

| Water Valve Box to be Adjusted (Participating) |         |         |
|--|---------|---------|
| Station  | Offset  | WV #    |
| 6+42   | 40' Rt. | V27857  |
| 9+56   | 42' Rt. | V27858  |
| 9+58   | 49' Lt. |         |
| 9+58   | 43' Rt. | V27859  |
| 9+63   | 42' Rt. | V27860  |
| 10+42  | 38' Rt. | V28633  |
| 10+44  | 41' Rt. | V28634  |
| 15+40  | 34' Rt. | V28660  |
| 18+46  | 43' Rt. | V28680  |
| 18+46  | 39' Rt. | V28662  |
| 18+48  | 42' Rt. | V28663  |
| 18+51  | 31' Lt. | V32314  |
| 37+42  | 39' Rt. | V18363  |
| 48+63  | 39' Rt. | V18358  |
| 56+57  | 20' Rt. | AR18356 |
| Total  |         | 15      |

| Water Valve Box to be Adjusted (Non-Participating) |         |         |
|--|---------|---------|
| Station  | Offset  | WV #    |
| 6+45   | 41' Rt. | V27854  |
| 15+40  | 38' Rt. | V28659  |
| 24+02  | 37' Rt. | V34178  |
| 25+75  | 44' Rt. | V34180  |
| 25+77  | 42' Rt. | V34181  |
| 30+50  | 42' Rt. | V34182  |
| 31+02  | 82 Lt.  | V33795  |
| 36+07  | 43' Rt. | V34183  |
| 37+42  | 44' Rt. | V18364  |
| 38+03  | 40' Rt. | V18362  |
| 42+95  | 41' Rt. | AR18361 |
| 43+33  | 39' Rt. | V25183  |
| 45+90  | 42' Rt. | V18360  |
| 48+62  | 45' Rt. | V18359  |
| 52+25  | 45' Rt. | V18357  |
| 54+20  | 40' Rt. | V19067  |
| 55+75  | 41' Rt. | V19067  |
| Total  |         | 17      |

| Recapitulation of Waterline Quantities (Non-Participating) |          |          |
|--|----------|----------|
| ITEM   | QUANTITY | UNIT     |
| 6" Hot-Mix AC (Temp)(For Patch)                            | 79       | Sq. Yds. |
| Water Line, 16" DI CL SJ                                   | 72       | Lin. Ft. |
| Water Line, 12" DI CL SJ                                   | 6        | Lin. Ft. |
| Water Line, 8" DI CL SJ                                    | 31       | Lin. Ft. |
| Water Line, 16" PVC  | 383      | Lin. Ft. |
| Water Line, 12" PVC  | 20       | Lin. Ft. |
| Water Line, 8" PVC   | 202      | Lin. Ft. |
| Water Line, 2"   | 36       | Lin. Ft. |
| * Water Service Relocate                                   | 3        | Each     |
| Fire Hydrant Assembly Relocate                             | 9        | Each     |
| Valve, 8"  | 1        | Each     |
| Adust Water Valve Box                                      | 17       | Each     |

| 6" Hot-Mix AC (Temporary)       |      |       |          |
|---------------------------------|------|-------|----------|
| Location                        | Dir. | Phase | Sq. Yds. |
| Maize Rd. - Sta. 0+80 to 9+65   | Rt.  | II    | 1,113.7  |
| Maze Rd. - Sta. 9+98 to 14+88   | Rt.  | II    | 209.2    |
| Maize Rd. - Sta. 15+55 to 17+88 | Rt.  | II    | 271.1    |
| Maize Rd. - Sta. 18+58 to 25+20 | Rt.  | II    | 802.4    |
| Maize Rd. - Sta. 25+84 to 30+40 | Rt.  | II    | 557.8    |
| Maize Rd. - Sta. 31+08 to 36+60 | Rt.  | II    | 582.9    |
| Maize Rd. - Sta. 0+80 to 7+01   | Lt.  | III   | 775.2    |
| Total                           |      |       | 4,312.3  |

