

| 4" SIDEWALK PAVEMENT (MEASURED QTY.) | | | | | |
|--------------------------------------|--------------------|-----------|------|-------------|-----------------|
| LOCATION | STATION TO STATION | | SIDE | WIDTH (FT.) | QUANTITY (S.F.) |
| 135th St. | 207+74.28 | 213+00.00 | Rt. | 6 | 2859.60 |
| 135th St. | 213+00.00 | 219+00.00 | Rt. | 6 | 3605.99 |
| 135th St. | 219+00.00 | 225+00.00 | Rt. | 6 | 3481.72 |
| 135th St. | 225+00.00 | 229+95.49 | Rt. | 6 | 2918.77 |
| Total | | | | | 12866.08 |

| 5" SIDEWALK PAVEMENT (MEASURED QTY.) | | | | | |
|--------------------------------------|--------------------|-----------|------|-------------|-----------------|
| LOCATION | STATION TO STATION | | SIDE | WIDTH (FT.) | QUANTITY (S.F.) |
| 135th St. | 207+63.28 | 213+00.00 | Lt. | 10 | 5165.11 |
| 135th St. | 213+00.00 | 219+00.00 | Lt. | 10 | 5595.37 |
| 135th St. | 219+00.00 | 225+00.00 | Lt. | 10 | 5797.68 |
| 135th St. | 225+00.00 | 230+64.65 | Lt. | 10 | 5539.81 |
| Total | | | | | 22097.97 |

| SIDEWALK PROTECTION CURB (MEASURED QTY.) | | | | |
|--|--------------------|-----------|------|-----------------|
| LOCATION | STATION TO STATION | | SIDE | QUANTITY (S.F.) |
| 135th St. | 229+23.03 | 230+64.65 | Rt. | 70.44 |
| Total | | | | 70.44 |

| WHEELCHAIR RAMPS | | | | |
|------------------|-----------|------|-------------|-----------------|
| LOCATION | STATION | SIDE | WIDTH (FT.) | QUANTITY (EACH) |
| 135th St. | 230+64.65 | Lt. | 10 | 1 |
| Total | | | | 1 |

| LIGHT STONE RIPRAP (MEASURED QTY.) | | | | |
|------------------------------------|--------------------|-----------|------|-----------------|
| LOCATION | STATION TO STATION | | SIDE | QUANTITY (S.Y.) |
| 135th St. | 219+47.39 | 221+02.60 | Lt. | 369.74 |
| 135th St. | 226+44.44 | 226+57.49 | Lt. | 23.29 |
| Total | | | | 393.02 |

| STORM SEWER CONDUIT DATA SUMMARY (L.F.) | | | | | | |
|---|--------------|--------------|-------------------|-------------|-------------|-------------|
| SWS LINE NO. | 15" | 18" | REINF. CONC. PIPE | | | |
| | | | 15" | 18" | 24" | 30" |
| 100 | 400.2 | 375.2 | | | 87.0 | 52.5 |
| 101 | | | 193.0 | | | |
| 102 | | | 50.5 | | | |
| 103 | | | 43.0 | | | |
| 104 | | | 50.5 | | | |
| 105 | | | 62.0 | 43.5 | | |
| 200 | | | 64.3 | | | |
| 201 | | | 43.0 | | | |
| 300 | | | 78.0 | | | |
| 301 | | | 43.0 | | | |
| 302 | | | 43.0 | | | |
| 400 | | | 68.0 | | | |
| 401 | | | 43.0 | | | |
| Totals | 400.2 | 375.2 | 781.3 | 43.5 | 87.0 | 52.5 |

| INLET SUMMARY (EACH) | | | | |
|----------------------|---------------------|-----------|----------|--------------------------|
| SWS LINE NO. | CURB INLET (TYPE I) | | | UNDERDRAIN 4" PVC (L.F.) |
| | 5'x3' | 10'x3' | 10'x4' | |
| 100 | | 2 | 2 | 44 |
| 101 | | 2 | | 22 |
| 102 | | 1 | | 11 |
| 103 | | 1 | | 11 |
| 104 | | 1 | | 11 |
| 105 | | 2 | | 22 |
| 200 | | 1 | | 11 |
| 201 | | 1 | | 11 |
| 300 | 1 | 1 | | 22 |
| 301 | 1 | | | 11 |
| 302 | | 1 | | 11 |
| 400 | 1 | | | 11 |
| 401 | 1 | | | 11 |
| Totals | 4 | 13 | 2 | 209 |

| MANHOLE SUMMARY (EACH) | | | | |
|------------------------|----------------------|-------|----------|--|
| SWS LINE NO. | REINF. CONC. MANHOLE | | | |
| | LENGTH | WIDTH | QUANTITY | |
| 100 | 4'-0" | 4'-0" | 2 | |
| Total | | | 2 | |

| DRIVEWAY ENTRANCES (MEASURED QTY.) | | | | | | | |
|------------------------------------|-----------|------|--------------|---------|---------|----------------------------------|-----------------------------------|
| ROADWAY | STATION | SIDE | RADIUS (FT.) | W (FT.) | P (FT.) | CONC. PVMT. (8") (REINF.) (S.F.) | SURFACING MAT. (2") (SA-1) (S.F.) |
| 135th St. | 209+28.00 | Rt. | 9.50 | 30 | 30.19 | 944.35 | |
| 135th St. | 211+34.00 | Lt. | 9.50 | 20 | 34.50 | 728.74 | |
| 135th St. | 212+83.00 | Rt. | 9.50 | 20 | 34.50 | 728.74 | |
| 135th St. | 216+18.50 | Lt. | 9.50 | 20 | 29.50 | 628.74 | 800.00 |
| 135th St. | 218+58.50 | Lt. | 9.50 | 20 | 29.50 | 628.74 | 500.00 |
| 135th St. | 223+94.00 | Lt. | 9.50 | 20 | 29.50 | 628.74 | |
| 135th St. | 224+16.50 | Rt. | 9.50 | 20 | 29.50 | 628.74 | |
| 135th St. | 227+92.00 | Lt. | 9.50 | 20 | 29.50 | 628.93 | |
| Totals | | | | | | 5545.72 | 1300.00 |

