00   | \$ 338.15  | \$ 2,367.05   |
| 64   | FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX                | EACH  | 8.00      | \$ 6,000.00        | \$ 48,000.00  | \$ 4,500.00   | \$ 36,000.00  | \$ 2,500.00   | \$ 20,000.00  | \$ 5,425.00  | \$ 43,400.00  |
| 65   | DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED                    | EACH  | 5.00      | \$ 65.00           | \$ 325.00     | \$ 150.00   | \$ 750.00     | \$ 250.00   | \$ 1,250.00   | \$ 126.80  | \$ 634.50     |
| 66   | DOMESTIC WATER SERVICE BOXES TO BE REMOVED                     | EACH  | 58.00     | \$ 100.00          | \$ 5,800.00   | \$ 275.00   | \$ 16,050.00  | \$ 100.00   | \$ 5,800.00   | \$ 66.25   | \$ 3,852.50   |
| 67   | DOMESTIC WATER SERVICE BOXES                                   | EACH  | 1.00      | \$ 4,000.00        | \$ 4,000.00   | \$ 2,500.00   | \$ 2,500.00   | \$ 3,000.00   | \$ 3,000.00   | \$ 3,093.28  | \$ 3,093.28   |
| 68   | MANHOLES TYPE-A, 4-DIAMETER, TYPE-1 FRAME, OPEN LID            | EACH  | 10.00     | \$ 4,000.00        | \$ 40,000.00  | \$ 3,500.00   | \$ 35,000.00  | \$ 3,100.00   | \$ 31,000.00  | \$ 3,275.00  | \$ 32,750.00  |
| 69   | MANHOLES TYPE-A, 4-DIAMETER, TYPE-1 FRAME AND GRATE            | EACH  | 6.00      | \$ 4,000.00        | \$ 24,000.00  | \$ 3,500.00   | \$ 21,000.00  | \$ 3,100.00   | \$ 18,600.00  | \$ 4,200.00  | \$ 25,200.00  |
| 70   | MANHOLES TYPE-A, 4-DIAMETER, TYPE-1 FRAME, CLOSED LID          | EACH  | 5.00      | \$ 4,400.00        | \$ 22,000.00  | \$ 3,750.00   | \$ 18,750.00  | \$ 3,300.00   | \$ 16,500.00  | \$ 3,996.25  | \$ 19,981.25  |
| 71   | SANITARY MANHOLES TYPE-A, 2-DIAMETER, TYPE-1 FRAME, CLOSED LID | EACH  | 34.00     | \$ 4,500.00        | \$ 153,000.00 | \$ 3,250.00   | \$ 110,500.00 | \$ 4,500.00   | \$ 153,000.00 | \$ 4,200.00  | \$ 142,800.00 |
| 72   | MANHOLES TYPE-A, 2-DIAMETER, TYPE-1 FRAME, CLOSED LID          | EACH  | 39.00     | \$ 1,500.00        | \$ 58,500.00  | \$ 1,250.00   | \$ 48,750.00  | \$ 1,250.00   | \$ 48,750.00  | \$ 1,846.25  | \$ 71,456.25  |
| 73   | INLETS, TYPE-A, TYPE-11 FRAME AND GRATE                        | EACH  | 3.00      | \$ 1,500.00        | \$ 4,500.00   | \$ 1,750.00   | \$ 5,250.00   | \$ 1,500.00   | \$ 4,500.00   | \$ 1,886.25  | \$ 5,646.25   |
| 74   | INLETS, TYPE-A, TYPE-11 FRAME AND GRATE                        | EACH  | 7.00      | \$ 1,500.00        | \$ 10,500.00  | \$ 1,750.00   | \$ 12,250.00  | \$ 1,500.00   | \$ 10,500.00  | \$ 1,639.00  | \$ 11,473.00  |
| 75   | VALVE VAULTS, TYPE-A, 4-DIAMETER, TYPE-1 FRAME, CLOSED LID     | EACH  | 17.00     | \$ 4,000.00        | \$ 68,000.00  | \$ 2,500.00   | \$ 42,500.00  | \$ 2,000.00   | \$ 34,000.00  | \$ 2,225.00  | \$ 37,825.00  |
| 76   | VALVE VAULTS, TYPE-A, 4-DIAMETER, TYPE-1 FRAME, CLOSED LID     | EACH  | 3.00      | \$ 4,500.00        | \$ 13,500.00  | \$ 3,000.00   | \$ 9,000.00   | \$ 3,500.00   | \$ 10,500.00  | \$ 2,601.25  | \$ 7,803.75   |
| 77   | VALVE VAULTS, TYPE-A, 5-DIAMETER, TYPE-1 FRAME, CLOSED LID     | EACH  | 2.00      | \$ 250.00          | \$ 500.00     | \$ 450.00   | \$ 900.00     | \$ 500.00   | \$ 1,000.00   | \$ 588.90  | \$ 1,177.80   |
| 78   | VALVE BOX  | EACH  | 18.00     | \$ 400.00          | \$ 7,200.00   | \$ 600.00   | \$ 10,800.00  | \$ 1,000.00   | \$ 18,000.00  | \$ 301.90  | \$ 5,434.20   |
| 79   | REMOVING MANHOLES  | EACH  | 8.00      | \$ 200.00          | \$ 1,600.00   | \$ 200.00   | \$ 1,600.00   | \$ 100.00   | \$ 800.00     | \$ 139.40  | \$ 1,115.20   |
| 80   | REMOVING VALVE VAULTS  | EACH  | 8.00      | \$ 200.00          | \$ 1,600.00   | \$ 200.00   | \$ 1,600.00   | \$ 100.00   | \$ 800.00     | \$ 80.00   | \$ 640.00     |
| 81   | REMOVING VALVE BOXES   | EACH  | 37.00     | \$ 200.00          | \$ 7,400.00   | \$ 300.00   | \$ 11,100.00  | \$ 100.00   | \$ 3,700.00   | \$ 78.15   | \$ 2,891.55   |
| 82   | REMOVING INLETS  | EACH  | 7.00      | \$ 275.00          | \$ 1,925.00   | \$ 450.00   | \$ 3,150.00   | \$ 100.00   | \$ 700.00     | \$ 168.15  | \$ 1,177.05   |
| 83   | FILLING VALVE VAULTS   | FOOT  | 5,325.00  | \$ 19.25           | \$ 102,468.75 | \$ 20.75  | \$ 110,493.75 | \$ 17.20  | \$ 91,590.00  | \$ 19.00   | \$ 101,175.00 |
| 84   | COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6-12              | SO.FT | 338.00    | \$ 27.00           | \$ 9,126.00   | \$ 21.50  | \$ 7,267.00   | \$ 21.50  | \$ 7,267.00   | \$ 21.50   | \$ 7,267.00   |
| 85   | SIGN PANEL - TYPE 1  | EACH  | 170.00    | \$ 74.00           | \$ 12,580.00  | \$ 10.00  | \$ 1,700.00   | \$ 10.00  | \$ 1,700.00   | \$ 10.00   | \$ 1,700.00   |
| 86   | REMOVE SIGN PANEL ASSEMBLY - TYPE A                            | FOOT  | 1,000.00  | \$ 1.50            | \$ 1,500.00   | \$ 1.10   | \$ 1,100.00   | \$ 1.50   | \$ 1,500.00   | \$ 1.50  | \$ 1,500.00   |
| 87   | TELESCOPING STEEL SIGN SUPPORT                                 | FOOT  | 145.00    | \$ 65.00           | \$ 9,425.00   | \$ 50.00  | \$ 7,250.00   | \$ 75.00  | \$ 10,875.00  | \$ 96.55   | \$ 13,990.75  |
| 88   | PAVEMENT MARKING REMOVAL                                       | FOOT  | 895.00    | \$ 77.00           | \$ 68,915.00  | \$ 80.00  | \$ 71,600.00  | \$ 80.00  | \$ 71,600.00  | \$ 102.50  | \$ 91,840.00  |
| 89   | STORM SEWERS, CLASS B, TYPE II, 8 INCH                         | FOOT  | 176.00    | \$ 93.00           | \$ 16,368.00  | \$ 80.00  | \$ 14,080.00  | \$ 90.00  | \$ 15,840.00  | \$ 104.45  | \$ 18,448.20  |
| 90   | STORM SEWERS, CLASS B, TYPE II, 12 INCH                        | FOOT  | 165.00    | \$ 35.00           | \$ 5,775.00   | \$ 35.00  | \$ 5,775.00   | \$ 50.00  | \$ 8,250.00   | \$ 85.75   | \$ 14,186.25  |
| 91   | STORM SEWERS, CLASS B, TYPE II, 18 INCH                        | FOOT  | 19.00     | \$ 110.00          | \$ 2,090.00   | \$ 300.00   | \$ 5,700.00   | \$ 135.00   | \$ 2,565.00   | \$ 893.15  | \$ 16,965.85  |
| 92   | ROOF DRAIN, PVC SDR 26, 6 INCH                                 | FOOT  | 2,261.00  | \$ 21.00           | \$ 47,481.00  | \$ 27.00  | \$ 61,047.00  | \$ 14.50  | \$ 32,874.50  | \$ 10.00   | \$ 22,610.00  |
| 93   | GROUT REMOVAL AND REPLACEMENT                                  | FOOT  | 1.00      | \$ 500.00          | \$ 500.00     | \$ 225.00   | \$ 225.00     | \$ 300.00   | \$ 300.00     | \$ 300.00  | \$ 300.00     |
| 94   | BRICK PAVEMENT AND MASONRY REMOVAL AND REPLACEMENT             | FOOT  | 2,261.00  | \$ 27.80           | \$ 62,855.80  | \$ 24.50  | \$ 55,394.50  | \$ 34.00  | \$ 76,914.00  | \$ 32.00   | \$ 72,352.00  |
| 95   | CURB REMOVAL AND REPLACEMENT                                   | FOOT  | 1.00      | \$ 500.00          | \$ 500.00     | \$ 225.00   | \$ 225.00     | \$ 300.00   | \$ 300.00     | \$ 300.00  | \$ 300.00     |
| 96   | PILE EXISTING SANITARY SEWERS                                  | EACH  | 700.00    | \$ 65.00           | \$ 45,500.00  | \$ 50.00  | \$ 35,000.00  | \$ 50.00  | \$ 35,000.00  | \$ 726.85  | \$ 508,990.00 |
| 97   | SANITARY SEWER SERVICE REMOVAL AND REPLACEMENT                 | FOOT  | 915.00    | \$ 10.00           | \$ 9,150.00   | \$ 13.00  | \$ 11,895.00  | \$ 5.00   | \$ 4,575.00   | \$ 7.50  | \$ 6,862.50   |
| 98   | PVC SDR 26 SANITARY SEWER, 8 INCH                              | FOOT  | 9.00      | \$ 500.00          | \$ 4,500.00   | \$ 350.00   | \$ 3,150.00   | \$ 500.00   | \$ 4,500.00   | \$ 882.00  | \$ 7,938.00   |
| 99   | CAP EXISTING WATER MAIN  | FOOT  | 18.00     | \$ 13.00           | \$ 234.00     | \$ 20.00  | \$ 360.00     | \$ 5.00   | \$ 90.00      | \$ 6.45  | \$ 116.10     |
| 100  | WATER MAIN REMOVAL, 4 INCH                                     | FOOT  | 1.00      | \$ 70,000.00       | \$ 70,000.00  | \$ 25,000.00  | \$ 25,000.00  | \$ 5,000.00   | \$ 5,000.00   | \$ 1,425.00  | \$ 1,425.00   |
| 101  | WATER MAIN REMOVAL, 6 INCH                                     | FOOT  | 557.00    | \$ 5.75            | \$ 3,190.75   | \$ 4.00   | \$ 2,228.00   | \$ 4.00   | \$ 2,228.00   | \$ 4.00  | \$ 2,228.00   |
| 102  | TRAFFIC CONTROL AND PROTECTION (SPECIAL)                       | SO.FT | 11,468.00 | \$ 1.00            | \$ 11,468.00  | \$ 0.45   | \$ 5,160.60   | \$ 0.45   | \$ 5,160.60   | \$ 0.45  | \$ 5,160.60   |
| 103  | URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS                | FOOT  | 2,176.00  | \$ 1.50            | \$ 3,264.00   | \$ 0.80   | \$ 1,740.80   | \$ 0.80   | \$ 1,740.80   | \$ 2.00  | \$ 4,352.00   |
| 104  | URETHANE PAVEMENT MARKING - LINE 1 INCH                        | FOOT  | 2,176.00  | \$ 3.00            | \$ 6,528.00   | \$ 2.00   | \$ 4,352.00   | \$ 2.00   | \$ 4,352.00   | \$ 2.00  | \$ 4,352.00   |
| 105  | URETHANE PAVEMENT MARKING - LINE 6 INCH                        | FOOT  | 4,352.00  | \$ 6.00            | \$ 26,112.00  | \$ 4.00   | \$ 17,408.00  | \$ 4.00   | \$ 17,408.00  | \$ 4.00  | \$ 17,408.00  |
| 106  | URETHANE PAVEMENT MARKING - LINE 12 INCH                       | FOOT  | 4,352.00  | \$ 12.75           | \$ 55,857.75  | \$ 9.00   | \$ 39,120.00  | \$ 9.00   | \$ 39,120.00  | \$ 9.00  | \$ 39,120.00  |
| 107  | URETHANE PAVEMENT MARKING - LINE 24 INCH                       | FOOT  | 4,352.00  | \$ 40.00           | \$ 174,080.00 | \$ 31.00  | \$ 134,912.00 | \$ 31.00  | \$ 134,912.00 | \$ 31.00   | \$ 134,912.00 |
| 108  | PARKWAY RESTORATION  | SO.YD | 146.00    | \$ 50.00           | \$ 7,300.00   | \$ 60.00  | \$ 8,760.00   | \$ 60.00  | \$ 8,760.00   | \$ 60.00   | \$ 8,760.00   |
| 109  | HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 1 INCH                      | SO.YD | 50.00     | \$ 69.00           | \$ 3,450.00   | \$ 34.00  | \$ 2,336.00   | \$ 34.00  | \$ 2,336.00   | \$ 34.00   | \$ 2,336.00   |
| 110  | HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 1 INCH                      | SO.YD | 21.00     | \$ 400.00          | \$ 8,400.00   | \$ 3,400.00   | \$ 7,140.00   | \$ 3,400.00   | \$ 7,140.00   | \$ 3,400.00  | \$ 7,140.00   |
| 111  | SIDEWALK REPAIR (SPECIAL)                                      | EACH  | 1.00      | \$ 20,000.00       | \$ 20,000.00  | \$ 15,750.00  | \$ 15,750.00  | \$ 4,000.00   | \$ 4,000.00   | \$ 4,000.00  | \$ 4,000.00   |
| 112  | DRAINAGE AND UTILITY STRUCTURES TO BE ADJUSTED                 | EACH  | 46.00     | \$ 250.00          | \$ 11,500.00  | \$ 575.00   | \$ 26,450.00  | \$ 700.00   | \$ 32,200.00  | \$ 1,181.17  | \$ 54,381.47  |
| 113  | CONSTRUCTION LAYOUT  | EACH  | 2.00      | \$ 800.00          | \$ 1,600.00   | \$ 700.00   | \$ 1,400.00   | \$ 950.00   | \$ 1,900.00   | \$ 1,900.00  | \$ 1,900.00   |
| 114  | CURB STOPS 1.00 INCH   | EACH  | 291.00    | \$ 85.00           | \$ 24,735.00  | \$ 60.00  | \$ 17,460.00  | \$ 75.00  | \$ 21,825.00  | \$ 112.90  | \$ 32,853.90  |
| 115  | CURB STOPS 2.00 INCH   | EACH  | 2.00      | \$ 800.00          | \$ 1,600.00   | \$ 700.00   | \$ 1,400.00   | \$ 950.00   | \$ 1,900.00   | \$ 1,900.00  | \$ 1,900.00   |
| 116  | STORM SEWER (WATER MAIN REQUIREMENTS) 8 INCH                   | FOOT  | 291.00    | \$ 85.00           | \$ 24,735.00  | \$ 60.00  | \$ 17,460.00  | \$ 75.00  | \$ 21,825.00  | \$ 112.90  | \$ 32,853.90  |

