

| REINFORCED CRUSHED ROCK BASE |                                 |                                         |                      |
|------------------------------|---------------------------------|-----------------------------------------|----------------------|
| STATION                      | CRUSHED ROCK BASE (200 mm) (m2) | GEOGRID REINFORCE- MENT (FOR BASE) (m2) | REMARKS              |
| HILLSIDE:                    |                                 |                                         |                      |
| 0+181.670 - 0+547.920        | 7168.67                         | 7168.67                                 |                      |
| 0+547.920 - 0+601.353        | 229.25                          | 229.25                                  | Widening and Overlay |
| 0+601.353 - 0+693.900        | 113.85                          | 113.85                                  | Overlay and Median   |
| 0+530 Perimeter Rd.          | 72.56                           | 72.56                                   | Valley Gutter        |
| 18TH STREET NORTH:           |                                 |                                         |                      |
| 4+940.898 - 4+983.841        | 388.70                          | 388.70                                  |                      |
| STADIUM:                     |                                 |                                         |                      |
| 4+964.959 - 4+972.716        | 77.48                           | 77.48                                   |                      |
| MAPLEWOOD:                   |                                 |                                         |                      |
| 4+968.821 - 4+977.970        | 108.96                          | 108.96                                  |                      |
| PROJECT TOTAL                |                                 |                                         |                      |
|                              | 8159.47                         | 8159.47                                 |                      |

| A. C. PAVEMENT (BM-2, PG 70-28) |                                   |                                         |                           |                      |
|---------------------------------|-----------------------------------|-----------------------------------------|---------------------------|----------------------|
| STATION                         | A.C. WEARING SURFACE (50 mm) (m2) | A.C. BIT. BASE (PG 70-28) (125 mm) (m2) | A.C. OVERLAY (50 mm) (m2) | REMARKS              |
| HILLSIDE:                       |                                   |                                         |                           |                      |
| 0+181.670 - 0+547.920           | 6205.47                           | 6205.47                                 |                           |                      |
| 0+547.920 - 0+601.353           |                                   |                                         | 925.87                    | Widening and Overlay |
| 0+601.353 - 0+693.900           |                                   |                                         | 1357.73                   | Overlay and Median   |
| 0+693.900 - 0+770.339           |                                   |                                         | 1650.44                   | Overlay Only         |
| 18TH STREET NORTH:              |                                   |                                         |                           |                      |
| 4+940.898 - 4+983.841           | 307.34                            | 307.34                                  |                           |                      |
| STADIUM:                        |                                   |                                         |                           |                      |
| 4+964.959 - 4+972.716           | 60.95                             |                                         | 60.95                     |                      |
| MAPLEWOOD:                      |                                   |                                         |                           |                      |
| 4+968.821 - 4+981.161           | 86.40                             | 86.40                                   |                           |                      |
| PROJECT TOTAL                   |                                   |                                         |                           |                      |
|                                 | 6660.16                           | 6660.16                                 | 3934.04                   |                      |