| Recapitulation of Road Quantities                    |          |      |
|--|----------|------|
| ITEM   | QUANTITY | UNIT |
| <b>LUMP SUM ITEMS</b>                                |          |      |
| <b>ROADWAY ITEMS</b>                                 |          |      |
| Pavement Removal                                     | 27,665   | sy   |
| Common Excavation                                    | 29,040   | cy   |
| Compacted Fill (95% Density)                         | 6,560    | cy   |
| 7" A.C. Pavement (5" Bituminous Base Course)         | 35,597   | sy   |
| Concrete Pavement 9" (NRDJ)(AE)                      | 2,067    | sy   |
| Reinforced Concrete Valley Gutter Pavement 8" (AE)   | 2,282    | sy   |
| Crushed Stone Subgrade (6") on Geogrid Reinforcement | 2,224    | sy   |
| Crushed Stone Subgrade (7") on Geogrid Reinforcement | 2,840    | sy   |
| Crushed Stone Subgrade (8") on Geogrid Reinforcement | 39,570   | sy   |
| Combined Curb & Gutter (Type I, II) (AE)             | 10,709   | lf   |
| Combined Curb & Gutter (Type III) (AE)               | 597      | lf   |
| Wheelchair Ramp                                      | 36       | ea   |
| Brick Paver Crosswalks                               | 1,500    | sf   |
| Paving Brick (2 3/8")                                | 561      | sf   |
| Transp. of Salvaged Materials (Non-Part)             | 1        | LS   |
| Manhole Adjustment (in pvmt)                         | 2        | ea   |
| Adjust Water Valve (in pvmt)                         | 15       | ea   |
| Type 1-A Curb Inlet (5' Opening)                     | 20       | ea   |
| Type 1-A Curb Inlet (10' Opening)                    | 11       | ea   |
| Type 1-A Curb Inlet (15' Opening)                    | 4        | ea   |
| Type 1 Curb Inlet (5' Opening)                       | 5        | ea   |
| Type 1 Curb Inlet (10' Opening)                      | 3        | ea   |
| Type 1 Curb Inlet (15' Opening)                      | 1        | ea   |
| Double Drop Inlet                                    | 13       | ea   |
| Inlet Manhole Special                                | 4        | ea   |
| Precast Manhole (Type 1) (4' Dia.)                   | 2        | ea   |
| Precast Manhole (Type 1) (5' Dia.)                   | 4        | ea   |
| Precast Manhole (Type 1) (6' Dia.)                   | 3        | ea   |
| 18" Storm Sewer (RCP)                                | 1,352    | lf   |
| 24" Storm Sewer (RCP)                                | 1,450    | lf   |
| 30" Storm Sewer (RCP)                                | 712      | lf   |
| 36" Storm Sewer (RCP)                                | 771      | lf   |
| 42" Storm Sewer (RCP)                                | 1,000    | lf   |
| 48" Storm Sewer (RCP)                                | 160      | lf   |
| * Precast RCB Sections (6' X 3')                     | 932      | lf   |
| End Sections (18")(RCP)                              | 2        | ea   |
| End Sections (48")(RCP)(Remove & Reset)              | 3        | ea   |
| Sand Backfill Jetted & Vibrated                      | 3,089    | lf   |
| 2-7x4' Culvert Extension w/Wingwalls and Aprons      | 30       | lf   |
| Handrail (Steel)                                     | 67       | lf   |
| Wingwall Construction (Sta. 58+65.76)                | 17       | lf   |
| Rip Rap (Light Stone)                                | 715      | sy   |
| <b>MISCELLANEOUS ITEMS</b>                           |          |      |
| Clearing and Grubbing                                | 1        | LS   |
| Removal of Existing Structures                       | 1        | LS   |
| Site Restoration                                     | 1        | LS   |
| Field Office & Lab (Type A)                          | 1        | LS   |
| Mobilization   | 1        | LS   |
| Mobilization (DBE)                                   | 1        | LS   |