| ITEM          | DESCRIPTION                                   | UNIT  | QTY      | ENGINEERS ESTIMATE |                     | Plote Construct, Inc. Hoffmann Estates, IL<br>Ph 847-695-9300 FX 847-695-9317 |                     | Geneva Construction Co, Aurora IL<br>Ph 630-892-4387, FX 630-892-7738 |                     | Builders Paving LLC, Hillside IL<br>Ph 847-419-9000; FX 847-419-9050 |                     |
|---------------|---|-------|----------|--------------------|---------------------|---|---------------------|---|---------------------|--|---------------------|
|               |   |       |          | UNIT PRICE         | TOTAL               | UNIT PRICE  | TOTAL               | UNIT PRICE  | TOTAL               | UNIT PRICE   | TOTAL               |
| 117           | STORM SEWER (WATER MAIN REQUIREMENTS) 10 INCH | FOOT  | 26.00    | \$ 91.00           | \$ 2,366.00         | \$ 68.00  | \$ 1,690.00         | \$ 80.00  | \$ 2,080.00         | \$ 118.55  | \$ 3,082.30         |
| 118           | STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH | FOOT  | 576.00   | \$ 95.00           | \$ 54,720.00        | \$ 75.00  | \$ 43,200.00        | \$ 85.00  | \$ 48,960.00        | \$ 159.05  | \$ 91,612.80        |
| 119           | STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH | FOOT  | 34.00    | \$ 106.00          | \$ 3,604.00         | \$ 95.00  | \$ 3,230.00         | \$ 99.00  | \$ 3,060.00         | \$ 173.65  | \$ 5,904.10         |
| 120           | STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH | FOOT  | 32.00    | \$ 114.00          | \$ 3,648.00         | \$ 113.00   | \$ 3,616.00         | \$ 95.00  | \$ 3,040.00         | \$ 190.50  | \$ 6,096.00         |
| 121           | DUCTILE IRON CASING PIPE 3 INCH               | FOOT  | 212.00   | \$ 25.80           | \$ 5,469.60         | \$ 85.00  | \$ 18,105.00        | \$ 50.00  | \$ 10,640.00        | \$ 66.90   | \$ 14,249.70        |
| 122           | STEEL CASING PIPE 12 INCH                     | FOOT  | 14.00    | \$ 180.00          | \$ 2,520.00         | \$ 105.00   | \$ 1,470.00         | \$ 55.00  | \$ 770.00           | \$ 109.65  | \$ 1,535.10         |
| 123           | STEEL CASING PIPE 16 INCH                     | FOOT  | 16.00    | \$ 225.00          | \$ 3,600.00         | \$ 125.00   | \$ 2,000.00         | \$ 60.00  | \$ 960.00           | \$ 118.65  | \$ 1,898.40         |
| 124           | BRICK PAVERS REMOVAL AND DISPOSAL             | SO YD | 1,034.00 | \$ 4.00            | \$ 4,136.00         | \$ 7.75   | \$ 8,013.50         | \$ 4.00   | \$ 4,136.00         | \$ 10.00   | \$ 10,340.00        |
| <b>TOTALS</b> |   |       |          | <b>\$</b>          | <b>3,090,497.05</b> | <b>\$</b>   | <b>2,763,031.25</b> | <b>\$</b>   | <b>2,996,963.78</b> | <b>\$</b>  | <b>3,398,893.00</b> |

# CITY OF GENEVA 2017 STREET IMPROVEMENTS COUNTY OF KANE, STATE OF ILLINOIS



| NO. | STREET NAME               | FROM            | TO              |
|-----|---------------------------|-----------------|-----------------|
| 1   | RICHARDS STREET           | UNION STREET    | PEYTON STREET   |
| 2   | STEVENS STREET            | SIXTH STREET    | MCKINLEY AVENUE |
| 3   | HOWARD STREET             | DODSON STREET   | WALL STREET     |
| 4   | SCHOOL STREET             | DODSON STREET   | STATE STREET    |
| 5   | OAK WOOD DRIVE            | PARK AVENUE     | SCHOOL STREET   |
| 6   | AUSTIN AVENUE             | PARK AVENUE     | SCHOOL STREET   |
| 7   | JEFFERSON STREET          | HARRISON STREET | BENNETT STREET  |
| 8   | SUMMIT STREET             | HARRISON STREET | SCHOOL STREET   |
| 9   | STATE STREET (Patching)   | EAST SIDE DRIVE | NEBRASKA STREET |
| 10  | OAK HILL CEMETERY         | FIFTH AVENUE    | FOURTH AVENUE   |
| 11  | HAMILTON ST (Parking Lot) | SECOND STREET   | THIRD STREET    |



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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NOT TO SCALE

**Legend**

- Resurfacing
- Wear, Man and Recondition
- Wear, Man and Resurfacing
- Patching



Brian Schiber  
Illinois registered professional engineer  
License number: 062.050872  
Expiration date: 11/30/2017

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

vault: Plote

**CONTRACT DOCUMENTS  
FOR  
2017 STREET IMPROVEMENTS  
CITY OF GENEVA, ILLINOIS**

**CONTRACTOR'S NAME: PLOTE CONSTRUCTION INC.**

**STREET ADDRESS: 1100 BRANDT DRIVE**

**CITY: HOFFMAN ESTATES**

**STATE: ILLINOIS**

**ZIP CODE: 60192**

JUNE 2017

*(This Document has 64 Pages Total)*

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# **NOTICE TO BIDDERS**

## **Time and Place of Opening of Bids**

Complete bids shall be submitted in **duplicate**, in sealed envelopes with the words "2017 STREET IMPROVEMENTS" clearly marked on them, will be received by the City of Geneva, Illinois until **10:00 a.m. on June 01, 2017** 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 2017 STREET IMPROVEMENTS will be for the improvement of nine (9) City streets, water main work and resurfacing in Oak Hill Cemetery; reconstructing one (1) parking lot, patching on Rt-38 and crack filling. Approximately three (3.0) miles of streets will be reconstructed or resurfaced, and two (2.0) miles of streets will be routed and crack filled. Richards Street and Stevens Street will get water main replacement, sanitary and storm sewers partial replacement and reconstructed. The other streets will get drainage improvements (removal and replacement of deteriorated Inlets, Manholes), removal and replacement of deteriorated Curb and Sidewalk (partially or 100%) and they will be milled and resurfaced. Parkway will be restored with topsoil, seed and mulch.

## **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) completed copies of the entire Bid Documents.
- 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 bid schedule 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 according to the contract. The scheduled quantities of work to be done and materials to be furnished may be increased, decreased or omitted as hereinafter provided.
- 6) Submission of a bid 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 his bid package and errors in the proposal resulting from failure or neglect to conduct an in depth examination of the site and the plans & specifications. The City will, in no case be responsible for any cost, expenses, losses or changes in anticipated profits resulting from the errors and omissions of the bidder.
- 7) The bidder shall not take advantage of any errors or omissions in the proposal and advertised contract.
- 8) Bidder may withdraw their proposal if the bidder makes the request in writing or in person before the time specified for opening the proposals.
- 9) All employees and suppliers working on this project shall be paid no less than the prevailing rate of wages as determined by the Illinois Department of Labor.
- 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 the tasks as listed in this contract.

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 an error, 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.

The Contractor shall comply with all applicable laws.

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 these contract 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.

The contract shall be deemed as having been awarded when a written Notice of Award is received by the successful Bidder after which time the successful Bidder shall have a maximum of 15 days to submit the necessary documentation. A Notice to Proceed will be issued before the Contractor is allowed to start any work.

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 and 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 has completed soil testing on all the local streets listed in the bid documents. Bidders are allowed to review the results of this testing.

Before an award of the contract is made the Contractor may be required, upon request by the City, to furnish any or all of the following information:

- a. His performance record
- b. Address and description of his plant or permanent place of business
- c. An itemized list of his equipment
- d. His financial statement
- e. Other information showing the Bidder is able to complete the 2017 Street Improvements

**SPECIAL PROVISIONS  
FOR  
CITY OF GENEVA  
2017 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. The Illinois Plumbing Code and the Illinois Plumbing License Law in effect at the time of bidding shall also apply. All the above shall govern the construction of this project. If there are any conflicts with the above the most stringent shall apply.

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

**PLUMBING**

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

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

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

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

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

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

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

(1) For a first offense:

(A) Where no violations of the Illinois Plumbing Code are found, the person shall pay a civil penalty of \$1,000 and may be referred to the State's Attorney or the Attorney General for prosecution under Section 29 of this Act.

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

(2) For a second offense:

(A) Where no violations of the Illinois Plumbing Code are found, the person shall pay a civil penalty of \$3,000 and may be referred to the State's Attorney or the Attorney General for prosecution under Section 29 of this Act.

(B) Where violations of the Illinois Plumbing Code are found, the person shall pay a civil penalty of \$5,000 (the amount of \$5,000 may be reduced to \$3,000 upon the condition that the unregistered person pays for a licensed plumber who is acceptable to the other party to the original contract or agreement to correct the violations of the Illinois Plumbing Code) and may be referred to the State's Attorney or the Attorney General for prosecution under Section 29 of this Act.