| REMOVAL OF EXISTING STRUCTURES * (FOR INFORMATION ONLY) |                          |                              |
|---------------------------------------------------------|--------------------------|------------------------------|
| STATION                                                 | OFFSET                   | DESCRIPTION                  |
| STORM SEWER:                                            |                          |                              |
| 0+393.69                                                | 8.1 m Lt.                | Curb Inlet                   |
| 0+393.69 to 0+437.59                                    | 8.1 to 10.1 m Lt.        | 381 mm x 43.4 m RCP          |
| 0+437.59                                                | 10.1 m Lt.               | Manhole                      |
| 0+437.59 to 0+438.14                                    | 10.1 to 13.2 m Lt.       | 610 mm x 3.2 m RCP           |
| 0+438.14 to 0+438.22                                    | 13.2 to 30.1 m Lt.       | 610 mm x 16.9 m RCP          |
| 0+437.59 to 0+435.09                                    | 10.1 m Lt. to 7.5 m Rt.  | 610 mm x 17.6 m RCP          |
| SANITARY SEWER                                          |                          |                              |
| 0+436.28                                                | 15.6 m Lt.               | Manhole                      |
| 0+487.25                                                | 15.7 m Lt.               | Manhole                      |
| 0+660.37                                                | 15.5 m Lt. to 13.5 m Rt. | 200 mm x 29.0 m pipe         |
| HOUSE FOUNDATIONS: Hillside                             |                          |                              |
| STATION                                                 | SIDE                     | DESCRIPTION                  |
| 0+255                                                   | Lt.                      | Demo. Backfill Stabilization |
| 0+270                                                   | Lt.                      | Demo. Backfill Stabilization |
| 0+285                                                   | Lt.                      | Demo. Backfill Stabilization |
| 0+300                                                   | Lt.                      | Demo. Backfill Stabilization |
| 0+315                                                   | Lt.                      | Demo. Backfill Stabilization |
| 0+330                                                   | Lt.                      | Demo. Backfill Stabilization |
| 0+345                                                   | Lt.                      | Demo. Backfill Stabilization |
| 0+360                                                   | Lt.                      | Demo. Backfill Stabilization |
| 0+375                                                   | Lt.                      | Demo. Backfill Stabilization |
| 0+390                                                   | Lt.                      | Demo. Backfill Stabilization |
| 0+420                                                   | Lt.                      | " (Basement)                 |

\*THE LISTING MAY NOT BE COMPLETE. PAYMENT FOR STRUCTURES OR OBSTRUCTIONS NOT LISTED BUT WHOSE REMOVAL IS REQUIRED BY THE CONSTRUCTION, AS DETERMINED BY THE ENGINEER, SHALL NOT BE PAID FOR DIRECTLY BUT SHALL BE INCLUDED IN THE BID ITEM "REMOVAL OF EXISTING STRUCTURES".

| UTILITY ADJUSTMENTS                                                                |             |         |             |
|------------------------------------------------------------------------------------|-------------|---------|-------------|
| STATION/OFFSET                                                                     | WATER VALVE | MANHOLE | REMARKS     |
| 0+191.89, 8.45 m Lt.                                                               | 1           |         | 2" Service  |
| 0+195.38, 3.67 m Rt.                                                               |             | 1       | SWB Manhole |
| 0+198.03, 9.37 m Lt.                                                               | 1           |         |             |
| 0+213.41, 9.44 m Lt.                                                               | 1           |         |             |
| 0+449.18, 9.68 m Lt.                                                               | 1           |         |             |
| 0+448.49, 9.04 m Lt.                                                               | 1           |         |             |
| 0+535.36, 9.47 m Lt.                                                               | 1           |         |             |
| PROJECT TOTAL                                                                      |             |         |             |
|                                                                                    | 6           | 1       |             |
| FOR INFORMATION ONLY:                                                              |             |         |             |
| Fire Hydrant Assy. To be relocated by C.O.W. prior to const. 0+213.42, 11.26 m Lt. |             |         |             |
| Firy Hydrant Assy. To be relocated by C.O.W. prior to const. 0+453.10, 7.92 m Lt.  |             |         |             |
| Fire Hydrant Assy. To be relocated by C.O.W. prior to const. 0+534.45, 11.88 m Lt. |             |         |             |

