

| FHWA<br>REGION<br>NO. | STATE  | PROJECT NO.  | YEAR | SHEET<br>NO. | TOTAL<br>SHEETS |
|-----------------------|--------|--------------|------|--------------|-----------------|
| 7                     | KANSAS | 87 N-0061-01 | 1998 | 38           | 91              |

| COMBINED CURB & GUTTER (AE) |              |      |             |              |                 |
|-----------------------------|--------------|------|-------------|--------------|-----------------|
| STA. TO STA.                | STREET       | SIDE | TYPE I<br>m | TYPE II<br>m | REMARKS         |
| 4+983.865 4+992.865         | Dewey Street | Rt.  | 14.372      |              | Lt. Broadway    |
| 4+983.865 4+988.425         | Dewey Street | Lt.  | 4.560       |              | Lt. Broadway    |
| 22+667.019 22+679.225       | Broadway Ave | Lt.  | 15.146      |              |                 |
| 22+679.225 22+685.975       | Broadway Ave | Lt.  |             | 6.750        | 5.2 m Drive     |
| 22+685.975 22+696.575       | Broadway Ave | Lt.  | 10.600      |              |                 |
| 22+696.575 22+705.425       | Broadway Ave | Lt.  |             | 8.850        | 7.3 m Drive     |
| 22+705.425 22+710.925       | Broadway Ave | Lt.  | 5.500       |              |                 |
| 22+710.925 22+716.475       | Broadway Ave | Lt.  |             | 5.550        | 4.0 m Drive     |
| 22+716.475 22+722.475       | Broadway Ave | Lt.  | 6.000       |              |                 |
| 22+722.475 22+728.525       | Broadway Ave | Lt.  |             | 6.050        | 4.5 m Drive     |
| 22+728.525 22+740.125       | Broadway Ave | Lt.  | 11.600      |              |                 |
| 22+740.125 22+747.675       | Broadway Ave | Lt.  |             | 7.550        | 6.0 m Drive     |
| 22+747.675 22+783.325       | Broadway Ave | Lt.  | 35.650      |              |                 |
| 22+783.325 22+790.675       | Broadway Ave | Lt.  |             | 7.350        | 5.8 m Drive     |
| 22+790.675 22+799.551       | Broadway Ave | Lt.  | 11.816      |              | Lewis Street    |
| 22+811.675 22+849.225       | Broadway Ave | Lt.  | 40.490      |              |                 |
| 22+849.225 22+856.775       | Broadway Ave | Lt.  |             | 7.550        | 6.0 m Drive     |
| 22+856.775 22+869.775       | Broadway Ave | Lt.  | 13.000      |              |                 |
| 22+869.775 22+879.625       | Broadway Ave | Lt.  |             | 9.850        | 8.3 m Drive     |
| 22+879.625 22+918.575       | Broadway Ave | Lt.  | 38.950      |              |                 |
| 22+918.575 22+930.825       | Broadway Ave | Lt.  |             | 12.250       | 10.7 m Drive    |
| 22+930.825 22+940.798       | Broadway Ave | Lt.  | 12.342      |              | Waterman Street |
| 22+957.164 22+964.375       | Broadway Ave | Lt.  | 9.580       |              |                 |
| 22+964.375 22+973.225       | Broadway Ave | Lt.  |             | 8.850        | 7.3 m Drive     |
| 22+973.225 23+012.475       | Broadway Ave | Lt.  | 39.250      |              |                 |
| 23+012.475 23+021.525       | Broadway Ave | Lt.  |             | 9.050        | 7.5 m Drive     |
| 23+021.525 23+045.839       | Broadway Ave | Lt.  | 24.314      |              |                 |
| 23+045.839 23+055.389       | Broadway Ave | Lt.  |             | 9.550        | 8 m Drive       |
| 23+055.389 23+063.839       | Broadway Ave | Lt.  | 8.450       |              |                 |
| 23+063.839 23+070.389       | Broadway Ave | Lt.  |             | 6.550        | 5 m Drive       |