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

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

(1) For a first offense, the registrant:

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

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

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

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

(2) For a second offense, the registrant:

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

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

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

(D) shall be referred to the State's Attorney or the Attorney General for prosecution under Section 29 of this Act.  
(Source: P.A. 94-101, eff. 1-1-08.)

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

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

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

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

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

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

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

**INCLUDED CONSTRUCTION COSTS**

All costs associated with any work (material, equipment and/or labor) that are not listed as a line item but are germane to the completion of this project or any part thereof, in a workmanlike manner, the cost(s) shall be included in the bid price.

**DESCRIPTION OF IMPROVEMENT**

For all work included in this contract all the materials, labor, equipment, and incidentals shall be included in the cost. Nine (9) different streets (in part or the whole) are scheduled for improvement under this contract. There will be spot removal and replacement of the curb & sidewalk on most streets but some blocks on two streets (Richards Street and Jefferson Street) will have 100% of the curb removed and replaced. Richards Street and Stevens Street will be reconstructed: the existing PCC pavement will be removed and replaced with HMA. On Richards Street the finish cross section will be 12 inches aggregate (minimum) below 3.75 inch of HMA. Stevens Street will be replaced with a full depth HMA. One block of Jefferson Street has a course of brick pavers (2.5 inches thick) that will be removed and

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replaced with HMA. On the other streets, typically 3.50 inches of the existing HMA pavement will be milled. All Binder courses will be capped with a 1.50 inch Surface course of HMA. On streets with aggregate base, when the HMA pavement is removed and the aggregate base is proof rolled, some locations may be marked for undercutting. The areas marked will be removed to a depth approved by the Engineer. The aggregate base will then be replaced and compacted. This work also consists of the replacement and/or installation of water main, storm sewers and sanitary sewers on Richards Street and on Stevens Street. About 340 feet of water main will be placed and other sections will be abandoned in Oak Hill Cemetery. Pavement Maintenance (crack filling) is also a part of this project. A list of the streets that will be cracked filled will be provided to the Contractor at the Preconstruction Meeting. The parking lot located at the southwest corner of Second Street and Hamilton Street will also be improved under this contract. The combined length of all streets included in this project is approximately five (5.0) miles.

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. All exposed subbase, on all streets, shall be paved with the first course of HMA within 72 hours of removing the pavement unless otherwise allowed by the Engineer. This requirement shall be strictly enforced on streets that do not have full depth PCC, HMA and roads that will be reconstructed. 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 PCC or HMA 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. Streets with a granular subbase shall be proof rolled before the first 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 & lids shall be adjusted or replaced and some of the drainage structures will need to be grouted. The deteriorated frames or lids will be replaced the City will supply replacement frames and lids or grates and the Contractor will be compensated to adjust the new frame and grate at the correct elevation. Driveways and right-of-ways disturbed during construction shall be restored. Topsoil, fertilizer and grass seeds will be used to restore all disturbed grassed area. Parkway restoration shall be done immediately after the HMA is in place and/or the PCC is sufficiently cured.

The following streets shall be improved within the limits shown:

| <b>STREET NAME</b>              | <b>FROM</b>     | <b>TO</b>       |
|---------------------------------|-----------------|-----------------|
| 1. RICHARDS STREET              | UNION STREET    | PEYTON STREET   |
| 2. STEVENS STREET               | SIXTH STREET    | MCKINLEY AVENUE |
| 3. HOWARD STREET                | DODSON STREET   | WALL STREET     |
| 4. SCHOOL STREET                | DODSON STREET   | STATE STREET    |
| 5. OAKWOOD DRIVE                | PARK AVENUE     | SCHOOL STREET   |
| 6. AUSTIN AVENUE                | PARK AVENUE     | SCHOOL STREET   |
| 7. JEFFERSON STREET             | HARRISON STREET | BENNETT STREET  |
| 8. SUMMIT STREET                | HARRISON STREET | SCHOOL STREET   |
| 9. STATE STREET (Patching Only) | EAST SIDE DRIVE | NEBRASKA STREET |
| 10. OAK HILL CEMETERY           | FIFTH AVENUE    | FOURTH AVENUE   |

11. HAMILTON ST (Parking Lot)      SECOND STREET      THIRD STREET

**CONSTRUCTION SCHEDULE**

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

| <u>Item</u>                | <u>Date</u>        | <u>Comment</u>                     |
|----------------------------|--------------------|------------------------------------|
| Bid Opening                | June 1, 2017       | 10:00AM @ City Hall                |
| City Council Award         | June 19, 2017      |                                    |
| Notice of Award            | June 20, 2017      |                                    |
| Preconstruction Meeting    | June 29, 2017      | 1:00 PM @ Geneva P.W.              |
| Notice to proceed          | June 30, 2017      | Tentative                          |
| Substantial 95% Completion | September 22, 2017 | Restoration & Punch List Remaining |
| 100% Completion            | October 6, 2017    | 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 wave technicalities, delete part(s) of this contract or reject all bids. The aforementioned deletions shall not alter the contract unit prices. The Contractor shall be compensated at the contract unit price for any allowable quantity increase. If there is a change to a line item that is determined to cause the Contractor to not be able to complete the project within the specified timeframe, 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.

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

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

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

From the date of final payment, the Contractor shall provide the City with a one-year maintenance warranty for all work done under this contract. The Contractor shall secure a maintenance bond for 10% of the awarded contract amount. 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.

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

Typically, all onsite construction activities shall be conducted between the hours of 7:00 a.m. and 5:00 p.m. Monday to Friday. However, City Ordinance does allow for longer workdays. During extremely high temperatures the City may allow earlier starts. No scheduled work will be done on Saturdays, Sundays and holidays observed 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 day on which work is not allowed, construction equipment shall NOT be started, cleaned, serviced, removed from or dropped off within the construction limits, the staging area, or on any other street in the City of Geneva.**

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

The Engineer shall be provided 72 hours notice for all work items requiring layout and a 24 hours notice for inspections. The Engineer will field measure and mark all pay items slated for removal and replacement prior to their removal and shall be called by the Contractor for inspection and approval before replacement. No compensation will be allowed for any 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 four (4) copies of the plans and specifications. 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 excess. The Contractor shall be paid ONLY for the allowable quantity of**

**items measured in place paid for at the unit prices specified in the contract for each item. If the Contractor delivers and places additional materials or quantities on site, no compensation will be allowed for any cost associated with the excess. If the Contractor does not deliver and place the necessary amount of material as required by the contract for a particular item, the unit price for that item shall be discounted by the allowable percentage 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 disposal location. The City will supply frames & lids or grates as replacements for those which are deemed unusable. All costs associated with the removal, the placement, and the disposal of the unusable frames & lids or grates shall be included in the price of the line item DRAINAGE AND UTILITY STRUCTURES TO BE ADJUSTED.

Saw cutting the existing pavement, sidewalk, curb or along the face of the curb in order to separate that portion to be removed from that which will remain in place shall not be paid for separately, but shall be included in the price of the item that is being removed and/or replaced.

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

None-share mission couplings will be used at all locations on sewer pipe repairs where applicable and shall be included in the pay item.

#### **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 precautions and programs in connection with his work. The Contractor shall take all necessary precautions for the safety of, and shall provide the necessary protection to prevent damage, injury or loss to:

1. All employees on the work site and other persons and organizations who could be affected thereby;

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

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

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

#### **BASE CLEANING**

Prior to applying the bituminous prime coat and/or paving, the existing base shall be cleaned of all dust, dirt, weeds, and other harmful materials. 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 sweeping 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 mailed or hand delivered to the City Administrator's office at City Hall located at 22 South First Street, Geneva, Illinois 60134-2547. No bids will be accepted after the specified time. Bids transmitted electronically will not be accepted, opened, or read.

### **INTERPRETATION OF BID DOCUMENTS**

Bidders' questions on the intent or meaning of the bid documents shall be in writing submitted to the Engineer. 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 and other interpretations or clarifications will be without legal effect. Bidders' questions on the intent or meaning of any part(s) of the bid document received less than 10 days prior to the bid opening date will not be entertained.

### **EXECUTION OF THE CONTRACT**

The 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.

### **BIDDER QUALIFICATIONS**

Only firms that are pre-qualified by Illinois Department of Transportation for a work-rating limit of more than the quantities listed in his proposal (with no restrictions) will be considered as eligible for bidding

as the Contractor. The Contractor shall in no case subcontract to any other company(s) and/or firm(s) for which the combined amount is more than fifty percent of his bid. **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 in a workmanlike manner 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**

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 present, in writing, a detailed construction schedule. Starting and completion dates for the construction operations, location of off-site disposal areas, access routes to be used, and locating of equipment and material storage sites will also be discussed then. Once approved, the Contractor shall adhere to the work schedule as close as possible so that layouts and construction limits can be marked in a timely manner. If the schedule changes by more than two weeks, the Contractor shall submit a revised work schedule.

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

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

If a road or any part of a road needs to be closed to vehicular traffic for non-emergency work the Engineer and emergency services must be notified no less than 48 hours in advance. An earnest effort shall be made to reopen the roadway to vehicular traffic as soon as possible. The Contractor, as part of the TRAFFIC CONTROL AND PROTECTION (TCP) item, shall furnish, erect, remove, and maintain all construction signs, barricades and other traffic control devices. TCP includes certified Flaggers to control the flow of traffic when needed. All flaggers in non-emergency situations shall be certified. 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. The safety of the general public is paramount. All means necessary to ensure their safety and the safety of the workers must 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 anytime it is determined that the Contractor is not restoring the roadway in a timely manner such that the roadway is left without any pavement for longer than the required time. See Article 108.07 of the Standard Specification for other reasons for work stoppage by the Engineer.

#### **MAINTENANCE & CLEANING OF ROADWAY DURING CONSTRUCTION**

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

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

Any and all cost or charges to the Contractor associated with proper maintenance and cleaning of the roadway before the City accepts the project as complete shall be incidental; no additional compensation will be allowed. Any costs incurred by the City to maintain the roadway free of construction debris shall be passed on to the Contractor and deducted from the final payment. Staging areas shall be maintained in an orderly manner and safe manner during construction and it shall be cleaned before the final payment is released.

#### **PAVING ACTIVITY**

Prior to placing the HMA Surface Course, the entire road surface shall be swept cleaned and primed. A sweeper meeting current standards shall be used to clean the roadway. It shall be the Contractor's

responsibility to find an appropriate dumpsite or landfill to dispose of the material from the sweeper.

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 onto and over the fresh mat with a rake or a shovel but shall be placed in a manner such that on the second pass enough material is placed to close the seam.

#### **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 call in a notice to the Engineer and the emergency dispatch. In cases where an elderly or physically challenged person needs access, the Contractor shall afford ingress and/or egress within a reasonable distance and shall maintain this access or facilitate the residents' ingress and/or egress as needed. If it is practical and will minimize the time an elderly or physically challenged resident will have access, the Contractor shall pour their driveway, sidewalk or curb in two pours. The cost to comply with the terms of this requirement shall be considered included in the cost of the contract.

The Contractor shall provide business owners and motorists twenty-four (24) hours advance notice of parking restrictions with appropriate signs and/or barricades (see TRAFFIC CONTROL AND PROTECTION). The City will supply the Contractor with copies of each notice to be handed out by the Contractor. After mobilization and before work begins, the contractor shall hand out the notices (that will be provided by the City) to residents and business owners of adjacent properties that will be affected by his work.

#### **FLOW OF TRAFFIC**

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

#### **CLEAN CONSTRUCTION AND DEMOLITION DEBRIS**

The Contractor shall excavate a minimum amount (no more than six inches) 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. Where the Contractor chooses to reuse this material it shall be capped with pulverized topsoil and restored per the plan and specifications. The City has completed Geotechnical work at random locations and it was determined that the elements present in the soils are within the acceptable limits. These results are available at the Department of Public Works. Based on our records regarding past land use, all streets listed in this contract are outside contaminated areas.

If any material is found in the field to be contaminated preventing disposal as Clean Construction and Demolition Debris (CCDD), the location of this material shall first be identified and then shown to the Engineer prior to its removal. 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 verified prior to its removal, disposal of this material shall then be paid for per Section 109.04 of the Standard Specifications. Failure to properly identify and notify the Engineer prior to removal of potentially contaminated material shall result in no compensation being made to the Contractor for disposal of materials denied acceptance 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. When water use is allowed from designated hydrants, the water shall be metered. The Contractor can obtain a hydrant meter from the City of Geneva's Public Works Department. Use of a water hose larger than two (2") inches shall ONLY be connected onto hydrants at the public works facility at 1800 South Street. This water can then be trucked to the location where it will be used. The Contractor may be allowed up to a two (2") inch water hose on most hydrants in town. The following deposit is required for all meters obtained through the City: \$1,000.00 for a two (2) inch or larger water meter and \$200.00 for meters smaller than two (2) inch. After the project is completed, the Contractor will return the meter to the Engineer, and his deposit will be returned. 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 section shall be included in the total cost of the contract. No additional compensation shall be allowed.