| CURB AND GUTTER, COMBINED |      |            |             |              |                          |                     |
|---------------------------|------|------------|-------------|--------------|--------------------------|---------------------|
| STATION TO STATION        | SIDE | TYPE I (m) | TYPE II (m) | TYPE III (m) | Monolithic Edge Curb (m) | REMARKS             |
| HILLSIDE:                 |      |            |             |              |                          |                     |
| 0+181.67 - 0+212.23       | Lt.  | 40.53      |             |              |                          | Inc. 1 curb return  |
| 0+224.38 - 0+438.22       | Lt.  | 221.68     |             |              |                          | Inc. 2 curb return  |
| 0+244.69 - 0+355.97       | Rt.  | 111.28     |             |              |                          |                     |
| 0+376.15 - 0+434.20       | Rt.  | 58.05      |             |              |                          |                     |
| 0+447.60 - 0+523.60       | Lt.  | 86.74      |             |              |                          | Inc. 2 curb return  |
| 0+532.38 - 0+601.35       | Lt.  | 73.45      |             |              |                          | Inc. 1 curb return  |
| 0+547.92 - 0+601.35       | Rt.  | 53.43      |             |              |                          |                     |
| 18TH STREET NORTH:        |      |            |             |              |                          |                     |
| 4+940.90 - 4+983.841      | Lt.  | 40.96      |             |              |                          |                     |
| 4+940.90 - 4+975.30       | Rt.  | 36.39      |             |              |                          |                     |
| STADIUM STREET            |      |            |             |              |                          |                     |
| 4+964.96 - 4+972.68       | Lt.  | 7.72       |             |              |                          |                     |
| 4+964.96 - 4+972.72       | Rt.  | 7.76       |             |              |                          |                     |
| MAPLEWOOD                 |      |            |             |              |                          |                     |
| 4+971.56                  | Lt.  |            | 3.98        |              |                          | Through driveway    |
| 4+968.82 - 4+977.97       | Rt.  | 9.15       |             |              |                          |                     |
| 4+968.82 - 4+981.16       | Lt.  | 8.36       |             |              |                          | Excludes driveway   |
| HILLSIDE MEDIAN           |      |            |             |              |                          |                     |
| 0+271.64 - 0+435.08       | ℄    |            |             | 331.29       |                          | Includes Transition |
| 0+450.57 - 0+520.71       | ℄    |            |             | 147.06       |                          | Includes Transition |
| 0+627.90 - 0+692.29       | ℄    |            |             | 131.80       |                          | Includes Transition |
| PERIMETER ROAD            |      |            |             |              |                          |                     |
|                           |      |            |             | 14.36        |                          | Valley Gutter       |
| TOTAL                     |      |            |             |              |                          |                     |
|                           |      | 855.50     | 3.98        | 610.15       | 14.36                    |                     |

| SIDEWALK CONSTRUCTION (AE) |      |                             |              |                            |
|----------------------------|------|-----------------------------|--------------|----------------------------|
| LOCATION                   |      | 100 mm<br>(m <sup>2</sup> ) | WIDTH<br>(m) | REMARKS                    |
| STATION TO STATION         | SIDE |                             |              |                            |
| HILLSIDE:                  |      |                             |              |                            |
| 0+181.67 – 0+210.17        | Lt.  | 54.52                       | 1.8          | Excludes 1 wheelchair ramp |
| 0+228.25 – 0+434.01        | Lt.  | 377.26                      | 1.8          | Excludes 2 wheelchair ramp |
| 0+451.78 – 0+518.81        | Lt.  | 121.08                      | 1.8          | Excludes 2 wheelchair ramp |
| 0+541.74 – 0+598.05        | Lt.  | 101.28                      | 1.8          | Excludes 1 wheelchair ramp |
|                            |      |                             |              |                            |
| 18TH STREET NORTH          |      |                             |              |                            |
| 4+940.90 – 4+979.41        | Rt.  | 75.43                       | 1.8          |                            |
| 4+940.90 – 4+986.60        | Lt.  | 75.05                       | 1.8          |                            |
|                            |      |                             |              |                            |
| STADIUM STREET             |      |                             |              |                            |
| 4+967.84                   | Rt.  | 7.13                        | 1.0          | Walk for utility           |
|                            |      |                             |              |                            |
|                            |      |                             |              |                            |
| PROJECT TOTAL              |      | 811.75                      |              |                            |