| 23+070.389 23+085.205       | Broadway Ave | Lt.  | 18.326      |              | English Street  |
| 23+088.887 23+141.925       | Broadway Ave | Lt.  | 46.548      |              |                 |
| 23+141.925 23+148.475       | Broadway Ave | Lt.  |             | 6.550        | 5.0 m Drive     |
| 23+148.475 23+176.131       | Broadway Ave | Lt.  | 27.656      |              |                 |
| 23+176.131 23+181.181       | Broadway Ave | Lt.  |             | 5.050        | 3.5 m Drive     |
| 23+181.181 23+189.075       | Broadway Ave | Lt.  | 7.894       |              |                 |
| 23+189.075 23+193.625       | Broadway Ave | Lt.  |             | 4.550        | 3.0 m Drive     |
| 23+193.625 23+195.891       | Broadway Ave | Lt.  | 2.266       |              |                 |
| 23+195.891 23+201.191       | Broadway Ave | Lt.  |             | 5.300        | 3.75 m Drive    |
| 23+201.191 23+228.706       | Broadway Ave | Lt.  | 30.455      |              | End Project     |
| 5+011.744 5+017.744         | Dewey Street | Rt.  | 9.660       |              | Rt. Broadway    |
| 5+017.744 5+019.000         | Dewey Street | Lt.  | 1.702       |              | Rt. Broadway    |
| 22+667.081 22+705.325       | Broadway Ave | Rt.  | 41.754      |              |                 |
| 22+705.325 22+711.875       | Broadway Ave | Rt.  |             | 6.550        | 5.0 m Drive     |
| 22+711.875 22+722.725       | Broadway Ave | Rt.  | 10.850      |              |                 |
| 22+722.725 22+729.275       | Broadway Ave | Rt.  |             | 6.550        | 5.0 m Drive     |
| 22+729.275 22+742.625       | Broadway Ave | Rt.  | 13.350      |              |                 |
| 22+742.625 22+749.375       | Broadway Ave | Rt.  |             | 6.750        | 5.2 m Drive     |
| 22+749.375 22+756.175       | Broadway Ave | Rt.  | 6.800       |              |                 |
| 22+756.175 22+765.025       | Broadway Ave | Rt.  |             | 8.850        | 7.3 m Drive     |
| 22+765.025 22+799.860       | Broadway Ave | Rt.  | 38.345      |              | Lewis Street    |
| 22+811.543 22+899.725       | Broadway Ave | Rt.  | 91.692      |              |                 |
| 22+899.725 22+908.075       | Broadway Ave | Rt.  |             | 8.350        | 6.8 m Drive     |
| 22+908.075 22+914.925       | Broadway Ave | Rt.  | 6.850       |              |                 |
| 22+914.925 22+923.275       | Broadway Ave | Rt.  |             | 8.350        | 6.8 m Drive     |
| 22+923.275 22+941.562       | Broadway Ave | Rt.  | 20.513      |              | Waterman Street |
| 22+958.071 22+965.425       | Broadway Ave | Rt.  | 9.723       |              |                 |
| 22+965.425 22+974.575       | Broadway Ave | Rt.  |             | 9.150        | 7.6 m Drive     |
| 22+974.575 23+012.225       | Broadway Ave | Rt.  | 37.650      |              |                 |
| 23+012.225 23+031.375       | Broadway Ave | Rt.  |             | 19.150       | 17.6 m Drive    |
| 23+031.375 23+056.930       | Broadway Ave | Rt.  | 26.600      |              |                 |
| 23+057.975 23+065.780       | Broadway Ave | Rt.  |             | 8.850        | 7.3 m Drive     |
| 23+066.825 23+084.740       | Broadway Ave | Rt.  | 20.284      |              | English Street  |
| 23+101.169 23+228.742       | Broadway Ave | Rt.  | 132.311     |              | End Project     |
| TOTALS                      |              |      | 902.849     | 209.750      |                 |