#### **MAILBOXES AND STREET SIGNS**

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

As soon as construction operations permit, the Contractor shall reset the mailboxes and street signs at their permanent locations. All mailboxes shall be placed at a height of 36 inches to 42 inches measured

from the bottom of the mailbox to the top of the curb or to the surface of the roadway if there is no curb. The face of the mailbox shall be placed 9 inches to 12 inches behind the curb measured horizontally from the back of the curb or the edge of pavement if there is no curb. The Contractor shall replace at his own expense any mailbox, mailbox post, or signs that has been damaged by the Contractor's operation. The street signs shall be placed according to the MUTCD or as approved by the Engineer.

#### **PROTECTION OF PUBLIC & PRIVATE PROPERTY**

The Contractor shall exercise reasonable care to protect all existing features in the public RIGHT-OF-WAY that will remain in place including landscaping, fences, sprinkler systems, drain lines, power lines, and any other public or private property. 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 material that can slow down or inhibit flow shall be removed immediately. The contractor will not be compensated for the removal of construction materials from drainage structures.

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

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

#### **EXISTING UTILITIES**

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

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

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

### **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.

### **TREE PROTECTION** **TREE ROOT PRUNING**

#### **WORK DESCRIPTION:**

This work shall consist of the protection of existing tree and other plantings to be saved. The trunk shall be protected, with temporary fencing and the roots of all plantings shall be protected from damage by cutting the roots in an approved manner to minimize the impact on the planting. All trees that will be saved inside and outside of the right-of-way and the construction limits shall be protected from damage. If any damage is caused by the Contractor, the plantings shall be replaced in kind and value. The City shall trim all trees before the work starts. This work shall be done in accordance to Section 201 of the Standard Specifications, in so far as it applies.

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

This work shall be measured for payment for each TREE PROTECTION and for each TREE ROOT PRUNING.

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

This work will be paid for at the contract unit price per each TREE PROTECTION and for each TREE ROOT PRUNING, which price shall include all labor, materials, incidentals and equipment necessary to complete the work to current standards and in a workmanlike manner.

### **TRENCH BACKFILL**

#### **WORK DESCRIPTION**

This work shall consist of furnishing, placing, and compacting aggregate for backfilling all trenches to the acceptable widths and within the zone of influence of the roadway. The backfill material shall be approved by the Engineer and the work shall be done in accordance with Section 208 of the Standard Specifications and the applicable Sections of the Standard Specifications for water and Sewer Main Construction in Illinois. Recycled material, with a gradation acceptable to the Engineer that is generated

at an IDOT approved source, shall be allowed as trench backfill. It shall be deposited in uniform layers not exceeding twelve (12) inches thick and each layer shall be compacted by mechanical means to a minimum Standard Proctor of 90%. Jetting will not be allowed.

**METHOD OF MEASUREMENT**

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

**BASIS OF PAYMENT**

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

**INLET FILTERS**

**WORK DESCRIPTION:**

This work consists of the furnishing, placing, maintain of the inlet filter baskets and the removal of same after the grass is established sufficiently that no topsoil will migrate to the drainage structures during rain events.

**METHOD OF MEASUREMENT:**

This work shall be measured for payment for each INLET FILTERS.

**BASIS OF PAYMENT:**

The work will be paid for at the contract unit price per each INLET FILTERS, which price shall include all equipment, labor, material and incidentals necessary to complete this work to current standards and in a workmanlike manner.

**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, including aggregate used for the PREPARATION OF BASE, 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.

**PREPARATION OF BASE**

**WORK DESCRIPTION:**

The work shall be done in accordance with Section 358 of the Standard Specifications. It will include blading, and preparing the base with a proper crown before paving. Sweeping the granular base or picking up pieces of asphalt and milled material after the HMA surface is milled does not qualify as preparation of base. This item will only be used as needed and as determined after the removal of the HMA surface. The Engineer will then indicate to the Contractor the area and the extent of any preparation of base.

**METHOD OF MEASUREMENT:**

This work shall be measured for payment in square yards.

**BASIS OF PAYMENT:**

This work shall be paid for at the contract unit price per square yard of PREPARATION OF BASE, which price shall include all labor, materials (except granular material), incidentals and equipment necessary to complete the work to current standards and in a workmanlike manner. If any granular material is needed it will be paid for at the contract unit price per cubic yard of SUBBASE GRANULAR MATERIAL, TYPE B, and as specified elsewhere in these Special Provisions.

**AGGREGATE SUBGRADE, 4 INCH**  
**AGGREGATE SUBGRADE, 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 SUBGRADE, 4 INCH or AGGREGATE SUBGRADE, 12 INCH, which price shall include all equipment, labor, material and incidentals necessary to complete this work to current standards and in a workmanlike manner.

**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 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 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 and 408 and any other applicable Sections of the Standard Specifications.

Applications rates for bituminous materials (prime coat) shall be 0.075-gallons/sq. yd. on HMA surfaces and 0.30-gallons/sq. yd. on aggregate surfaces. Bituminous materials (prime coat) shall be MC-30. Applications rates for aggregate (prime coat) shall be 4.0-pounds/sq. yd.

**METHOD OF MEASUREMENT:**

This work shall be measured for payment as specified in Section 406.

**BASIS OF PAYMENT:**

This work will be paid for at the contract unit price per gallon 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 and in a workmanlike manner.

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

**WORK DESCRIPTION:**

The work consists of 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. 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.

**PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7"**

**PORTLAND CEMENT CONCRETE SIDEWALK, 5"**

**PORTLAND CEMENT CONCRETE SIDEWALK, 7"**

**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. 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"; per square feet for PORTLAND CEMENT CONCRETE SIDEWALK, 5" and PORTLAND CEMENT CONCRETE SIDEWALK, 7", 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.

**PAVEMENT REMOVAL**

**WORK DESCRIPTION:**

This work shall consist of full depth saw cutting of the existing pavement as needed on Richards Street (Union Street to Peyton Street) and Stevens Street (Sixth Street to Richards Street), the removing and the disposing of same (see pavement cross section). This Pavement Removal item will only be paid for once regardless if more than one pass is made to remove the pavement. All cost associated with this work shall be included in the cost of this item. Granular material shall be delivered to the site, placed and compacted as the street is being undercut.

**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 PAVEMENT REMOVAL, which price will include all labor, equipment, materials and incidentals necessary to complete the work to current standards and in a workmanlike manner.

**HMA SURFACE REMOVAL, 3 1/2"**

**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 be milled down to the maximum depth specified by this pay item (3.50"). 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 in the face of the curb would translate onto the edge of pavement and would cause unacceptable variations along the edge of pavement. The Contractor shall be responsible for protecting the curb and gutter from damage during the milling operations. 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 six (6) 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, 3 1/2", 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.

**JOINT OR CRACK FILLING**

**WORK DESCRIPTION:**

This work shall be done according to Section 451 of the Standard Specifications in so far as it applies and with the following exceptions:

**Resident Notification**

On streets where crack-filling will be applied, the Contractor shall furnish and place a sign at ALL limits (including cross streets) of the crack filling operation 24 hours in advance of any crack filling work for the purposes of resident notification. The sign shall read similar to the following: "ROADWAY CRACK FILLING NEXT 24 HOURS. PLEASE MOVE VEHICLES OFF STREET" and shall be at least 3 feet by 3 feet. The lettering and the background of the sign shall be contrasting colors for increased visibility.

The material used shall be manufactured for this application and approved by the Engineer. It shall be a rubberized asphaltic material.

**Street Sweeping**

The streets shall be swept clean of shavings and other debris from the crack sealing process at the end of each day's operations.

**METHOD OF MEASUREMENT**

Article 451.05 shall be replaced with the following: this work will be measured for payment per pound. Payment will only be made for boxes of material used on this project that have been numbered, collapsed, stacked and stored by the Contractor at an agreed location at the Geneva Public Works Building. Crack routing and street sweeping shall be included in the price per pound of JOINT OR CRACK FILLING. An agreed count of all boxes used shall be made at the end of each working day.

**BASIS OF PAYMENT**

Article 451.06 shall be replaced with the following: this work will be paid for at the contract unit price per pound for JOINT OR CRACK FILLING.

- DUCTILE IRON WATER MAIN, 4 INCH**
- DUCTILE IRON WATER MAIN, 6 INCH**
- DUCTILE IRON WATER MAIN, 8 INCH**
- DUCTILE IRON WATER MAIN, 10 INCH**
- DUCTILE IRON WATER MAIN FITTINGS**

**WORK DESCRIPTION:**

This work and all other work directly related to water main improvements shall be done in accordance with Section 41 of the Standard Specifications of Water and Sewer Construction in Illinois.

The material for all the water mains, and their fittings shall be Ductile Iron made in the USA. The water main shall be installed with a minimum of five (5') foot of cover measured from the spring line unless directed otherwise by the Engineer.

The Engineer shall be notified at least 24 hours before the water main is scheduled for testing to allow sufficient time for him to witness the testing. Should the Contractor fail to notify the Engineer, he may request that the tests be repeated under the Engineer's supervision and at the Contractor's expense.

**MATERIALS**

Water Main pipe shall be Class 52 Ductile Iron conforming to AWWA C151 with cement mortar lining conforming to AWWA C104. Joints shall be push-on joints conforming to AWWA C-111 and as indicated below.

Push on Joints shall be single rubber lubricated gasket joint conforming to ASTM F477 and shall be pressure rated in accordance with ASTM D3139.

All fittings shall conform to AWWA C153, be pressure rated to 350 psi, and be cement-lined per AWWA C104 with mechanical joints and shall be manufactured in the United States and stamped to designate the place of manufacture. High strength, low alloy steel Corten T-Bolts meeting the current provisions of American National Standard ANSI/AWWA C111/A21 for rubber gasket joints. All fittings shall have restrained joints with a mechanical joint with “Megalug” retainer glands, or approved equal. Thrust cement blocking of all fittings, hydrants, and dead end piping is required.

All replacement of storm and sanitary sewer crossing the water main or close to the water main may be done with water quality pipe.

**METHOD OF MEASUREMENT:**

This work shall be measured for payment in place, in feet for Ductile Iron Water Main and per each for Ductile Iron Water Main Fittings for size(s) specified in the plans.

**BASIS OF PAYMENT:**

This work shall be paid for at the contract unit price per foot of, DUCTILE IRON WATER MAIN 4 INCH; DUCTILE IRON WATER MAIN 6 INCH; DUCTILE IRON WATER MAIN 8 INCH; DUCTILE IRON WATER MAIN 10 INCH; and per each DUCTILE IRON WATER MAIN FITTINGS 4” 45 DEGREE BEND, DUCTILE IRON WATER MAIN FITTINGS 6” 90 DEGREE BEND, DUCTILE IRON WATER MAIN FITTINGS 8” 45 DEGREE BEND, DUCTILE IRON WATER MAIN FITTINGS 10” 11.25 DEGREE BEND, and DUCTILE IRON WATER MAIN FITTINGS 10” 45 DEGREE BEND, which price shall include all labor, materials, incidentals and equipment necessary to complete the work to current standards and in a workmanlike manner.

- WATER VALVES 4 INCH**
- WATER VALVES 6 INCH**
- WATER VALVES 8 INCH**
- WATER VALVES 10 INCH**

**WORK DESCRIPTION**

The Contractor shall supply and deliver to the jobsite all water valves and associated accessories. The Contractor shall be responsible for installing all water valves in accordance with applicable Sections of the Standard Specifications of Water and Sewer Main Construction in Illinois.

Water Valves, main line and auxiliary valves, shall be one of the following with mechanical joint end connections, stainless steel type 316 or type 304 and anti-rotation bolts:

- Waterous resilient wedge gate valve
- Mueller resilient wedge gate valve
- Clow resilient wedge gate valve

of the size as designated on the plans or approved by the Engineer. The location of each proposed valve shall be subject to modifications in the field by the Engineer; no additional compensation shall be allowed for a change in location of the proposed valve.

**METHOD OF MEASUREMENT:**

This work shall be measured for payment in place per each water valve of the specified size.

**BASIS OF PAYMENT:**

This work shall be paid for at the contract unit price per each for WATER VALVES 4 INCH; WATER VALVES 6 INCH; WATER VALVES 8 INCH; WATER VALVES 10 INCH, which price shall include all labor, materials, incidentals and equipment necessary to complete the work to current standards and in a workmanlike manner.