| SURVEY MONUMENT (INSTALL ONLY) |             |               |                                            |
|--------------------------------|-------------|---------------|--------------------------------------------|
| STATION                        | SIDE        | QUANTITY EACH | REMARKS                                    |
| 0+000.000                      | 0.000 m Rt. | 1             | SE Cor., NW 1/4, Sec. 10, T27S, R1E        |
| 0+402.181                      | 0.000 m Rt. | 1             | SE Cor., N 1/2, NE 1/4, Sec. 10, T27S, R1E |
| PROJECT TOTAL                  |             |               |                                            |
|                                |             | 2             |                                            |

| UNDERDRAIN            |      |                       |                            |                         |                            |
|-----------------------|------|-----------------------|----------------------------|-------------------------|----------------------------|
| STATION TO STATION    | SIDE | MEDIAN UNDERDRAIN (m) | MEDIAN PIPE UNDERDRAIN (m) | PAVEMENT UNDERDRAIN (m) | REMARKS                    |
| 0+629.229 - 0+690.969 | ℄    | 61.7                  |                            |                         |                            |
| 0+274.738 - 0+409.507 | Lt.  |                       | 115.3                      |                         | Drain to curb inlet        |
| 0+409.507 - 0+431.795 | Lt.  |                       | 22.4                       |                         |                            |
| 0+456.167 - 0+518.165 | Lt.  |                       | 72.9                       |                         | Drain to pvmnt. underdrain |
| 0+234.081 - 0+408.943 | Lt.  |                       |                            | 175.3                   | Drain to curb inlet        |
| 0+410.744 - 0+436.375 | Lt.  |                       |                            | 33.0                    | Drain to curb inlet        |
| 0+438.215 - 0+513.275 | Lt.  |                       |                            | 81.1                    | Drain to curb inlet        |
| 0+244.690 - 0+355.968 | Rt.  |                       |                            | 118.5                   | Drain to curb inlet        |
| 0+376.300 - 0+434.196 | Rt.  |                       |                            | 57.9                    | Drain to curb inlet        |
| PROJECT TOTAL         |      |                       |                            |                         |                            |
|                       |      | 61.7                  | 210.6                      | 465.8                   |                            |

| EARTHWORK              |             |     |            |     |                                  |            |                       |                  |                          |                                |         |
|------------------------|-------------|-----|------------|-----|----------------------------------|------------|-----------------------|------------------|--------------------------|--------------------------------|---------|
| STATION TO STATION     | EXCAVATION  |     |            |     |                                  | COMPACTION |                       | TO BE WASTED     |                          | SUBGRADE COMPACTION (95%) (m3) | REMARKS |
|                        | COMMON (m3) | VMF | *ROCK (m3) | VMF | SELECT SOIL CONT. FURNISHED (m3) | VMF        | (TYPE B) (MR-90) (m3) | SELECT SOIL (m3) | COMMON † EXCAVATION (m3) | ROCK ‡ EXCAVATION (m3)         |         |
| ROADWAY IMPROVEMENTS   |             |     |            |     |                                  |            |                       |                  |                          |                                |         |
| 0+181.670 to 0+770.339 | 3,313       | 0.8 | 1,475      |     | 2,625                            | 1.0        | 2,385                 | 2,625            | 265                      | 1,475                          | 1,224   |
|                        |             |     |            |     |                                  |            |                       |                  |                          |                                |         |
|                        |             |     |            |     |                                  |            |                       |                  |                          |                                |         |
|                        |             |     |            |     |                                  |            |                       |                  |                          |                                |         |
|                        |             |     |            |     |                                  |            |                       |                  |                          |                                |         |
|                        |             |     |            |     |                                  |            |                       |                  |                          |                                |         |
|                        |             |     |            |     |                                  |            |                       |                  |                          |                                |         |
|                        |             |     |            |     |                                  |            |                       |                  |                          |                                |         |
| PROJECT TOTAL          | 3,313       |     | 1,475      |     | 2,625                            |            | 2,385                 | 2,625            | 265                      | 1,475                          | 1,224   |

\* Rock Excavation includes Pavement, Sidewalk and Drive Removal. Paid as "Pavement Removal", "Sidewalk Removal" and "Drive Removal".

