

| FLUME INLET & SLOPE DRAIN SUMMARY | | | | | | |
|-----------------------------------|------|--------------------|--------------------|-------|----------|------------------------------------|
| STATION | SIDE | FLUME INLET (EACH) | SLOPE DRAIN (L.F.) | | TOE WALL | |
| | | | FLUME INLET (COW) | STONE | CONCRETE | CY CONCRETE (FOR INFORMATION ONLY) |
| 23+13.50 | Rt. | Hoover | 1 | | 20 | 0.43 |
| 23+85.00 | Lt. | Hoover | 1 | 22 | | 0.07 |
| 29+95.00 | Rt. | Hoover | 1 | 24 | | 0.07 |
| 29+95.00 | Lt. | Hoover | 1 | 10 | | 0.07 |
| 34+05.00 | Rt. | Hoover | 1 | 16 | | 0.07 |
| 34+05.00 | Lt. | Hoover | 1 | 20 | | 0.07 |
| 37+00.00 | Rt. | Hoover | 1 | 17 | | 0.07 |
| 37+00.00 | Lt. | Hoover | 1 | 18 | | 0.07 |
| 41+00.00 | Rt. | Hoover | 1 | 21 | | 0.07 |
| 41+00.00 | Lt. | Hoover | 1 | 13 | | 0.07 |
| 45+40.00 | Rt. | Hoover | 1 | 20 | | 0.07 |
| 45+40.00 | Lt. | Hoover | 1 | 15 | | 0.07 |
| 25+99.20 | Rt. | Hoover | | 5 | | |
| 26+25.63 | Rt. | Hoover | | 5 | | |
| 43+53.44 | Rt. | Hoover | | 5 | | |
| 43+70.89 | Rt. | Hoover | | 5 | | |
| TOTALS: | | | 12 | 216 | 20 | 1.20 |

| SIDEWALK PAVEMENT (MEASURED QUANTITY) | | | | | | |
|---------------------------------------|--------------------|----------|------|-------------|--------------------|--------------------|
| LOCATION | STATION TO STATION | | SIDE | WIDTH (FT.) | 4' QUANTITY (S.F.) | 6' QUANTITY (S.F.) |
| Reloc. Hoover Rd. | 19+91.70 | 22+31.77 | RT | 6 | 1483 | |
| Reloc. Hoover Rd. | 22+79.80 | 22+94.62 | RT | 4 | 62 | |
| Reloc. Hoover Rd. | 22+94.62 | 23+77.00 | RT | 4 | | 330 |
| Reloc. Hoover Rd. | 24+17.00 | 24+50.00 | RT | 6 | 204 | |
| Reloc. Hoover Rd. | 24+50.00 | 30+50.00 | RT | 6 | 3240 | |
| Reloc. Hoover Rd. | 30+50.00 | 36+50.00 | RT | 6 | 3395 | |
| Reloc. Hoover Rd. | 36+50.00 | 41+50.00 | RT | 6 | 2899 | |
| Reloc. Hoover Rd. | 41+50.00 | 46+50.00 | RT | 6 | 2612 | |
| Reloc. Hoover Rd. | 46+50.00 | 51+23.41 | RT | 6 | 2486 | |
| Total | | | | | 16381 | 330 |

| REINFORCED CRUSHED ROCK BASE | | | | |
|------------------------------|--------------------|-----------|-------------------------|-------------------------|
| LOCATION | STATION TO STATION | | 6' RCRB QUANTITY (S.Y.) | 7' RCRB QUANTITY (S.Y.) |
| Reloc. Hoover Rd. | 20+00.00 | 24+50.00 | 1613.05 | |
| Reloc. Hoover Rd. | 24+50.00 | 30+50.00 | 2166.19 | |
| Reloc. Hoover Rd. | 30+50.00 | 36+50.00 | 2200.00 | |
| Reloc. Hoover Rd. | 36+50.00 | 41+50.00 | 1833.33 | |
| Reloc. Hoover Rd. | 41+50.00 | 46+50.00 | 1784.13 | |
| Reloc. Hoover Rd. | 46+50.00 | 51+14.00 | 1727.39 | |
| Edminster St. | 820+13.00 | 820+45.69 | | 197.19 |
| Robinson St. | 830+13.01 | 830+59.00 | 224.13 | |
| Curtis St. | 840+19.18 | 841+03.00 | 405.50 | |
| Total | | | 11953.72 | 197.19 |

