

| STATE  | PROJECT NUMBER | FISCAL YEAR | SHEET NUMBER | TOTAL SHEETS |
|--------|----------------|-------------|--------------|--------------|
| KANSAS | 472-84001      | 2006        | 40           | 43           |

| INLET AND MANHOLE DATA     |                      |                       |                            |                             |                         |                                 |                    |                         |                       |  |
|----------------------------|----------------------|-----------------------|----------------------------|-----------------------------|-------------------------|---------------------------------|--------------------|-------------------------|-----------------------|--|
| LOCATIONS OF INSTALLATIONS |                      |                       | CONSTRUCT OR INSTALL       |                             |                         |                                 |                    |                         |                       |  |
| BL STATION                 | ROUTE IDENTIFICATION | DISTANCE LT./RT. (FT) | INLET (TYPE I) (CURB) 5 FT | INLET (TYPE IA) (CURB) 5 FT | MANHOLE (TYPE "P") 4 FT | MANHOLE (SHALLOW) TYPE "P" 4 FT | ROB ACCESS MANHOLE | EXIST. INLET TO MANHOLE | INLET MANHOLE SPECIAL |  |
| 16+46.98                   | PAWNEE               | 48.42 LT              | 1                          |                             |                         |                                 |                    |                         |                       |  |
| 40+64.72                   | MCLEAN               | 29.14 LT              | 1                          |                             |                         |                                 |                    |                         |                       |  |
| TOTALS                     |                      |                       | 2                          |                             |                         |                                 |                    |                         |                       |  |

### RECAPITULATION OF QUANTITIES

| ITEM   | QUANTITY | UNIT  |
|--|----------|-------|
| <b>COMMON ITEMS</b>  |          |       |
| Field Office & Lab (Type A)                                  | 1        | LS    |
| Mobilization   | 1        | LS    |
| Mobilization DBE   | 1        | LS    |
| Removal of Existing Structures                               | 1        | LS    |
| Site Clearing and Restoration                                | 1        | LS    |
| Site Restoration (Includes Temporary Seeding)                | 1        | LS    |
| Traffic Signing  | 1        | LS    |
| <b>INTERSECTION ITEMS (LUMP SUM)</b>                         |          |       |
| Common Excavation  | 435      | cu yd |
| Compacted Fill   | 100      | cu yd |
| Rock Excavation (Pavement Removal)                           | 4934     | sq yd |
| Drive, Walk and Parking Lot Pavement Removal                 | 452      | sq yd |
| Concrete Pavement (9"-Uniform)(AE)(PL)                       | 3969     | sq yd |
| Paving Brick (2 5/8")  | 108      | sq yd |
| Paving Brick (3 1/8")  | 336      | sq yd |
| Crushed Stone Subgrade (6")(including Geogrid Reinforcement) | 5027     | sq yd |
| Sidewalk Construction (4"AE)                                 | 555      | sq ft |
| Wheelchair Ramp Construction                                 | 2        | ea    |
| Curb & Gutter, Comb. (Type I) (AE)                           | 801      | l.f.  |
| Curb & Gutter, Comb. (Type II) (AE)                          | 745      | l.f.  |
| Sawed Joint  | 310      | l.f.  |
| Inlet Removed  | 2        | ea    |
| Sediment Barrier (Inlet)                                     | 1        | LS    |
| Inlet (Type I) (Curb) (L=5')                                 | 2        | ea    |
| Inlet Hook-up  | 2        | ea    |
| Manhole Adjusted (SWS or SS)                                 | 2        | ea    |
| <b>TEMP. PROJ. WTR. POL. CRI - SOIL EROSION ITEMS</b>        |          |       |
| Erosion Control BMP  | 1        | LS    |
| <b>PAVEMENT MARKINGS ITEMS</b>                               |          |       |
| 4" Yellow  | 723      | l.f.  |
| 6" Yellow  | 80       | l.f.  |
| 6" White   | 464      | l.f.  |
| 24" White  | 170      | l.f.  |
| Left Turn Arrows   | 6        | each  |
| <b>TRAFFIC CONTROL ITEMS</b>                                 |          |       |
| Construction Traffic Control                                 | 1        | LS    |
| Street Signage   | 1        | LS    |
| <b>TRAFFIC SIGNAL ITEMS</b>                                  |          |       |
| Traffic Signalization  | 1        | LS    |
| Temporary Traffic Signalization                              | 1        | LS    |
| <b>Non-Participating Item</b>                                |          |       |
| 2 Year Maintenance Warranty                                  | 1        | LS    |
| Transportation of Salvageable Materials                      | 1        | LS    |
| Irrigation Repairs   | 1        | LS    |

| PAVING BRICK       |                 |              |                                       |                                       |
|--------------------|-----------------|--------------|---------------------------------------|---------------------------------------|
| STATION TO STATION | ROADWAY         | LOCATION     | PAVING BRICK (3 1/8" UNIF.) (SQ. YDS) | PAVING BRICK (2 5/8" UNIF.) (SQ. YDS) |
| 14+88 to 16+65     | Pawnee          |              |                                       | 55                                    |
| 18+31 to 18+40     | Pawnee          |              |                                       | 3                                     |
| 28+34 to 29+04     | McLean          |              |                                       | 23                                    |
| 40+49 to 41+31     | McLean          |              |                                       | 27                                    |
| Crosswalks         | Pawnee & McLean | Intersection | 336                                   |                                       |
| TOTALS             |                 |              | 336                                   | 108                                   |