| CONCRETE PAVEMENT (200 mm UNIF.) (AE) (NRDJ) |          |            |            |         |
|----------------------------------------------|----------|------------|------------|---------|
| STATION to STATION                           | ROADWAY  | WIDTH<br>m | AREA<br>m² | REMARKS |
| 22+654.345 22+673.231                        | Broadway | Varies     | 358.712    |         |
| 22+793.710 22+818.079                        | Broadway | Varies     | 425.643    |         |
| 22+936.648 22+962.221                        | Broadway | Varies     | 442.640    |         |
| 23+079.055 23+105.320                        | Broadway | Varies     | 445.985    |         |
| 23+223.556 23+229.950                        | Broadway | Varies     | 115.565    |         |
| TOTALS                                       |          |            | 1788.545   |         |

| SIDEWALK CONSTRUCTION (100 mm) (AE) |          |      |            |           |                                        |
|-------------------------------------|----------|------|------------|-----------|----------------------------------------|
| STA. TO STA.                        | ROADWAY  | SIDE | WIDTH<br>m | m²        | REMARKS                                |
| 22+654.345 22+673.169               | Broadway | Lt.  | Varies     | 38.468    | Dewey Street Includes (2) Walk Ramp    |
| 22+673.169 22+680.000               | Broadway | Lt.  | 2.580      | 15.298    | 5.2 m Drive                            |
| 22+685.200 22+697.350               | Broadway | Lt.  | 2.580      | 29.021    | 7.3 m Drive                            |
| 22+704.65 22+711.700                | Broadway | Lt.  | 2.580      | 15.863    | 4.0 m Drive                            |
| 22+715.700 22+723.250               | Broadway | Lt.  | 2.580      | 17.153    | 4.5 m Drive                            |
| 22+727.750 22+740.900               | Broadway | Lt.  | 2.580      | 31.601    | 6.0 m Drive                            |
| 22+746.900 22+784.100               | Broadway | Lt.  | 2.580      | 93.650    | 5.8 m Drive                            |
| 22+789.900 22+799.401               | Broadway | Lt.  | Varies     | 37.825    | Lewis Street Includes (1) Walk Ramp    |
| 22+811.825 22+850.000               | Broadway | Lt.  | Varies     | 111.517   | 6.0 m Drive Includes (1) Walk Ramp     |
| 22+856.000 22+870.550               | Broadway | Lt.  | 2.580      | 35.213    | 8.3 m Drive                            |
| 22+878.850 22+919.350               | Broadway | Lt.  | 2.580      | 102.164   | 10.7 m Drive                           |
| 22+930.050 22+940.648               | Broadway | Lt.  | Varies     | 30.358    | Waterman Street Includes (1) Walk Ramp |
| 22+957.314 22+965.150               | Broadway | Lt.  | Varies     | 23.259    | 7.3 m Drive Includes (1) Walk Ramp     |
| 22+972.450 23+013.250               | Broadway | Lt.  | 2.580      | 102.938   | 7.5 m Drive                            |
| 23+020.750 23+046.614               | Broadway | Lt.  | 2.580      | 64.403    | 8 m Drive                              |
| 22+856.000 23+064.614               | Broadway | Lt.  | 2.580      | 23.474    | 5 m Drive                              |
| 23+069.614 23+085.055               | Broadway | Lt.  | Varies     | 43.522    | English Street Includes (1) Walk Ramp  |
| 23+099.037 23+142.700               | Broadway | Lt.  | Varies     | 116.016   | 5.0 m Drive Includes (1) Walk Ramp     |
| 23+147.700 23+176.906               | Broadway | Lt.  | 2.580      | 73.025    | 3.5 m Drive                            |
| 23+180.406 23+189.850               | Broadway | Lt.  | 2.580      | 22.040    | 3.0 m Drive                            |
| 23+192.850 23+196.660               | Broadway | Lt.  | 2.580      | 7.504     | 3.75 m Drive                           |
| 23+200.416 23+228.556               | Broadway | Lt.  | Varies     | 73.082    | End Project Includes (1) Walk Ramp     |
| TOTALS                              |          |      |            | 2 296.095 |                                        |
| 22+654.345 22+706.100               | Broadway | Rt.  | Varies     | 133.970   | 5.0 m Drive Includes (2) Walk Ramp     |
| 22+711.100 22+723.500               | Broadway | Rt.  | 2.580      | 29.666    | 5.0 m Drive                            |
| 22+728.500 22+743.400               | Broadway | Rt.  | 2.580      | 36.116    | 5.2 m Drive                            |
| 22+748.600 22+756.950               | Broadway | Rt.  | 2.580      | 19.217    | 7.3 m Drive                            |
| 22+764.250 22+799.710               | Broadway | Rt.  | Varies     | 98.193    | Lewis Street Includes (1) Walk Ramp    |
| 22+811.693 22+900.500               | Broadway | Rt.  | Varies     | 234.094   | 6.8 m Drive Includes (1) Walk Ramp     |
| 22+907.300 22+915.700               | Broadway | Rt.  | 2.580      | 19.346    | 6.8 m Drive                            |
| 22+919.100 22+941.412               | Broadway | Rt.  | Varies     | 56.834    | Waterman Street Includes (1) Walk Ramp |
| 22+958.221 22+966.200               | Broadway | Rt.  | Varies     | 19.198    | 7.6 m Drive Includes (1) Walk Ramp     |
| 22+973.800 23+013.000               | Broadway | Rt.  | 2.580      | 98.810    | 17.6 m Drive                           |
| 23+030.600 23+058.750               | Broadway | Rt.  | 2.580      | 70.301    | 7.3 m Drive                            |
| 23+066.050 23+084.590               | Broadway | Rt.  | Varies     | 45.245    | English Street Includes (1) Walk Ramp  |
| 23+101.319 23+228.556               | Broadway | Rt.  | Varies     | 327.711   | End Project Includes (2) Walk Ramp     |
| TOTALS                              |          |      |            | 2 296.095 |                                        |