| VALLEY GUTTERS | | | | |
|----------------|--------------------|-----------|----------------------------|------------------|
| LOCATION | STATION TO STATION | | CONC. PVMT. (VG) (8'X5.Y.) | EDGE CURB (L.F.) |
| Edminster St. | 820+13.00 | 820+45.69 | 186.14 | 102.51 |
| Total | | | 186.14 | 102.51 |

| 6' SURFACING MATERIAL (SA-1X) MEASURED QUANTITY | | | |
|---|--------------------|-----------|-----------------|
| LOCATION | STATION TO STATION | | QUANTITY (S.F.) |
| Robinson St. | 830+59.00 | 831+04.00 | 1072.04 |
| Curtis St. | 841+03.00 | 841+30.00 | 625.48 |
| Total | | | 1697.52 |

| SLOPE PROTECTION (RIPRAP STONE)(18') | | | | | | | | |
|--------------------------------------|----------|--------|-----------|-------------|----------------|------------------|--|---------|
| STATION | LOCATION | SIDE | GRADATION | DEPTH (FT.) | AREA (SQ. FT.) | VOLUME (CU. YD.) | GEOTEXTILE FABRIC (SQ. YD.) (FOR INFORMATION ONLY) | REMARKS |
| 24+38 | 24+42 | Hoover | Lt. | Light 18" | 1.5 | 76 | 8.4 | |
| 26+68 | 26+81 | Hoover | Lt. | Light 18" | 1.5 | 252 | 28.0 | |
| 34+79 | 34+93 | Hoover | Rt. | Light 18" | 1.5 | 210 | 23.3 | |
| TOTALS: | | | | | | 29.9 | 59.7 | |

| 6' A.C. PAVEMENT (BM-2) | | | |
|-------------------------|--------------------|-----------|-----------------|
| LOCATION | STATION TO STATION | | QUANTITY (S.Y.) |
| Reloc. Hoover Rd. | 20+00.00 | 24+50.00 | 1300.00 |
| Reloc. Hoover Rd. | 24+50.00 | 30+50.00 | 1733.33 |
| Reloc. Hoover Rd. | 30+50.00 | 36+50.00 | 1733.33 |
| Reloc. Hoover Rd. | 36+50.00 | 41+50.00 | 1444.44 |
| Reloc. Hoover Rd. | 41+50.00 | 46+50.00 | 1444.44 |
| Reloc. Hoover Rd. | 46+50.00 | 51+14.00 | 1366.44 |
| Robinson St. | 830+13.01 | 830+59.00 | 177.12 |
| Curtis St. | 840+19.18 | 841+03.00 | 333.57 |
| Temp. Church Access | 0+00.00 | 3+84.00 | 504.98 |
| Total | | | 10037.65 |

| CURB AND GUTTER | | | |
|-------------------|--------------------|-----------|---------------|
| LOCATION | STATION TO STATION | | TYPE I (L.F.) |
| Reloc. Hoover Rd. | 19+94.50 | 24+50.00 | 810.49 |
| Reloc. Hoover Rd. | 24+50.00 | 30+50.00 | 1113.05 |
| Reloc. Hoover Rd. | 30+50.00 | 36+50.00 | 1200.00 |
| Reloc. Hoover Rd. | 36+50.00 | 41+50.00 | 1000.00 |
| Reloc. Hoover Rd. | 41+50.00 | 46+50.00 | 873.47 |
| Reloc. Hoover Rd. | 46+50.00 | 51+14.00 | 928.15 |
| Robinson St. | 830+13.01 | 830+59.00 | 120.10 |
| Curtis St. | 840+19.18 | 841+03.00 | 184.20 |
| Total | | | 6229.46 |