† Removal of waste material shall be subsidiary to "Common Excavation"

‡ Removal of waste material shall be subsidiary to "Pavement Removal", "Sidewalk Removal", and "Drive Removal".

| WHEELCHAIR RAMP |      |                 |         |
|-----------------|------|-----------------|---------|
| STATION         | SIDE | QUANTITY (Each) | REMARKS |
| 0+212.33        | Lt.  | 1               |         |
| 0+226.18        | Lt.  | 1               |         |
| 0+436.46        | Lt.  | 1               |         |
| 0+449.41        | Lt.  | 1               |         |
| 0+521.05        | Lt.  | 1               |         |
| 0+538.66        | Lt.  | 1               |         |
| PROJECT TOTAL   |      |                 |         |
|                 |      | 6               |         |

| BRICK PAVERS (60 mm) |            |               |         |
|----------------------|------------|---------------|---------|
| STATION              | OFFSET (m) | QUANTITY (m2) | REMARKS |
| 0+271.642            | 1.552 Lt.  | 4.15          |         |
| 0+435.084            | 8.918 Lt.  | 9.02          |         |
| 0+450.570            | 8.761 Lt.  | 8.84          |         |
| 0+520.707            | 1.245 Lt.  | 10.89         |         |
| 0+627.904            | ℄          | 5.18          |         |
| 0+692.294            | ℄          | 5.18          |         |
| PROJECT TOTAL        |            |               |         |
|                      |            | 43.26         |         |

| CONCRETE PAVEMENT (AE) |      |                                   |                                           |                |
|------------------------|------|-----------------------------------|-------------------------------------------|----------------|
| STATION                | SIDE | 150 mm<br>(AE)<br>(Plain)<br>(m2) | 200 mm<br>(Uniform)<br>(AE)(NRDJ)<br>(m2) | REMARKS        |
| MAPLEWOOD:             |      |                                   |                                           |                |
| 4+971.56               | Lt.  | 14.81                             |                                           | Driveway       |
| HILLSIDE:              |      |                                   |                                           |                |
| 0+547.920 to 0+601.353 |      |                                   | 116.98                                    | Pvmt. Widening |
|                        |      |                                   |                                           |                |
| PROJECT TOTAL          |      | 14.81                             | 199.17                                    |                |

| REINFORCED CONCRETE VALLEY GUTTER |      |                          |                                                   |
|-----------------------------------|------|--------------------------|---------------------------------------------------|
| STATION                           | SIDE | 200 mm UNIFORM (AE) (m2) | REMARKS                                           |
| PERIMETER ROAD                    |      | 68.43                    | Partial replacement of exist. conc. valley gutter |
| PROJECT TOTAL                     |      |                          |                                                   |
|                                   |      | 68.43                    |                                                   |

| IRRIGATION SLEEVES (150 mm)(SCH. 40) |      |              |         |
|--------------------------------------|------|--------------|---------|
| STATION                              | SIDE | QUANTITY (m) | REMARKS |
| 0+259.0                              | Rt.  | 9.9          |         |
| 0+259.5                              | Rt.  | 9.9          |         |
| 0+314.0                              | Lt.  | 9.9          |         |
| 0+314.5                              | Lt.  | 9.9          |         |
| 0+406.5                              | Rt.  | 9.9          |         |
| 0+407.0                              | Rt.  | 9.9          |         |
| 0+406.5                              | Lt.  | 9.9          |         |
| 0+407.0                              | Lt.  | 9.9          |         |
| 0+443.0                              | Lt.  | 24.0         |         |
| 0+443.0                              | Lt.  | 24.0         |         |
| 0+458.5                              | Rt.  | 14.8         |         |
| 0+459.0                              | Rt.  | 14.8         |         |
| 0+458.5                              | Lt.  | 9.9          |         |
| 0+459.0                              | Lt.  | 9.9          |         |
| 0+631.0                              | Rt.  | 11.4         |         |
| 0+631.5                              | Rt.  | 11.4         |         |
| 0+688.8                              | Rt.  | 9.9          |         |
| 0+689.0                              | Rt.  | 9.9          |         |
| 0+688.5                              | Lt.  | 11.5         |         |
| 0+689.0                              | Lt.  | 11.5         |         |
| PROJECT TOTAL                        |      |              |         |
|                                      |      | 242.2        |         |