| CONCRETE PAVEMENT (160 mm UNIF.) (AE) |      |            |             |            |            |                                       |
|---------------------------------------|------|------------|-------------|------------|------------|---------------------------------------|
| STATION                               | SIDE | WIDTH<br>m | LENGTH<br>m | WING<br>m² | AREA<br>m² | REMARKS                               |
| 22+682.600                            | Lt.  | 2.580      | 5.200       | 1.163      | 15.742     |                                       |
| 22+601.000                            | Lt.  | 2.580      | 7.300       | 1.163      | 21.160     |                                       |
| 22+713.700                            | Lt.  | 2.580      | 4.000       | 1.163      | 12.646     |                                       |
| 22+725.500                            | Lt.  | 2.580      | 4.500       | 1.163      | 13.936     |                                       |
| 22+743.900                            | Lt.  | 2.580      | 6.000       | 1.163      | 17.806     |                                       |
| 22+787.000                            | Lt.  | 2.580      | 5.800       | 1.163      | 17.290     |                                       |
| 22+853.000                            | Lt.  | 2.580      | 6.000       | 1.163      | 17.806     |                                       |
| 22+874.700                            | Lt.  | 2.580      | 8.300       | 1.163      | 23.740     |                                       |
| 22+924.700                            | Lt.  | 2.580      | 10.700      | 1.163      | 29.932     |                                       |
| 22+968.800                            | Lt.  | 2.580      | 7.300       | 1.163      | 21.160     |                                       |
| 23+017.000                            | Lt.  | 2.580      | 7.500       | 1.163      | 21.676     |                                       |
| 23+050.614                            | Lt.  | 2.580      | 8.000       | 1.163      | 22.966     |                                       |
| 23+067.114                            | Lt.  | 2.580      | 5.000       | 1.163      | 15.226     |                                       |
| 23+145.200                            | Lt.  | 2.580      | 5.000       | 1.163      | 15.226     |                                       |
| 23+178.656                            | Lt.  | 2.580      | 3.500       | 1.163      | 11.356     |                                       |
| 23+191.350                            | Lt.  | 2.580      | 3.000       | 1.163      | 10.066     |                                       |
| 23+198.541                            | Lt.  | 2.580      | 3.750       | 1.163      | 12.001     |                                       |
| 22+708.600                            | Rt.  | 2.580      | 5.000       | 1.163      | 15.226     |                                       |
| 22+726.000                            | Rt.  | 2.580      | 5.000       | 1.163      | 15.226     |                                       |
| 22+746.000                            | Rt.  | 2.580      | 5.200       | 1.163      | 15.742     |                                       |
| 22+760.600                            | Rt.  | 2.580      | 7.300       | 1.163      | 21.160     |                                       |
| 22+903.900                            | Rt.  | 2.580      | 6.800       | 1.163      | 19.870     |                                       |
| 22+919.100                            | Rt.  | 2.580      | 6.800       | 1.163      | 19.870     |                                       |
| 22+970.000                            | Rt.  | 2.580      | 7.600       | 1.163      | 21.934     |                                       |
| 23+021.800                            | Rt.  | 2.580      | 17.600      | 1.163      | 47.734     |                                       |
| 23+062.400                            | Rt.  | 2.580      | 7.300       | 1.163      | 21.160     |                                       |
| 22+662.445                            | £    |            |             |            | 146.363    | Int. Dewey Area Below Paving Brick    |
| 22+805.688                            | £    |            |             |            | 154.300    | Int. Lewis Area Below Paving Brick    |
| 22+948.903                            | £    |            |             |            | 166.850    | Int. Waterman Area Below Paving Brick |
| 23+092.075                            | £    |            |             |            | 165.698    | Int. English Area Below Paving Brick  |
| TOTALS                                |      |            |             |            | 1130.868   |                                       |