| DRIVEWAY ENTRANCES (MEASURED QTY.) | | | | | | | | |
|------------------------------------|----------|------|--------------|---------|---------|--------------------------------|----------------------------------|-------------|
| ROADWAY | STATION | SIDE | RADIUS (FT.) | W (FT.) | P (FT.) | CONC. PVMT. (8") (REINF.XS.F.) | SURFACING MAT. (2") (SA-1)XS.F.) | REMARKS |
| Reloc. Hoover Rd. | 20+35.50 | Lt. | 20 | 16 | 34.5 | 723.68 | | Full Radius |
| Reloc. Hoover Rd. | 21+80.00 | Lt. | 20 | 20 | 34.5 | 861.68 | | Full Radius |
| Reloc. Hoover Rd. | 22+55.00 | Lt. | 15 | 24 | 34.5 | 924.57 | | Full Radius |
| Reloc. Hoover Rd. | 23+43.50 | Lt. | 15 | 12 | 34.5 | 510.57 | | Full Radius |
| Reloc. Hoover Rd. | 23+97.00 | Rt. | 15 | 40 | 29.5 | 1276.57 | | Full Radius |
| Reloc. Hoover Rd. | 24+80.00 | Rt. | 15 | 12 | 34.5 | 510.57 | | Full Radius |
| Reloc. Hoover Rd. | 35+17.00 | Rt. | 15 | 24 | 34.5 | 928.38 | | Full Radius |
| Reloc. Hoover Rd. | 45+03.00 | Rt. | 20 | 10 | 44.5 | 616.68 | | Full Radius |
| Reloc. Hoover Rd. | 47+44.00 | Rt. | 15 | 18 | 24.5 | 531.98 | | Full Radius |
| Reloc. Hoover Rd. | 50+11.00 | Rt. | 15 | 12 | 14.5 | 240.3 | 60 | Full Radius |
| Total | | | | | | 7124.98 | 60.00 | |

| INLET SUMMARY (EACH) | | | | |
|----------------------|-----------------------|-----------------------|-------------------|--------------|
| STRUCTURE NO. | CURB INLET (TYPE I-A) | CURB INLET (TYPE I-A) | UNDERDRAIN (L.F.) | INLET HOOKUP |
| | 5' x 3' | 10' x 3' | | |
| 300 | 1 | | 16 | |
| 304 | | 1 | 21 | |
| 305 | 1 | | 16 | |
| TOTALS: | 2 | 1 | 53 | |

| BMP's (MEASURED QUANTITY) | | |
|------------------------------|----------|------|
| ITEM | QUANTITY | UNIT |
| BMP, Curb Inlet Protection | 15 | EACH |
| BMP, Silt Fence | 134 | L.F. |
| BMP, Construction Entrance | 2 | EACH |
| BMP, Ditch Check | 19 | EACH |
| BMP, Back of Curb Protection | 806 | L.F. |