| RECAPITULATION OF QUANTITIES                         |          |      |
|------------------------------------------------------|----------|------|
| BID ITEM                                             | QUANTITY | UNIT |
| ROADWAY ITEMS                                        |          |      |
| FIELD OFFICE AND LABORATORY (TYPE A)                 | 1        | EACH |
| MOBILIZATION                                         | 1        | L.S. |
| REMOVAL OF EXISTING STRUCTURES                       | 1        | L.S. |
| EROSION CONTROL (BMP)                                | 1        | L.S. |
| TRAFFIC CONTROL                                      | 1        | L.S. |
| CLEARING AND GRUBBING                                | 1        | L.S. |
| PAVEMENT MARKING                                     | 1        | L.S. |
| STREET SIGNAGE                                       | 1        | L.S. |
| PAVEMENT REMOVAL                                     | 6,598    | m2   |
| DRIVEWAY REMOVAL                                     | 159      | m2   |
| SIDEWALK REMOVAL                                     | 621      | m2   |
| COMMON EXCAVATION                                    | 3,313    | m3   |
| COMPACTED SUBGRADE (95% ASTM D 698)                  | 1,224    | m3   |
| COMPACTION (TYPE B, MR-90)                           | 2,385    | m3   |
| SELECT SOIL (CONTRACTOR FURNISHED)                   | 2,625    | m3   |
| GEOGRID REINFORCEMENT (FOR BASE)                     | 8,160    | m2   |
| CRUSHED ROCK BASE (200 mm)                           | 8,160    | m2   |
| COLD MILLING ASPHALT PAVEMENT (50 mm)                | 2,284    | m2   |
| A.C. PAVEMENT (125 mm BASE COURSE)(BM-2, PG 70-28)   | 6,660    | m2   |
| A.C. PAVEMENT (50 mm SURFACE COURSE)(BM-2, PG 70-28) | 6,660    | m2   |
| A.C. PAVEMENT (50 mm)(OVERLAY)(BM-2, PG 70-28)       | 3,934    | m2   |
| CONCRETE PAVEMENT (200 mm)(UNIF.)(AE)(NRDJ)          | 117      | m2   |
| CONCRETE PAVEMENT (150 mm)(PLAIN)(AE)                | 15       | m2   |
| REINFORCED CONCRETE VALLEY GUTTER (200 mm)           | 68       | m2   |
| CURB AND GUTTER, COMBINED (TYPE I AND II)            | 859      | m    |
| CURB AND GUTTER, COMBINED (TYPE III)                 | 610      | m    |
| MONO EDGE CURB                                       | 14       | m    |
| CLAY BRICK PAVERS (60 mm)                            | 43       | m2   |
| SIDEWALK CONSTRUCTION (100 mm)(AE)                   | 812      | m2   |
| WHEELCHAIR RAMP                                      | 6        | EACH |
| UNDERDRAIN, MEDIAN                                   | 62       | m    |
| UNDERDRAIN, MEDIAN PIPE (100 mm PVC)                 | 211      | m    |
| UNDERDRAIN, PAVEMENT (100 mm PVC)                    | 466      | m    |
| STORM SEWER ITEMS                                    |          |      |
| INLET (CURB)(TYPE 1)(1.5 x 1.32 m)                   | 1        | EACH |
| INLET (CURB)(TYPE 1)(3.0 x 2.24 m)                   | 1        | EACH |
| 375 mm STORM SEWER (RCP)                             | 30       | m    |
| 0.55 m2 STORM SEWER (RCPHE)                          | 36       | m    |