**WATER SERVICE LINE, 1.00 INCH**  
**WATER SERVICE LINE, 2.00 INCH**

**WORK DESCRIPTION**

This work includes the installation and connection of new water service lines from the new B-Box to the new water main after the proposed water main has been put in service. The Contractor shall complete this work in such manner to minimize the interruptions to the domestic water services. Placement of all water service lines shall conform to the requirements for water and sewer separation as designated by the IEPA.

**MATERIAL**

The water service line shall be copper water tube Type K or greater soft temper, for underground service. The part of the water service line that will be under the roadway shall be one continuous piece. If needed couplers may be used in the parkway. All fittings for service pipe shall be brass. All connections between the proposed and the existing Water Service Line shall be made with a compression fitting. The necessary trench backfill and/or pavement patching shall be paid for separately.

**METHOD OF MEASUREMENT**

This work will be measured for payment in place in feet.

**BASIS OF PAYMENT**

The work will be paid for at the contract unit price per foot for WATER SERVICE LINE, 1.00 INCH, and WATER SERVICE LINE, 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.

**CORPORATION STOPS, 1.00 INCH**  
**CORPORATION STOPS, 2.00 INCH**

**WORK DESCRIPTION**

This work shall consist of construction a corporation stop in accordance with Section 41 and other applicable sections of the Standard Specifications for Water and Sewer Construction in Illinois (W&S Specs).

**MATERIAL**

The Corporation Stop shall be of the size indicated on the plans and shall be fabricated of brass.

**METHOD OF MEASUREMENT**

This work will be measured for payment in place per each Corporation Stop of the size indicated on the plans or at locations indicated by the Engineer.

**BASIS OF PAYMENT**

The work will be paid for at the contract unit price per each CORPORATION STOPS, 1.00 INCH, and each CORPORATION STOPS, 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.

**FIRE HYDRANTS TO BE REMOVED**

**WORK DESCRIPTION:**

This work shall include the removal and disposal of fire hydrants and their appurtenances such as valve boxes on the related auxiliary valve, and the placement of a cap or a plug which shall be placed over any open ends of the hydrant lead. Trench backfill will be compensated separately.

**METHOD OF MEASUREMENT:**

This work shall be measured for payment per each fire hydrant removed.

**BASIS OF PAYMENT:**

This work shall be paid for at the contract unit per each FIRE HYDRANTS TO BE REMOVED, which price shall include all labor, equipment, materials, and incidentals necessary to complete the work to current standards and in a workmanlike manner.

**FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX**

**WORK DESCRIPTION**

This item shall include all work associated with furnishing and installing a fire hydrant, auxiliary valve, valve box and lid. The hydrant lead from the main to the auxiliary valve will be compensated separately.

**MATERIAL**

Fire hydrants shall be Waterous Pacer with a 5.5 foot bury, painted red by the manufacturer with a breakaway flange. Auxiliary valves shall be 6 inches in size and shall meet all requirements of the

WATER VALVES 6” section of these special provisions. Valve Boxes shall be Tyler Union cast iron two-piece valve boxes with lid, 5¼” shaft, screw type of the height required for installation on water main at a depth of 5.5 feet. The lid shall be marked “Water”. All bolts, nuts, and/or washers used to secure the fire hydrant and auxiliary valve shall be Stainless Steel Type 304 or Type 316.

**METHOD OF MEASUREMENT**

This work shall be measured for payment per each.

**BASIS OF PAYMENT**

This work shall be paid for at the contract unit price per each FIRE HYDRANT WITH VALVE AND VALVE BOX, which price shall include all labor, equipment, materials, and incidentals necessary to complete the work to current standards and in a workmanlike manner.

**DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED**

**DOMESTIC WATER SERVICE BOXES TO BE REMOVED**

**DOMESTIC WATER SERVICE BOXES**

**WORK DESCRIPTION:**

This work shall consist of the adjustment, the removal and/or the installation of a Domestic Water Service Box. Domestic Water Service Boxes shall be placed over all curb stops installed as part of this contract. Curb stops shall be paid for separately.

**MATERIALS**

Domestic Water Service Boxes shall be a cast iron, with a lid and Plug. The contractor shall be responsible to furnish a box of the proper height required to accommodate the depth of the curb stop so that the top of the curb box lies flush with the ground. The lid shall have the word “Water” stamped into the metal.

**METHOD OF MEASUREMENT**

This work shall be measured for payment per each Domestic Water Service Box Adjustment, Water Service Box Removal or Domestic Water Service Box.

**BASIS OF PAYMENT**

This work shall be paid for at the contract unit per each for DOMESTIC WATER SERVICE BOXES TO BE REMOVED; DOMESTIC WATER SERVICE BOXES TO BE REMOVED; DOMESTIC WATER SERVICE BOXES, which price shall include all labor, equipment, materials, and incidentals necessary to complete the work to current standards and in a workmanlike manner.

**MANHOLES, TYPE A, 4’-DIAMETER, TYPE 1 FRAME, OPEN LID**

**MANHOLES, TYPE A, 4’-DIAMETER, TYPE 1 FRAME, CLOSED LID**

**MANHOLES, TYPE A, 4’ DIAMETER, TYPE 11 FRAME AND GRATE**

**MANHOLES, TYPE A, 4’ DIAMETER, TYPE 11V FRAME AND GRATE**

**MANHOLES, TYPE A, 5’ DIAMETER, TYPE 1 FRAME AND GRATE**

**MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID**  
**MANHOLES, TYPE A, 5' DIAMETER, TYPE 11 FRAME AND GRATE**  
**INLETS, TYPE A, TYPE 11 FRAME AND GRATE**  
**INLETS, TYPE A, TYPE 11V FRAME AND VANE GRATE**  
**INLETS, TYPE A, TYPE 1 FRAME, CLOSED LID**

**WORK DESCRIPTION:**

This work consists of the placing of storm structures as listed above. All inlet and/or outlet pipes shall be reconnected using Non-Shear couplings. The Contractor when necessary shall remove no more than four (4') foot of pipe from each pipe connected to the drainage structure. A Class-B TYPE-II pipe of equal diameter shall be used to reconnect the new structure. The coupling shall be included in the unit price. The Contractor shall be compensated separately for the drain pipe used.

**METHOD OF MEASUREMENT:**

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

**BASIS OF PAYMENT:**

These items shall be paid for at the contract unit price per each MANHOLES, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID; MANHOLES, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID; MANHOLES, TYPE A, 4' DIAMETER, TYPE 11 FRAME AND GRATE; MANHOLES, TYPE A, 4' DIAMETER, TYPE 11V FRAME AND GRATE; MANHOLES, TYPE A, 5' DIAMETER, TYPE 1 FRAME AND GRATE; MANHOLES, TYPE A, 5' DIAMETER, TYPE 1 FRAME, CLOSED LID; MANHOLES, TYPE A, 5' DIAMETER, TYPE 11 FRAME AND GRATE; INLETS, TYPE A, TYPE 11 FRAME AND GRATE; INLETS, TYPE A, TYPE 11V FRAME AND GRATE; INLETS, TYPE A, TYPE 1 FRAME AND CLOSED LID, which price shall include all labor, equipment, material, and incidentals necessary to complete the work to current standards and in a workmanlike manner.

**VALVE VAULTS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID**  
**VALVE VAULTS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID**

**WORK DESCRIPTION:**

This work shall include the placing of valve vaults of the size called out in the plans or as directed by the Engineer. The vaults shall have rubber boots for all pipes into and out of the vaults. They shall be installed on 4 inches of bedding stone minimum and 8 inches of bedding stone minimum if installed on bedrock. The word "WATER" shall be stamped on the lids.

**METHOD OF MEASUREMENT:**

This work shall be measured per each valve vault.

**BASIS OF PAYMENT:**

These items shall be paid per each VALVE VAULT, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID or VALVE VAULT, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID at the contract unit price. This price shall include all labor, equipment, material, and incidentals necessary to

complete the work to current standards and in a workmanlike manner.

**FILLING MANHOLES**  
**FILLING VALVE VAULTS**

**WORK DESCRIPTION**

This work shall be done in accordance with Section 605 of the Standard Specifications, the accompanying plans & specifications, these Special Provisions or as directed by the Engineer. The top of the existing drainage structures (sanitary and storm) or valve vaults shall be removed to a depth no less than 12 inches below grade. The internal pipe and cavities shall be plugged with mortar or a mechanical plug to the satisfaction of the Engineer then the remaining barrel section shall be filled with granular material and abandoned in place. The frame & lid or grate and the top of the structure removed shall be disposed of by the Contractor.

**METHOD OF MEASUREMENT**

This work will be measured for payment for each FILLING MANHOLES or FILLING VALVE VAULTS.

**BASIS OF PAYMENT:**

This work shall be paid for at the contract unit price per each FILLING MANHOLES or FILLING VALVE VAULTS, which price shall include all labor, equipment, materials and incidentals necessary to complete the work to current standards and in a workmanlike manner.

**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.

**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 furnishing, fabricating, and/or 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.

**METHOD OF MEASUREMENT**

The work shall be measured for payment in square foot according to Article 720.03 of the Standard Specifications.

**BASIS OF PAYMENT**

This work shall be paid for at the contract unit price per square foot for SIGN PANEL of the type specified.

**REMOVE SIGN PANEL ASSEMBLY – TYPE A**

This work, measurement, and payment shall be done in accordance with the applicable portions of Article 725 of the Standard Specifications.

**TELESCOPING STEEL SIGN SUPPORT**

This work, measurement, and payment shall be done in accordance with the applicable portions of Article 728 of the Standard Specifications.

**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. If this work is done after the surface course has been paved the grout shall NOT be mixed directly on the new pavement. 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 to current standards and in a workmanlike manner.

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

**WORK DESCRIPTION:**

This work consists of the placing of new pavers or removing and re-placing of brick pavers and stones at various locations. Where new brick pavers are specified the City will supply the brick pavers. At locations where pavers exist, they shall be removed and kept for re-placement. 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 compacted mechanically then regraded with fine aggregate supplied by the Contractor. The pavers or stones 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.

**METHOD OF MEASUREMENT:**

This work shall be measured for payment per square foot.

**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 in a workmanlike manner.

**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 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 in a workmanlike manner.

**PLUG EXISTING WATER MAIN, STORM OR SANITARY SEWERS**

**WORK DESCRIPTION**

This work shall consist of providing a mortar or a mechanical plug at the ends of pipes that will be abandoned in place, that will not be under pressure. Whichever method is more applicable, the end of the existing pipe to be removed shall be filled with mortar or a mechanical plug placed. When a plug is needed inside of a structure, if grout is used it shall be placed flush with the inside wall.

**METHOD OF MEASUREMENT**

This work will be measured for payment in place per each plug.

**BASIS OF PAYMENT**

Work shall be paid for at the contract unit price per each PLUG EXISTING WATER MAIN, STORM OR SANITARY SEWERS which price shall include all labor, equipment, materials and incidentals necessary to complete the work to current standards and in a workmanlike manner.

**SANITARY SEWER SERVICE REMOVAL AND REPLACEMENT**

**WORK DESCRIPTION**

This work consists of sanitary sewer service line removal and replacement with a pipe or equal size and as specified in the plans or as directed by the Engineer. This work will be done at locations where other

utilities crosses an existing clay sanitary service line or other service lines the need to be removed to attain positive flow. This work will be done with water main quality pipe.

**METHOD OF MEASUREMENT**

The work shall be measured for payment per foot.

**BASIS OF PAYMENT**

This work shall be paid at the contract unit price per foot of SANITARY SEWER SERVICE REMOVAL AND REPLACEMENT, which price shall include all labor, equipment, materials and incidentals necessary to complete the work according to current standards and in a workmanlike manner.

**SANITARY SEWER REMOVAL, 6 INCH**

**SANITARY SEWER REMOVAL, 8 INCH**

**WORK DESCRIPTION**

This work consists of the removal and disposal of the sanitary sewer of the specified size between. This section of sewer will not be replaced but the existing trench in the bedrock will be used to accommodate the proposed water main. The removal of the existing water main in this same trench will be paid for separately.

**METHOD OF MEASUREMENT**

The work will be measured for payment per foot.

**BASIS OF PAYMENT**

This work shall be paid for at the contract unit price per foot of SANITARY SEWER SERVICE REMOVAL, 8 INCH which price shall include all labor, equipment, materials and incidentals necessary to complete the work to current standards and in a workmanlike manner.

**CAP EXISTING WATER MAIN**

**WORK DESCRIPTION:**

This work consists of the cutting and capping of the water mains that will be abandoned in place but shall also remain under pressure for some time until it is abandoned or the new water main at locations called out in the plans or that are identified by the Engineer.