\* One 6'x3' Precast End Section Subsidiary to Precast RCB

| Recapitulation of Road Quantities                      |          |      |
|--|----------|------|
| ITEM   | QUANTITY | UNIT |
| <b>ROADSIDE IMPROVEMENT ITEMS</b>                      |          |      |
| Amur Maple (2" cal.)                                   | 16       | ea   |
| Shantung Maple (2-1/2" cal.)                           | 12       | ea   |
| Oklahoma Redbud (2" cal.)                              | 11       | ea   |
| Canaert Juniper (6' - 7' height)                       | 7        | ea   |
| Goldenrain Tree (2-1/2" cal.)                          | 4        | ea   |
| Osage-orange 'White Shield' (2-1/2" cal)               | 6        | ea   |
| Indian Magic Crabapple (2" cal.)                       | 10       | ea   |
| Red Jewel Crabapple (2" cal.)                          | 11       | ea   |
| Austrian Pine (7' - 8' height)                         | 3        | ea   |
| Chinese Pistache (2-1/2" cal.)                         | 11       | ea   |
| Chanticleer Pear (2" cal.)                             | 23       | ea   |
| Crimson Spire Oak (2" cal.)                            | 8        | ea   |
| Swamp White Oak (2- 1/2" cal.)                         | 3        | ea   |
| Chinkapin Oak (2- 1/2" cal.)                           | 4        | ea   |
| Lacebark Elm (2-1/2" cal.)                             | 1        | ea   |
| Fescue Sod   | 7,435    | sy   |
| Bermuda Grass Sod                                      | 14,090   | sy   |
| <b>TRAFFIC SIGNAL ITEMS</b>                            |          |      |
| Traffic Signal Installation (Pawnee & Maize)           | 1        | LS   |
| <b>PAVEMENT MARKING ITEMS</b>                          |          |      |
| Pavement Marking                                       | 1        | LS   |
| <b>SIGNING ITEMS</b>                                   |          |      |
| Traffic Signing  | 1        | LS   |
| Street Name Signing (Non-Part)                         | 15       | ea   |
| <b>TRAFFIC CONTROL ITEMS</b>                           |          |      |
| Traffic Control  | 1        | LS   |
| <b>MEASURED QUANTITY ITEMS</b>                         |          |      |
| <b>ROADWAY ITEMS</b>                                   |          |      |
| Sidewalk, Entrance & Parking Lot Removal               | 23,416   | sf   |
| 6" Hot-Mix AC (Temporary)(For Widening)                | 4,312    | sy   |
| 6" Hot-Mix AC (Temporary)(For SWS Patching)            | 550      | sy   |
| Driveway Concrete Pavement 8" (Rein)(AE) w/Mono Curb   | 1,730    | sy   |
| Sidewalk Construction (4") (AE)                        | 54,963   | sf   |
| Protection Curb, 6"                                    | 420      | lf   |
| Protection Curb, 8"                                    | 165      | lf   |
| Modular Concrete Block Retaining Wall                  | 1,264    | sff  |
| <b>MISCELLANEOUS ITEMS</b>                             |          |      |
| Large Tree Removal                                     | 2        | ea   |
| Small Tree Removal                                     | 45       | ea   |
| Portable Changeable Electronic Message Sign            | 60       | day  |
| Remove & Relocate Fence (Non-Part)                     | 260      | lf   |
| <b>TEMPORARY PROJECT WATER POLLUTION CONTROL ITEMS</b> |          |      |
| Erosion Control BMP (back of curb protection)          | 8,619    | lf   |
| Erosion Control BMP (curb inlet protection)            | 42       | ea   |
| Erosion Control BMP (area inlet protection)            | 18       | ea   |
| Erosion Control BMP (stabilized entrance)              | 3        | ea   |
| Erosion Control BMP (ditch check protection)           | 22       | ea   |
| <b>WATER IMPROVEMENTS (NON-PARTICIPATING)</b>          |          |      |
| <b>MEASURED QUANTITY ITEMS</b>                         |          |      |
| 6" Hot-Mix AC (Temporary)(For WL Patching)(Non-Part)   | 79       | sy   |
| Water Line, 16" DI CL SJ (Non-Part)                    | 72       | lf   |
| Water Line, 12" DI CL SJ (Non-Part)                    | 6        | lf   |
| Water Line, 8" DI CL SJ (Non-Part)                     | 31       | lf   |
| Water Line, 16" PVC (Non-Part)                         | 383      | lf   |
| Water Line, 12" PVC (Non-Part)                         | 20       | lf   |
| Water Line, 8" PVC (Non-Part)                          | 202      | lf   |
| Water Line, 2" (Non-Part)                              | 36       | lf   |
| Water Service Relocate (Non-Part)                      | 3        | ea   |
| Valve, 8" (Non-Part)                                   | 1        | ea   |
| Adjust Water Valve (Non-Part)                          | 17       | ea   |
| Fire Hydrant Assembly Relocate (Non-Part)              | 9        | ea   |

For Culvert Extension Quantities, See Sheet 60  
 For Wingwall Construction Quantities, See Sheet 63  
 For Traffic Signal Quantities, See Sheet 90  
 For Pavement Marking Quantities, See Sheet 99  
 For Signing Quantities, See Sheet 99  
 For Traffic Signing Quantities, See Sheet 100  
 For Traffic Control Quantities, See Sheet 129

|   |  |                    |
|---|--|--------------------|
| MAIZE ROAD<br>WEST KELLOGG AVE. TO PAWNEE AVE.<br>CITY OF WICHITA, KANSAS<br>SUMMARY & RECAPITULATION OF QUANTITIES<br>POE & ASSOCIATES, INC.<br>CONSULTING ENGINEERS<br>5940 E. Central, Suite 200 • Wichita, KS 67208-9242<br>Phone 316/685-4114 • FAX 316/685-4444 | No. <input type="checkbox"/> Date <input type="checkbox"/> By <input type="checkbox"/> Approved <input type="checkbox"/> Revision <input type="checkbox"/><br>12/15/09 | Revised Quantities |
|---|--|--------------------|

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| P. FERGUSON<br>K. WARREN<br>KDOT Job No.: 87 N-0502-01<br>Poa Job No.: 1935<br>Date: SEPTEMBER 2009 | SHEET<br>71 of 226 |
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