| REINFORCED CRUSHED ROCK BASE | | | |
|------------------------------|--------------------|-----------|-------------------------|
| LOCATION | STATION TO STATION | | 8" RCRB QUANTITY (S.Y.) |
| 135th St. | 207+83.00 | 213+00.00 | 2477.65 |
| 135th St. | 213+00.00 | 219+00.00 | 2866.67 |
| 135th St. | 219+00.00 | 225+00.00 | 2866.67 |
| 135th St. | 225+00.00 | 229+00.00 | 1922.01 |
| Total | | | 10133.00 |


| 7" A.C. PAVEMENT (BM-2) | | | |
|-------------------------|--------------------|-----------|-----------------|
| LOCATION | STATION TO STATION | | QUANTITY (S.Y.) |
| 135th St. | 207+83.00 | 213+00.00 | 2068.02 |
| 135th St. | 213+00.00 | 219+00.00 | 2400.00 |
| 135th St. | 219+00.00 | 225+00.00 | 2400.00 |
| 135th St. | 225+00.00 | 229+00.00 | 1610.89 |
| Total | | | 8478.91 |

| CURB AND GUTTER | | | | |
|-----------------|--------------------|-----------|------|----------------|
| LOCATION | STATION TO STATION | | SIDE | TYPE I (L.F.) |
| 135th St. | 207+69.33 | 213+00.00 | Lt. | 530.73 |
| 135th St. | 207+80.28 | 213+00.00 | Rt. | 519.76 |
| 135th St. | 213+00.00 | 219+00.00 | Lt. | 600.00 |
| 135th St. | 213+00.00 | 219+00.00 | Rt. | 600.00 |
| 135th St. | 219+00.00 | 225+00.00 | Lt. | 600.00 |
| 135th St. | 219+00.00 | 225+00.00 | Rt. | 600.00 |
| 135th St. | 225+00.00 | 229+00.00 | Lt. | 399.98 |
| 135th St. | 225+00.00 | 229+00.00 | Rt. | 400.03 |
| Total | | | | 4250.50 |

| PIPE CULVERT SUMMARY | | | | | | | | | | | | | | | | |
|----------------------|-----------|------|------|------------------------|------|-----------------------|-----------|---------|----------------|-------|--------------------|-------------|-------|--------------------|--------------|----------|
| ROADWAY | STATION | SIDE | TYPE | MATERIAL | SIZE | CROWN GRADE ELEVATION | FLOW LINE | | HORIZ. ROADWAY | | DEGREE OF ROTATION | PIPE LENGTH | | LINEAR FT. OF PIPE | END SECTIONS | |
| | | | | | | | LT. | RT. | LT. | RT. | | LT. | RT. | | | |
| 135th St. | 216+18.50 | Lt. | EP | RCP, ACSP, PEP, or PVC | 15" | 1345.48 | 1343.38 | 1342.05 | 15.00 | 23.00 | 0 | 15.00 | 23.00 | 38 | 1 | 1 |
| 135th St. | 218+58.50 | Lt. | EP | RCP, ACSP, PEP, or PVC | 15" | 1341.39 | 1339.15 | 1338.94 | 16.50 | 17.50 | 1 Rt. | 16.50 | 17.50 | 34 | 1 | 1 |
| Totals | | | | | | | | | | | | | | 72 | 2 | 2 |

| SUMMARY OF EARTHWORK QUANTITIES | | | | | | | | | |
|---------------------------------|-----------|--------------------|-----------|-------------------|---|-------------|----------------------------|-----------------------------|--------------|
| STAGE | LOCATION | STATION TO STATION | | EXCAVATION (C.Y.) | BORROW EXCAVATION (CONTRACTOR FURNISHED) (C.Y.) | FILL (C.Y.) | FILL (BEHIND CURBS) (C.Y.) | COMPACTION THRU CUTS (C.Y.) | WASTE (C.Y.) |
| 1 | 135th St. | 210+09.00 | 227+06.00 | 591 | - | 350 | - | - | 154 |
| 2 | 135th St. | 207+74.28 | 229+95.00 | 1090 | 1060 | 1641 | 79 | 608 | - |
| 3 | 135th St. | 207+63.28 | 230+71.58 | 4245 | - | 1844 | 75 | 1081 | 1846 |
| Totals | | | | 5926 | 1060 | 3835 | 154 | 1689 | 2000 |

Note: Fill, Backfill Behind Curbs, and Compaction thru Cuts are all paid for as "Compacted Fill (95%)". Total Amount = 5,678 CY.

| | | | |
|---|-----|---------|---------------|
| Revision | | By | Date |
| 135TH ST. | | | |
| SUMMARY OF QUANTITIES | | | |
| GARY JANZEN, P.E.-CITY ENGINEER CITY OF WICHITA PROJECT NO. 472-84915 | | | |
|  PROFESSIONAL ENGINEERING CONSULTANTS, P.A. 303 SOUTH TOPEKA WICHITA, KS 67202 316-262-2691 www.pec1.com | | | |
| Designed by | RJS | Job No. | 10281 |
| Drawn by | CP | Date | JAN., 2013 |
| | | | Sht. 42 of 83 |