| CONCRETE PAVEMENT (160 mm UNIF.) (AE) (NRDJ) |      |            |             |            |         |
|----------------------------------------------|------|------------|-------------|------------|---------|
| STATION to STATION                           | SIDE | WIDTH<br>m | LENGTH<br>m | AREA<br>m² | REMARKS |
| 22+673.231 22+793.710                        | Lt.  | 3          | 120.479     | 361.437    |         |
| 22+673.231 22+793.710                        | Rt.  | 3          | 120.479     | 361.437    |         |
| TOTALS                                       |      |            |             | 722.874    |         |

| EARTHWORK             |              |            |                       |
|-----------------------|--------------|------------|-----------------------|
| STATION to STATION    | EXCAVATION   |            | COMPACTION            |
|                       | COMMON<br>m³ | ROCK<br>m³ | TYPE B<br>MR-90<br>m³ |
| 22+654.345 22+793.710 | 156          | 225        | 19                    |
| 22+793.710 22+817.693 |              | 118        |                       |
| 22+817.693 22+936.648 | 129          | 177        |                       |
| 22+936.648 22+962.221 |              | 205        |                       |
| 22+962.221 23+079.055 | 363          | 414        |                       |
| 23+079.055 23+105.320 |              | 202        |                       |
| 23+105.320 23+223.556 | 445          | 419        |                       |
| 23+223.556 23+229.950 |              | 36         |                       |
| TOTALS                |              | 1 093      | 1 826                 |
|                       |              |            | 19                    |

| REMOVAL OF EXISTING STRUCTURES<br>(FOR INFORMATION ONLY) |      |          |          |
|----------------------------------------------------------|------|----------|----------|
| STATION                                                  | SIDE | ITEM     | QUANTITY |
| 22+666.809                                               | £    | Manhole  | 1 Each   |
| 22+666.809                                               | £    | 250 Pipe | 15.6 m   |
| 22+668.188                                               | Lt.  | Inlet    | 1 Each   |
| 22+668.188                                               | Lt.  | 250 Pipe | 15.3 m   |
| 22+674.800                                               | Rt.  | Inlet    | 1 Each   |
| 22+674.800                                               | Rt.  | 250 Pipe | 12.4 m   |
| 22+683.044                                               | Lt.  | Inlet    | 1 Each   |
| 22+683.044                                               | Lt.  | 250 Pipe | 17.4 m   |
| 22+818.112                                               | Lt.  | Inlet    | 1 Each   |
| 22+818.112                                               | Lt.  | 375 Pipe | 11.0 m   |
| 22+818.207                                               | Rt.  | Inlet    | 1 Each   |
| 22+818.207                                               | Rt.  | 375 Pipe | 17.2 m   |
| 22+960.700                                               | Lt.  | Inlet    | 1 Each   |
| 22+960.700                                               | Lt.  | 375 Pipe | 5.3 m    |
| 22+961.700                                               | Rt.  | Inlet    | 1 Each   |
| 22+961.700                                               | Rt.  | 375 Pipe | 4.0 m    |
| 23+222.500                                               | Lt.  | Inlet    | 1 Each   |
| 23+222.500                                               | Rt.  | Inlet    | 1 Each   |
| 23+222.500                                               | Rt.  | 375 Pipe | 14.6 m   |

| 150 mm CRUSHED STONE SUBGRADE |            |          |        |           |
|-------------------------------|------------|----------|--------|-----------|
| STATION to STATION            |            | ROADWAY  | WIDTH  | m²        |
| 22+654.345                    | 22+673.231 | Broadway | Varies | 505.075   |
| 22+793.710                    | 22+818.079 | Broadway | Varies | 579.943   |
| 22+936.648                    | 22+962.221 | Broadway | Varies | 609.490   |
| 23+079.055                    | 23+105.320 | Broadway | Varies | 611.683   |
| 23+223.556                    | 23+229.950 | Broadway | Varies | 115.565   |
|                               |            |          | TOTAL  | 2 421.756 |