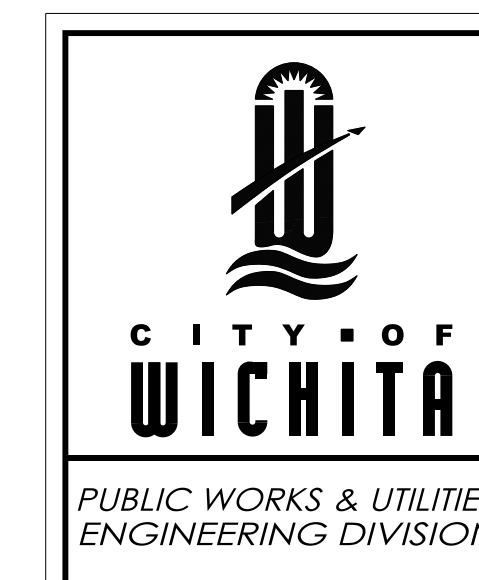
| STORM SEWER CONDUIT DATA SUMMARY (L.F.) | | | | | | | |
|---|--------------------------|------|-------|-----------|-----------|-----------|------|
| STRUCTURE NO. | REINFORCED CONCRETE PIPE | | | | | | DIP |
| | 12" | 15" | 18" | 1.5 sf RC | 3.0 sf RC | 5.0 sf RC | |
| P-300 | 75.0 | | | | | | |
| P-301 | | | | | | | 84.0 |
| P-302 | | | | 40.0 | | | |
| P-303 | | | | 32.0 | | | |
| P-304 | 37.0 | | | | | | |
| P-305 | | | 5.7 | | | | |
| P-306 | | 26.0 | | | | | |
| P-307 | | 16.0 | | | | | |
| P-308 | | | 56.0 | | | | |
| P-310 | | | 54.0 | | | | |
| P-311 | | | | | | 108.0 | |
| P-315 | | | | | 38.0 | | |
| P-340 | | | 80.0 | | | | |
| P-341 | | 34.0 | | | | | |
| TOTALS: | 112.0 | 76.0 | 195.7 | 72.0 | 38.0 | 108.0 | 84.0 |

| RETAINING WALL (SQUARE FOOT FACE) | | | | |
|-----------------------------------|--------------------|----------|-------------------|--------|
| LOCATION | STATION TO STATION | SIDE | QUANTITY (S.F.F.) | |
| Reloc. Hoover Rd. | 22+94.62 | 23+77.00 | RT | 140.41 |
| Total | | | | 140.41 |

| END SECTION SUMMARY (EACH) | | | | | | |
|----------------------------|--------|--------|-----------|-----------|-----------|---------|
| STRUCTURE NO. | 15" RC | 18" RC | 1.5 sf RC | 3.0 sf RC | 5.0 sf RC | 18" CMP |
| P-301 | | | | | | 2 |
| P-302 | | | 2 | | | |
| P-303 | | | 2 | | | |
| P-305 | | 1 | | | | |
| P-306 | 2 | | | | | |
| P-307 | 1 | | | | | |
| P-308 | | 2 | | | | |
| P-310 | | 2 | | | | |
| P-311 | | | | | 4 | |
| P-315 | | | | 2 | | |
| P-340 | | 2 | | | | |
| P-341 | 2 | | | | | |
| TOTALS: | 5 | 7 | 4 | 2 | 4 | 2 |

| WHEELCHAIR RAMPS | | | | |
|------------------|-----------|------|-------------|-----------------|
| LOCATION | STATION | SIDE | WIDTH (FT.) | QUANTITY (EACH) |
| Edminster St. | 820+35.89 | RT | 6 | 1 |
| Edminster St. | 820+37.35 | LT | 4 | 1 |
| Robinson St. | 830+45.02 | LT | 6 | 1 |
| Robinson St. | 830+44.86 | RT | 6 | 1 |
| Curtis St. | 840+46.78 | LT | 6 | 1 |
| Curtis St. | 840+94.13 | RT | 6 | 1 |
| Total | | | | 6 |

Plotted on: Thursday December 20, 2012 01:57 PM
 Kechomakker Plot Queue: \\ovpwp00\ovpwp00\p1tblw.jp
 Plot Scale: 1:000000.000000 Pen Tables: \\ovpwp00\jobs\4899\Common\Highway\1.tbl or y:\tbl\pen\cc_22x36.pen
 Design Filename: \\ovpwp00\jobs\4899\Hoover\CD\Detail\Quantities\Wvr_suma.dgn



| SUMMARY OF QUANTITIES | | | |
|--|----------------------|--------------------------|-------|
| CITY ENGINEER JAMES L. ARMOUR, P.E., L.S. | | | |
| PROJECT NUMBER 472-84817 PHASE II | OCA NUMBER 770005 | DATE 11/2011 | |
| CITY ENGINEER'S OFFICE CITY HALL - SEVENTH FLOOR 455 NORTH MAIN STREET WICHITA, KANSAS 67202-1620 (316) 268-4501 | | DESIGN | DRAWN |
| | | SHEET 44 of 93 | |