A Ductile Iron Cap that is water tight and meeting all requirements shall be used with a restraint and the necessary blocking.

**METHOD OF MEASUREMENT:**

This work will be measured for payment per each capping.

**BASIS OF PAYMENT:**

This work will be paid for at the contract unit price per each CAP EXISTING WATER MAIN, which prices will include all labor, equipment, materials and incidentals necessary to complete the work to current standards and in a workmanlike manner.

**WATER MAIN REMOVAL, 4 INCH**  
**WATER MAIN REMOVAL, 6 INCH**

**WORK DESCRIPTION:**

This work consists of the cutting, the removal and the disposal of water mains of the size specified in the plans.

**METHOD OF MEASUREMENT:**

This work shall be measured for payment linear foot.

**BASIS OF PAYMENT:**

This work shall be paid for at the contract unit price per each foot for WATER MAIN REMOVAL, 4 INCH; WATER MAIN REMOVAL, 6 INCH, which prices shall include all labor, equipment, materials and incidentals necessary to complete the work to current standards and in a workmanlike manner.

**TRAFFIC CONTROL AND PROTECTION (SPECIAL)**

**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 as needed and along detour route according to the details shown in the plans.

Special attention is called to Article 107.09 and Division 700 of the Standard Specifications in so far as they apply.

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

The Contractor shall be required to use the latest version of the highway standards listed in the plan set as traffic conditions as 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-14 Traffic Control and Protection at Turn Bays (to remain open to traffic)
- TC-16 Pavement Marking Letters and Symbols for Traffic Staging
- TC-18 Signing for Flagging Operations at Work Zone Openings
- TC-22 Arterial Road Information Sign

#### METHOD OF MEASUREMENT

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

#### BASIS OF PAYMENT

Traffic Control and Protection shall be paid for at the contract lump sum price for TRAFFIC CONTROL AND PROTECTION, which price shall include all labor, equipment, materials, transportation, removal as needed and incidentals necessary to complete the work to current standards and in a safe and workmanlike 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 material 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 seeds. Full payment for this item will be made when the grass has germinated and is at least two (2") inches in height, covering no less than 75% of each planted area. Interseeding and fertilizing of the existing 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.

**HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3 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 3 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, 3 INCH, which price shall include all labor, equipment, materials and incidentals necessary to complete the work to current standards and in a workmanlike manner.

**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 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 hoods. 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:**

This work consists of the adjustment of existing storm, sanitary, or water vault frames within the construction limits. On streets with a PCC base, the PCC patch shall be included. Class PP concrete shall be used. During the adjustment operation, all deteriorated frames shall be replaced as directed by the Engineer. The City will supply replacement frames and lids for structures scheduled to be adjusted that has broken or deteriorated frames and lids (grates). 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/grate and the reuse or placement of new frames and lids (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 required to

complete the work to current standards and in a workmanlike manner.

## CONSTRUCTION LAYOUT

### DESCRIPTION OF WORK

The Contractor shall furnish and place construction layout stakes for this project. The Engineer will provide adequate reference points to the centerline of survey including all PI's, PCs, PT's, PRCs, and POT's as indicated on the plans as well as bench marks as described in the plans. Any additional control points set will be identified in the field to the Contractor and all field notes will be kept in the office of the Engineer.

The Contractor shall provide field forces, equipment, and material to set all additional stakes for this project, which are needed to establish offset stakes, reference points, and any other horizontal or vertical controls, including supplementary bench marks, necessary to secure a correct layout for the roadway portion of the work. Stakes for line and grade of pavement and/or curb shall be set at sufficient station intervals (not to exceed 50 ft (15 m)) to assure substantial conformance to plan line and grade. The Contractor will not be required to set additional stakes to locate a utility line which is not included as a pay item in the contract nor to determine property lines between private properties.

The Contractor shall be responsible for having the finished work conform to the lines, grades, elevations, and dimensions called for in the plans. Any inspection or checking of the Contractor's layout by the Engineer and the acceptance of all or any part of it shall not relieve the Contractor of his/her responsibility to secure the proper dimensions, grades, and elevations of the several parts of the work. The Contractor shall exercise care in the preservation of stakes and bench marks and shall have them reset when any are damaged, lost, displaced, removed, or otherwise obliterated.

### Responsibility of the Contractor.

The Contractor shall establish from the given survey points and bench marks all the control points necessary to construct the individual project elements. (S)He shall provide the Engineer adequate control in close proximity to each individual element to allow adequate checking of construction operations. This includes, but is not limited to, line and grade stakes, line and grade nails in form work, and/or filed or etched marks in substantially completed construction work. It is the Contractor's responsibility to tie in centerline control points in order to preserve them during construction operations.

At the completion of the grading operations, the Contractor shall set stakes at 100 ft (25 m) station intervals along each profile grade line. These stakes will be used for final cross sectioning by the Engineer.

The Contractor shall locate the right-of-way points for the installation of right-of-way markers. The Contractor shall set all line stakes for the construction of fences by the Contractor.

All work shall be according to normally accepted self-checking surveying practices. Field notes shall be kept in standard survey field notebooks and those books shall become the property of the

Department at the completion of the project. All notes shall be neat, orderly, and in accepted form.

**METHOD OF MEASUREMENT**

This work will be measured for payment per LUMP SUM.

**BASIS OF PAYMENT**

This work will be paid for at the contract unit per lump sum for CONSTRUCTION LAYOUT, which price shall include all labor, equipment, materials, and incidentals necessary to complete the work to current standards and in a workmanlike manner.

**CURB STOPS, 1.00 INCH**

**CURB STOPS, 2.00 INCH**

**WORK DESCRIPTION:**

This work consists of the installation of a curb stop of the size designated for each service line as shown on the plans. All costs necessary, including any additional fittings required, to ensure a proper connection between the existing water service line and the curb stop, regardless of type of material of the existing water service line shall be considered to be included in the contract unit price for this item.

**MATERIALS**

Curb stops shall be manufactured in the U.S. and made of brass and of the compression type with a threaded top or bottom for a Minneapolis style Domestic Water Service Box.

**METHOD OF MEASUREMENT**

This work will be measured for payment per each installation of a Curb Stop of the size designated on the plans or as directed by the Engineer.

**BASIS OF PAYMENT**

This work will be paid for at the contract unit per each CURB STOPS, 1.00 INCH; CURB STOPS, 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.

**STORM SEWER (WATER MAIN REQUIREMENTS) 8 INCH**

**STORM SEWER (WATER MAIN REQUIREMENTS) 10 INCH**

**STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH**

**STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH**

**STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH**

**WORK DESCRIPTION**

This work consists of constructing storm sewer adjacent to or crossing a water main, at the locations shown on the plans. The material and installation requirements shall be according to the latest edition of the “Standard Specifications for Water and Sewer Main Construction in Illinois”, and the applicable portions of Section 550 of the Standard Specifications; which may include concrete collars and encasing pipe with seals if required.

Pipe materials shall meet the requirements of Sections 40 and 41-2.01 of the “Standard Specifications for Water and Sewer Main Construction in Illinois.” Ductile-Iron pipe shall meet the minimum requirements for Thickness Class 50 or another water main quality pipe shall also be acceptable upon approval by the Engineer.

Encasing of standard type storm sewer, according to the details for “Water and Sewer Separation Requirements (Vertical Separation)” in the “STANDARD DRAWINGS” Division of the “Standard Specifications for Water and Sewer Main Construction in Illinois”, may be used for storm sewers crossing water mains.

#### METHOD OF MEASUREMENT

This work shall be measured for payment per foot.

#### BASIS OF PAYMENT

This work will be paid at the contract unit price per foot for STORM SEWER (WATER MAIN REQUIREMENTS) 8 INCH; and for STORM SEWER (WATER MAIN REQUIREMENTS) 10 INCH; STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH; STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH; STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH, which price shall include all labor, equipment, materials, and incidentals necessary to complete the work to current standards and in a workmanlike manner.

**STEEL CASING PIPE, 3 INCH**  
**STEEL CASING PIPE, 12 INCH**  
**STEEL CASING PIPE, 16 INCH**

#### WORK DESCRIPTION

Work includes furnishing and installing steel casing pipe to be placed as shown on the plans. The ends shall be sealed and the pipe shall meet the minimum requirements set forth in the general notes and in the respective agencies’ detail of the engineering plans. Minimum casing pipe thickness shall be 0.375”. The excavation shall be constructed in a safe manner and protected during the installation process. The excavations shall meet OSHA requirements and all items required for installation of the casing pipe shall be incidental to this item. Required support of existing sanitary sewer shall be included in the cost of this item.

**METHOD OF MEASUREMENT**

This work will be measured for payment in place in feet.

**BASIS OF PAYMENT**

This work will be paid for at the contract unit per foot for STEEL CASING PIPE, 3 INCH; STEEL CASING PIPE, 12 INCH; STEEL CASING PIPE, 16 INCH, which price shall include all labor, equipment, materials, and incidentals necessary to complete the work to current standards and in a workmanlike manner.

**BRICK PAVERS REMOVAL AND DISPOSAL**

**WORK DESCRIPTION:**

This work consists of the removal and the disposal of brick pavers in the roadway that is currently capped with asphalt. After the milling is complete, in the block(s) where pavers are found they will be removed and disposed of offsite.

**METHOD OF MEASUREMENT:**

This work 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 BRICK PAVERS REMOVAL AND DISPOSAL, which price shall include all labor, equipment, materials, and incidentals necessary to complete the work to current standards and in a workmanlike manner.

**PROPOSAL**

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

Proposal is submitted in duplicate by Plote Construction Inc.

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The undersigned hereby proposes and agrees to furnish all the necessary labor, materials, equipment, tools and services necessary to perform 2017 STREET IMPROVEMENTS in accordance with the Plans, 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>1</u>            | <u>5/22/17</u> | <u>GW</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 2017 STREET IMPROVEMENTS in accordance with the attached Specifications and Documents.

**2017 STREET IMPROVEMENTS SUMMARY OF QUANTITIES  
SCHEDULE OF PRICES**

| NO | DESCRIPTION  | UNIT  | QTY       | UNIT PRICE | COST       |
|----|--|-------|-----------|------------|------------|
| 1  | TREE PROTECTION                                    | EACH  | 15.00     | \$200.00   | 3,000.00   |
| 2  | TREE ROOT PRUNING                                  | EACH  | 15.00     | \$200.00   | 3,000.00   |
| 3  | EARTH EXCAVATION                                   | CU YD | 2,386.00  | \$20.00    | 47,720.00  |
| 4  | REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL        | CU YD | 303.00    | \$10.00    | 3,030.00   |
| 5  | TRENCH BACKFILL                                    | CU YD | 5,877.00  | \$25.75    | 151,332.75 |
| 6  | INLET FILTERS                                      | EACH  | 34.00     | \$200.00   | 6,800.00   |
| 7  | SUBBASE GRANULAR MATERIAL, TYPE B                  | CU YD | 333.00    | \$55.00    | 18,315.00  |
| 8  | PREPARATION OF BASE                                | SQ YD | 9,061.00  | \$0.01     | 90.61      |
| 9  | AGGREGATE SUBGRADE, 4 INCH                         | SQ YD | 2,771.00  | \$5.00     | 13,855.00  |
| 10 | AGGREGATE SUBGRADE, 12 INCH                        | SQ YD | 6,290.00  | \$13.25    | 83,342.50  |
| 11 | BITUMINOUS MATERIAL (PRIME COAT)                   | GAL   | 4,129.00  | \$0.01     | 41.29      |
| 12 | AGGREGATE (PRIME COAT)                             | TON   | 54.00     | \$1.00     | 54.00      |
| 13 | HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50        | TON   | 5,322.00  | \$55.00    | 292,710.00 |
| 14 | HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50       | TON   | 2,552.00  | \$56.00    | 142,912.00 |
| 15 | PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH | SQ YD | 626.00    | \$58.00    | 36,308.00  |
| 16 | PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH          | SQ FT | 26,716.00 | \$5.75     | 153,617.00 |
| 17 | PORTLAND CEMENT CONCRETE SIDEWALK, 7 INCH          | SQ FT | 3,791.00  | \$6.00     | 22,746.00  |
| 18 | DETECTABLE WARNINGS                                | SQ FT | 848.00    | \$26.00    | 22,048.00  |
| 19 | PAVEMENT REMOVAL                                   | SQ YD | 9,371.00  | \$6.00     | 56,226.00  |
| 20 | HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/2 INCH        | SQ YD | 22,043.00 | \$3.60     | 79,354.80  |
| 21 | DRIVEWAY PAVEMENT REMOVAL                          | SQ YD | 566.00    | \$15.50    | 8,773.00   |
| 22 | COMBINATION CURB AND GUTTER REMOVAL                | FOOT  | 5,355.00  | \$4.25     | 22,758.75  |
| 23 | SIDEWALK REMOVAL                                   | SQ FT | 28,427.00 | \$1.10     | 31,269.70  |
| 24 | CLASS C PATCHES, TYPE II, 8 INCH                   | SQ YD | 40.00     | \$70.00    | 2,800.00   |
| 25 | CLASS C PATCHES, TYPE III, 8 INCH                  | SQ YD | 40.00     | \$70.00    | 2,800.00   |
| 26 | CLASS D PATCHES, TYPE II, 3 INCH                   | SQ YD | 53.00     | \$50.00    | 2,650.00   |