| COMBINED CURB & GUTTER (AE) |         |      |                    |                     |                          |
|-----------------------------|---------|------|--------------------|---------------------|--------------------------|
| STA. TO STA.                | ROADWAY | SIDE | TYPE I (LIN. FEET) | TYPE II (LIN. FEET) | REMARKS                  |
| <b>INTERSECTION</b>         |         |      |                    |                     |                          |
| 14+84 to 16+35              | Pawnee  | LT.  | 151                |                     |                          |
| 14+84 to 16+37              | Pawnee  | CL   |                    | 356                 |                          |
| 14+84 to 16+08              | Pawnee  | LT.  | 123                |                     |                          |
| 28+34 to 28+44              | McLean  | RT.  | 10                 |                     |                          |
| 28+34 to 29+08              | McLean  | CL   |                    | 155                 |                          |
| 28+34 to 29+21              | McLean  | LT.  | 87                 |                     |                          |
| 40+69 to 41+31              | McLean  | RT.  | 62                 |                     |                          |
| 40+65 to 41+31              | McLean  | CL   |                    | 139                 |                          |
| 41+20 to 41+31              | McLean  | LT.  | 11                 |                     |                          |
| 16+08 to 16+49              | Pawnee  | LT.  | 98                 |                     | Intersection Radius (NW) |
| 16+35 to 17+50              | Pawnee  | RT.  | 101                |                     | Intersection Radius (SW) |
| 17+31 to 18+02              | Pawnee  | LT.  | 87                 |                     | Intersection Radius (NE) |
| 17+56 to 18+42              | Pawnee  | RT.  | 71                 |                     | Intersection Radius (SE) |
| TOTALS                      |         |      | 801                | 745                 |                          |

| CRUSHED STONE SUBGRADE |              |          |                  |                  |  |                                   |
|------------------------|--------------|----------|------------------|------------------|--|-----------------------------------|
| STA TO STA             | ROADWAY      | LOCATION | 6 INCH (SQ. YDS) | 8 INCH (SQ. YDS) |  | GEOGRID REINF. FOR BASE (SQ. YDS) |
| 14+08 to 16+69         | PAWNEE       | CL       | 2082             |                  |  | 2082                              |
| 18+27 to 18+40         | PAWNEE       | CL       | 46               |                  |  | 46                                |
| 28+34 to 29+21         | MCLEAN       | CL       | 749              |                  |  | 749                               |
| 30+49 to 31+30         | MCLEAN       | CL       | 760              |                  |  | 760                               |
| PAWNEE & MCLEAN        | INTERSECTION | INTER.   | 1390             |                  |  | 1390                              |
| TOTALS                 |              |          | 5027             |                  |  | 5027                              |

| SIDEWALK CONSTRUCTION (4 IN)(AE) |         |      |             |                  |                           |
|----------------------------------|---------|------|-------------|------------------|---------------------------|
| STATION TO STATION               | ROADWAY | SIDE | WIDTH (FT.) | 4 INCH (SQ. FT.) | REMARKS                   |
| <b>INTERSECTION</b>              |         |      |             |                  |                           |
| 16+29 to 16+45                   | Pawnee  | LT.  | Varies      | 144.22           | Including Wheelchair Ramp |
| 16+98 to 17+23                   | Pawnee  | RT.  | Varies      | 146.14           | Including Wheelchair Ramp |
| 17+77 to 17+98                   | Pawnee  | LT.  | Varies      | 186.34           | Including Wheelchair Ramp |
| 18+35 to 18+49                   | Pawnee  | RT.  | Varies      | 78.30            | Including Wheelchair Ramp |
| TOTALS                           |         |      |             | 555              |                           |

| CONCRETE PAVEMENT (9"-UNIFORM)(AE)(PL) |         |           |                                     |         |
|--|---------|-----------|-------------------------------------|---------|
| STATION TO STATION                     | ROADWAY | SIDE      | CONC. PMT. (9 INCH UNIF.) (SQ. YDS) | REMARKS |
| <b>INTERSECTION</b>                    |         |           |                                     |         |
| 14+08 to 16+00                         | PAWNEE  | LT. & RT. | 1167                                |         |
| 16+00 to 16+69                         | PAWNEE  | LT. & RT. | 536                                 |         |
| 18+27 to 18+40                         | PAWNEE  | LT. & RT. | 35                                  |         |
| 28+34 to 29+21                         | MCLEAN  | LT. & RT. | 606                                 |         |
| 30+49 to 31+30                         | MCLEAN  | LT. & RT. | 616                                 |         |
| PAWNEE & MCLEAN                        | CL      | LT. & RT. | 1009                                |         |
| TOTALS                                 |         |           | 3969                                |         |

### PAWNEE & MCLEAN PAVING IMPROVEMENTS SUMMARY OF QUANTITIES INTERSECTION (LUMP SUM)

|  |         |   |                         |
|--|---------|---|-------------------------|
|   | DESIGN  | PDC   | SHEET<br>40<br>OF<br>43 |
|  | DRAWN   | PDC   |                         |
|  | REVIEW  | 8/31/06   |                         |
|  | UTILITY |   |                         |
| Ruggles & Bohm, P.A.<br>Engineering, Surveying, Land Planning<br>924 North Main<br>Wichita, Kansas 67203<br>www.rbkansas.com |         | (316) 264-8008<br>(316) 264-4621 fax<br>E-mail: info@rbkansas.com |                         |
| DRAWING FILE   |         | PROJECT NUMBER  |                         |
| project quantities   |         | 472-84007   |                         |
| DATE   |         | JULY 20, 2005   |                         |