**2017 STREET IMPROVEMENTS SUMMARY OF QUANTITIES  
SCHEDULE OF PRICES**

| NO | DESCRIPTION                             | UNIT  | QTY       | UNIT PRICE | COST       |
|----|---|-------|-----------|------------|------------|
| 27 | CLASS D PATCHES, TYPE IV, 3 INCH        | SQ YD | 1,000.00  | \$16.50    | 16,500.00  |
| 28 | STORM SEWER REMOVAL, 8 INCH             | FOOT  | 350.00    | \$17.00    | 5,950.00   |
| 29 | STORM SEWER REMOVAL, 10 INCH            | FOOT  | 889.00    | \$20.00    | 17,780.00  |
| 30 | STORM SEWER REMOVAL, 12 INCH            | FOOT  | 128.00    | \$22.00    | 2,816.00   |
| 31 | STORM SEWER REMOVAL, 15 INCH            | FOOT  | 36.00     | \$25.00    | 900.00     |
| 32 | STORM SEWER REMOVAL, 18 INCH            | FOOT  | 45.00     | \$25.00    | 1,125.00   |
| 33 | JOINT OR CRACK FILLING                  | POUND | 30,550.00 | \$1.29     | 39,409.50  |
| 34 | DUCTILE IRON WATER MAIN TEE, 10"X10"    | EACH  | 3.00      | \$900.00   | 2,700.00   |
| 35 | DUCTILE IRON WATER MAIN TEE, 10"X8"     | EACH  | 3.00      | \$850.00   | 2,550.00   |
| 36 | DUCTILE IRON WATER MAIN TEE, 10"X6"     | EACH  | 8.00      | \$500.00   | 4,000.00   |
| 37 | DUCTILE IRON WATER MAIN TEE, 10"X4"     | EACH  | 1.00      | \$425.00   | 425.00     |
| 38 | DUCTILE IRON WATER MAIN REDUCER, 10"X8" | EACH  | 1.00      | \$525.00   | 525.00     |
| 39 | DUCTILE IRON WATER MAIN REDUCER, 10"X6" | EACH  | 1.00      | \$450.00   | 450.00     |
| 40 | DUCTILE IRON WATER MAIN REDUCER, 10"X4" | EACH  | 1.00      | \$425.00   | 425.00     |
| 41 | DUCTILE IRON WATER MAIN REDUCER, 8"X6"  | EACH  | 4.00      | \$400.00   | 1,600.00   |
| 42 | DUCTILE IRON WATER MAIN REDUCER, 8"X8"  | EACH  | 4.00      | \$350.00   | 1,400.00   |
| 43 | DUCTILE IRON WATER MAIN REDUCER, 8"X4"  | EACH  | 3.00      | \$400.00   | 1,200.00   |
| 44 | DUCTILE IRON WATER, 6" COUPLING SLEEVE  | EACH  | 2.00      | \$400.00   | 800.00     |
| 45 | DUCTILE IRON WATER, 8" COUPLING SLEEVE  | EACH  | 2.00      | \$450.00   | 900.00     |
| 46 | DUCTILE IRON WATER MAIN, 4 INCH         | FOOT  | 12.00     | \$125.00   | 1,500.00   |
| 47 | DUCTILE IRON WATER MAIN, 6 INCH         | FOOT  | 172.00    | \$90.00    | 15,480.00  |
| 48 | DUCTILE IRON WATER MAIN, 8 INCH         | FOOT  | 1,807.00  | \$70.00    | 126,490.00 |
| 49 | DUCTILE IRON WATER MAIN, 10 INCH        | FOOT  | 1,600.00  | \$80.00    | 128,000.00 |
| 50 | WATER VALVES, 4 INCH                    | EACH  | 1.00      | \$1,500.00 | 1,500.00   |
| 51 | WATER VALVES, 6 INCH                    | EACH  | 3.00      | \$1,750.00 | 5,250.00   |
| 52 | WATER VALVES, 8 INCH                    | EACH  | 14.00     | \$2,250.00 | 31,500.00  |

**2017 STREET IMPROVEMENTS SUMMARY OF QUANTITIES  
SCHEDULE OF PRICES**

| NO | DESCRIPTION   | UNIT | QTY      | UNIT PRICE | COST      |
|----|---|------|----------|------------|-----------|
| 53 | WATER VALVES, 10 INCH   | EACH | 12.00    | \$2,750.00 | 33,000.00 |
| 54 | DUCTILE IRON WATER MAIN FITTINGS, 4" 45.00 DEGREE BEND            | EACH | 2.00     | \$350.00   | 700.00    |
| 55 | DUCTILE IRON WATER MAIN FITTINGS, 6" 90.00 DEGREE BEND            | EACH | 1.00     | \$400.00   | 400.00    |
| 56 | DUCTILE IRON WATER MAIN FITTINGS, 8" 45.00 DEGREE BEND            | EACH | 6.00     | \$450.00   | 2,700.00  |
| 57 | DUCTILE IRON WATER MAIN FITTINGS, 10" 11.25 DEGREE BEND           | EACH | 1.00     | \$600.00   | 600.00    |
| 58 | DUCTILE IRON WATER MAIN FITTINGS, 10" 45.00 DEGREE BEND           | EACH | 5.00     | \$600.00   | 3,000.00  |
| 59 | WATER SERVICE LINE 1.00 INCH                                      | FOOT | 1,757.00 | \$45.00    | 79,065.00 |
| 60 | WATER SERVICE LINE 2.00 INCH                                      | FOOT | 42.00    | \$100.00   | 4,200.00  |
| 61 | CORPORATION STOP 1.00 INCH  | EACH | 56.00    | \$750.00   | 42,000.00 |
| 62 | CORPORATION STOP 2.00 INCH  | EACH | 2.00     | \$1,250.00 | 2,500.00  |
| 63 | FIRE HYDRANTS TO BE REMOVED                                       | EACH | 7.00     | \$450.00   | 3,150.00  |
| 64 | FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX                   | EACH | 8.00     | \$4,500.00 | 36,000.00 |
| 65 | DOMESTIC WATER SERVICE BOX TO BE ADJUSTED                         | EACH | 5.00     | \$150.00   | 750.00    |
| 66 | DOMESTIC WATER SERVICE BOX TO BE REMOVED                          | EACH | 57.00    | \$125.00   | 7,125.00  |
| 67 | DOMESTIC WATER SERVICE BOXES                                      | EACH | 58.00    | \$225.00   | 13,050.00 |
| 68 | MANHOLES, TYPE- A, 4'- DIAMETER, TYPE- 1 FRAME, OPEN LID          | EACH | 1.00     | \$2,500.00 | 2,500.00  |
| 69 | MANHOLES, TYPE- A, 4'- DIAMETER, TYPE- 11 FRAME AND GRATE         | EACH | 10.00    | \$2,500.00 | 25,000.00 |
| 70 | MANHOLES, TYPE- A 4'- DIAMETER, TYPE- 1 FRAME, CLOSED LID         | EACH | 6.00     | \$2,500.00 | 15,000.00 |
| 71 | SANITARY MANHOLES, TYPE-A, 4'- DIAMETER, TYPE 1 FRAME, CLOSED LID | EACH | 5.00     | \$3,250.00 | 16,250.00 |
| 72 | MANHOLES, TYPE- A, 5'-DIAMETER, TYPE- 1 FRAME, CLOSED LID         | EACH | 5.00     | \$3,250.00 | 16,250.00 |
| 73 | INLETS, TYPE-A, TYPE-11 FRAME AND GRATE                           | EACH | 29.00    | \$1,750.00 | 50,750.00 |
| 74 | INLETS, TYPE-A, TYPE- 11V FRAME AND GRATE                         | EACH | 4.00     | \$1,750.00 | 7,000.00  |
| 75 | INLETS, TYPE-A, TYPE-1 FRAME, CLOSED LID                          | EACH | 7.00     | \$1,750.00 | 12,250.00 |
| 76 | VALVE VAULTS, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID       | EACH | 17.00    | \$2,500.00 | 42,500.00 |
| 77 | VALVE VAULTS, TYPE A, 5' DIAMETER, TYPE 1 FRAME, CLOSED LID       | EACH | 11.00    | \$3,000.00 | 33,000.00 |
| 78 | VALVE BOX   | EACH | 2.00     | \$450.00   | 900.00    |

**2017 STREET IMPROVEMENTS SUMMARY OF QUANTITIES  
SCHEDULE OF PRICES**

| NO  | DESCRIPTION  | UNIT  | QTY      | UNIT PRICE  | COST       |
|-----|--|-------|----------|-------------|------------|
| 79  | REMOVING MANHOLES                                      | EACH  | 18.00    | \$600.00    | 10,800.00  |
| 80  | REMOVING VALVE VAULTS                                  | EACH  | 8.00     | \$600.00    | 4,800.00   |
| 81  | REMOVING VALVE BOXES                                   | EACH  | 8.00     | \$200.00    | 1,600.00   |
| 82  | REMOVING INLETS  | EACH  | 37.00    | \$300.00    | 11,100.00  |
| 83  | FILLING VALVE VAULTS                                   | EACH  | 7.00     | \$450.00    | 3,150.00   |
| 84  | COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12      | FOOT  | 5,325.00 | \$20.75     | 110,493.75 |
| 85  | SIGN PANEL - TYPE 1                                    | SQ FT | 338.00   | \$21.50     | 7,267.00   |
| 86  | REMOVE SIGN PANEL ASSEMBLY - TYPE A                    | EACH  | 170.00   | \$25.00     | 4,250.00   |
| 87  | TELESCOPING STEEL SIGN SUPPORT                         | FOOT  | 74.00    | \$10.00     | 740.00     |
| 88  | PAVEMENT MARKING REMOVAL                               | SQ FT | 1,000.00 | \$1.10      | 1,100.00   |
| 89  | STORM SEWERS, CLASS B, TYPE II, 8 INCH                 | FOOT  | 145.00   | \$50.00     | 7,250.00   |
| 90  | STORM SEWERS, CLASS B, TYPE II, 12 INCH                | FOOT  | 896.00   | \$60.00     | 53,760.00  |
| 91  | STORM SEWERS, CLASS B, TYPE II, 18 INCH                | FOOT  | 376.00   | \$80.00     | 30,080.00  |
| 92  | ROOF DRAIN, PVC SDR 26, 6 INCH                         | FOOT  | 165.00   | \$35.00     | 5,775.00   |
| 93  | GROUT REMOVAL AND REPLACEMENT                          | EACH  | 19.00    | \$300.00    | 5,700.00   |
| 94  | BRICK PAVER, STONE AND MASONRY REMOVAL AND REPLACEMENT | SQ FT | 541.00   | \$27.00     | 14,607.00  |
| 95  | CURB REMOVAL AND REPLACEMENT                           | FOOT  | 2,261.00 | \$24.50     | 55,394.50  |
| 96  | PLUG EXISTING SANITARY SEWERS                          | EACH  | 1.00     | \$225.00    | 225.00     |
| 97  | SANITARY SEWER SERVICE REMOVAL AND REPLACEMENT         | FOOT  | 700.00   | \$50.00     | 35,000.00  |
| 98  | SANITARY SEWER REMOVAL, 6 INCH                         | FOOT  | 915.00   | \$15.00     | 13,725.00  |
| 99  | PVC SDR 26 SANITARY SEWER, 8 INCH                      | FOOT  | 915.00   | \$65.00     | 59,475.00  |
| 100 | CAP EXISTING WATER MAIN                                | EACH  | 9.00     | \$350.00    | 3,150.00   |
| 101 | WATER MAIN REMOVAL, 4 INCH                             | FOOT  | 18.00    | \$20.00     | 360.00     |
| 102 | WATER MAIN REMOVAL, 6 INCH                             | FOOT  | 285.00   | \$25.00     | 7,125.00   |
| 103 | TRAFFIC CONTROL AND PROTECTION (SPECIAL)               | L SUM | 1.00     | \$15,190.00 | 15,190.00  |
| 104 | URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS        | SQ FT | 557.00   | \$4.00      | 2,228.00   |

**2017 STREET IMPROVEMENTS SUMMARY OF QUANTITIES  
SCHEDULE OF PRICES**

| NO  | DESCRIPTION                                    | UNIT  | QTY       | UNIT PRICE  | COST                |
|-----|--|-------|-----------|-------------|---------------------|
| 105 | URETHANE PAVEMENT MARKING - LINE 4 INCH        | FOOT  | 11,468.00 | \$0.45      | 5,160.60            |
| 106 | URETHANE PAVEMENT MARKING - LINE 6 INCH        | FOOT  | 5,350.00  | \$0.80      | 4,280.00            |
| 107 | URETHANE PAVEMENT MARKING - LINE 12 INCH       | FOOT  | 2,176.00  | \$2.00      | 4,352.00            |
| 108 | URETHANE PAVEMENT MARKING - LINE 24 INCH       | FOOT  | 1,332.00  | \$4.00      | 5,328.00            |
| 109 | PARKWAY RESTORATION                            | SQ YD | 4,381.00  | \$9.00      | 39,429.00           |
| 110 | HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3 INCH      | SQ YD | 146.00    | \$33.00     | 4,818.00            |
| 111 | SIDEWALK REPAIR (SPECIAL)                      | EACH  | 50.00     | \$60.00     | 3,000.00            |
| 112 | DRAINAGE AND UTILITY STRUCTURES TO BE ADJUSTED | EACH  | 21.00     | \$750.00    | 15,750.00           |
| 113 | CONSTRUCTION LAYOUT                            | L SUM | 1.00      | \$15,750.00 | 15,750.00           |
| 114 | CURB STOPS 1.00 INCH                           | EACH  | 56.00     | \$575.00    | 32,200.00           |
| 115 | CURB STOPS 2.00 INCH                           | EACH  | 2.00      | \$700.00    | 1,400.00            |
| 116 | STORM SEWER (WATER MAIN REQUIREMENTS) 8 INCH   | FOOT  | 291.00    | \$60.00     | 17,460.00           |
| 117 | STORM SEWER (WATER MAIN REQUIREMENTS) 10 INCH  | FOOT  | 26.00     | \$65.00     | 1,690.00            |
| 118 | STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH  | FOOT  | 576.00    | \$75.00     | 43,200.00           |
| 119 | STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH  | FOOT  | 34.00     | \$95.00     | 3,230.00            |
| 120 | STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH  | FOOT  | 32.00     | \$115.00    | 3,680.00            |
| 121 | DUCTILE IRON CASING PIPE, 3 INCH               | FOOT  | 213.00    | \$85.00     | 18,105.00           |
| 122 | STEEL CASING PIPE, 12 INCH                     | FOOT  | 14.00     | \$105.00    | 1,470.00            |
| 123 | STEEL CASING PIPE, 16 INCH                     | FOOT  | 16.00     | \$125.00    | 2,000.00            |
| 124 | BRICK PAVERS REMOVAL AND DISPOSAL              | SQ YD | 1,034.00  | \$7.75      | 8,013.50            |
|     | <b>BASE BID TOTAL</b>                          |       |           |             | <b>2,763,031.25</b> |

AFFIDAVIT OF EXPERIENCE

STATE OF Illinois )

)SS

COUNTY OF Kane )

William T. Madden being duly sworn, that he is

Asst. Secretary, of Plote Construction

(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>Rehab/Recon</u>     | <u>\$2.9 mil</u> |
| <u>Village of Schaumburg</u>   | <u>Rehab/Recon</u>     | <u>\$5.2 mil</u> |
| <u>Village of Carol Stream</u> | <u>Rehab/Recon</u>     | <u>\$2.2 mil</u> |

and that Plote Construction Inc. owns or has available  
(he, said firm, said corporation)

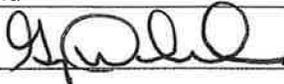
for immediate use on the proposed work the following plant and equipment:

| <u>Machine</u>      | <u>Year Built</u> | <u>Machine</u> | <u>Year Built</u> |
|---------------------|-------------------|----------------|-------------------|
| <u>see attached</u> |                   |                |                   |
|                     |                   |                |                   |
|                     |                   |                |                   |

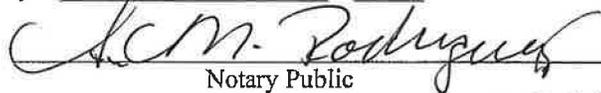
and that George Eby will be assigned to work  
(Name of Superintendent)

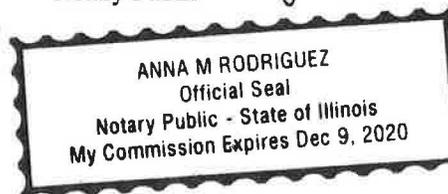
under this contract, and that his experience in this kind of work is as follows:

| <u>Name of Job</u>             | <u>Engineer or Owner</u> |
|--------------------------------|--------------------------|
| <u>City of Geneva</u>          | <u>Elton Orozco</u>      |
| <u>Village of Schaumburg</u>   | <u>Brad Hurban</u>       |
| <u>Village of Carol Stream</u> | <u>Bill Cleveland</u>    |

Signature: 

Subscribed and sworn to before me this 1st day of June 2017

  
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

2017 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 William T. Madden, Asst. Secretary

Plote Construction Inc.

COMPANY

6/1/17

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

Plote Construction Inc. (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.

Plote Construction Inc.  
CONTRACTOR'S NAME

BY:   
William T. Madden, Asst. Secretary  
(TITLE)

Subscribed and sworn before me this 1st

Day of June, 2017

  
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 William T. Madden, Asst. Secretary

Plote Construction Inc.  
\_\_\_\_\_  
COMPANY

6/1/17  
\_\_\_\_\_  
DATE



## **ADDENDUM #1**

**PROJECT NAME: 2017 Street Improvements**

**DATE: 05/22/2017**

**Please include this sheet with bid package**

The following revisions and/or additions to the Plans and Specifications are to be included in the original Special Provisions. This Addendum shall take precedence over anything contrary on the previously issued Drawings and Specifications and shall be referred to hereinafter as part of the Contract Documents. Bidders shall acknowledge receipt of this addendum in the Bid Form.

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Bid Documents; Schedule of Prices; Page #52; Item #97: SANITARY SERVICE REMOVAL AND REPLACEMENT: the Unit shall be FOOT.

END OF TEXT FOR ADDENDUM #1

P:\Engineering\2017 Projects\2017 Street Improvement\BID DOCUMENTS\2017 Bid Documents\Bid Package 2017 Street Improve\Addendum #1.docx

**CITY OF GENEVA • PUBLIC WORKS DEPARTMENT**  
**1800 South Street, Geneva, Illinois 60134-2547 • Tel 630-232-1501 • FAX 630-208-1503**

# Document A310™ – 2010

Conforms with The American Institute of Architects AIA Document 310

## Bid Bond

### CONTRACTOR:

(Name, legal status and address)

Plote Construction Inc.  
1100 Brandt Drive  
Hoffman Estates, IL 60192

### SURETY:

(Name, legal status and principal place of business)

Liberty Mutual Insurance Company  
175 Berkeley Street  
Boston, MA 02116  
Mailing Address for Notices

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

### OWNER:

(Name, legal status and address)

City of Geneva  
22 South First Street  
Geneva, IL 60134

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

**BOND AMOUNT:** 5% Five Percent of Amount Bid

### PROJECT:

(Name, location or address, and Project number, if any)

2017 Street Improvements - resurfacing

The Contractor and Surety are bound to the Owner in the amount set forth above, for the payment of which the Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, as provided herein. The conditions of this Bond are such that if the Owner accepts the bid of the Contractor within the time specified in the bid documents, or within such time period as may be agreed to by the Owner and Contractor, and the Contractor either (1) enters into a contract with the Owner in accordance with the terms of such bid, and gives such bond or bonds as may be specified in the bidding or Contract Documents, with a surety admitted in the jurisdiction of the Project and otherwise acceptable to the Owner, for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof; or (2) pays to the Owner the difference, not to exceed the amount of this Bond, between the amount specified in said bid and such larger amount for which the Owner may in good faith contract with another party to perform the work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect. The Surety hereby waives any notice of an agreement between the Owner and Contractor to extend the time in which the Owner may accept the bid. Waiver of notice by the Surety shall not apply to any extension exceeding sixty (60) days in the aggregate beyond the time for acceptance of bids specified in the bid documents, and the Owner and Contractor shall obtain the Surety's consent for an extension beyond sixty (60) days.

If this Bond is issued in connection with a subcontractor's bid to a Contractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

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

Signed and sealed this 1st day of June, 2017.

Janne Kraus  
(Witness)

Plote Construction Inc.  
(Principal) (Seal)

By: William T. Madden  
(Title) William T. Madden Assistant Secretary

Rebecca R. Alves  
(Witness) Rebecca R. Alves

Liberty Mutual Insurance Company  
(Surety) (Seal)

By: William Reidinger  
(Title) William Reidinger, Attorney-in-Fact



This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated. Not valid for mortgage, note, loan, letter of credit, bank deposit, currency rate, interest rate or residual value guarantees. To confirm the validity of this Power of Attorney call 610-832-8240 between 9:00 am and 4:30 pm EST on any business day.

Liberty Mutual Insurance Company  
The Ohio Casualty Insurance Company  
West American Insurance Company

### POWER OF ATTORNEY

KNOWN ALL PERSONS BY THESE PRESENTS: That The Ohio Casualty Insurance Company is a corporation duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, William Reidinger of the city of Schaumburg, state of IL its true and lawful attorney-in-fact, with full power and authority hereby conferred to sign, execute and acknowledge the following surety bond:

Principal Name: Plote Construction Inc.  
Obligee Name: City of Geneva  
Surety Bond Number: Bid Bond Bond Amount: See Bond Form

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 6<sup>th</sup> day of March, 2017.



The Ohio Casualty Insurance Company  
Liberty Mutual Insurance Company  
West American Insurance Company  
By: David M. Carey  
David M. Carey, Assistant Secretary

STATE OF PENNSYLVANIA ss  
COUNTY OF MONTGOMERY

On this 6<sup>th</sup> day of March, 2017, before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of Liberty Mutual Insurance Company, The Ohio Casualty Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at King of Prussia, Pennsylvania, on the day and year first above written.



COMMONWEALTH OF PENNSYLVANIA  
Notarial Seal  
Teresa Pastella, Notary Public  
Upper Merion Twp., Montgomery County  
My Commission Expires March 28, 2021  
Member, Pennsylvania Association of Notaries

By: Teresa Pastella  
Teresa Pastella, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

**ARTICLE IV – OFFICERS – Section 12. Power of Attorney.** Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When so executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

**ARTICLE XIII – Execution of Contracts – SECTION 5. Surety Bonds and Undertakings.** Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

**Certificate of Designation –** The President of the Company, acting pursuant to the Bylaws of the Company, authorizes David M. Carey, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

**Authorization –** By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

I, Renee C. Llewellyn, the undersigned, Assistant Secretary, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy of the Power of Attorney executed by said Companies, is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 1<sup>st</sup> day of June, 2017.



By: Renee C. Llewellyn  
Renee C. Llewellyn, Assistant Secretary



**CONTRACT:**

- 1) THIS AGREEMENT, made and concluded the 19<sup>th</sup> day of June, 2017 between the CITY of GENEVA, ILLINOIS acting by and through its MAYOR and CITY COUNCIL known as the party of the first part, and PLOTE CONSTRUCTION INC. acting by and through his/there executors, administrators, successors or assigns, known as the party of the second part.
- 2) In consideration of the payments and agreements mentioned in the Proposal hereto attached, to be made and performed by the party of the first part, and according to the terms expressed in the Bond referring to these presents, the party of the second part agrees with party of the first part at his/their own proper cost and expense to do all the work, furnish all materials and all labor necessary to complete the work in a workman like manner and in accordance with the plans and specifications, and in full compliance with all the terms of this agreement.
- 3) It is also understood and agreed that the Plans, Notice to Bidders, Instructions to Bidders, Special Provisions, Proposal, Schedule of Prices, and Contract Bond, Affidavits and Certifications and Addendum hereto attached for the 2017 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.

Attest:

[Signature] Clerk

(Seal)

The City of GENEVA, ILLINOIS

by [Signature]  
MAYOR

Attest:

[Signature] Secretary  
William T. Madden, Asst. Secretary

(Seal)

Corporation Name: PLOTE CONSTRUCTION INC.

[Signature]  
Daniel R. Plote  
President Party of the Second Part