

WABASH WATER MAIN REPLACEMENT
3rd Street North to 2nd Street North
Project #448-90366
O.C.A. #636198

| RECAPITULATION OF QUANTITIES | | |
|--|----------------|----------|
| ITEM | QUANTITY TOTAL | UNIT |
| LUMP SUM BID ITEMS - WATER MAIN REPLACEMENT | | |
| R/W CLEARING & SITE PREPARATION | 1 | Lump Sum |
| SITE RESTORATION | 1 | Lump Sum |
| CONSTRUCTION TRAFFIC CONTROL | 1 | Lump Sum |
| TRANSPORTATION OF SALVAGE MATERIAL | 1 | Lump Sum |
| MEASURED QUANTITY BID ITEMS - WATER MAIN REPLACEMENT | | |
| WL PIPE 6" | 14 | Ft. |
| WL PIPE 8" | 670 | Ft. |
| DICL PIPE 8" | 20 | Ft. |
| VALVE ASSY. 6" | 1 | Each |
| FIRE HYDRANT ASSY. | 1 | Each |
| BLOWOFF ASSY. 2" | 1 | Each |
| WATER SERVICE INSTALLATION (Long) | 8 | Each |
| WATER SERVICE INSTALLATION (Short) | 4 | Each |
| SAND BACKFILL (Flushed & Vibrated) | 55 | Ft. |

3RD STEET NORTH SANITARY
SEWER REPLACEMENT
Project #468-84490
O.C.A. #620475

| RECAPITULATION OF QUANTITIES | | |
|---|----------------|----------|
| ITEM | QUANTITY TOTAL | UNIT |
| LUMP SUM BID ITEMS - SANITARY SEWER REPLACEMENT | | |
| 8" PVC PIPE | 379 | Ft. |
| SAND BACKFILL (Flushed & Vibrated) | 379 | Ft. |
| MEASURED QUANTITY BID ITEMS - PAVING | | |
| BRICK PAVER STREET REMOVAL & REPLACEMENT (Includes Base & Sub Base) | 147 | Sq. Yds. |

3RD STREET WATER MAIN REPLACEMENT
Project # 448-90217
O.C.A. #636197

| RECAPITULATION OF QUANTITIES | | |
|--|----------------|----------|
| ITEM | QUANTITY TOTAL | UNIT |
| LUMP SUM BID ITEMS - WATER MAIN REPLACEMENT | | |
| R/W CLEARING & SITE PREPARATION | 1 | Lump Sum |
| SITE RESTORATION | 1 | Lump Sum |
| CONSTRUCTION TRAFFIC CONTROL | 1 | Lump Sum |
| TRANSPORTATION OF SALVAGE MATERIAL | 1 | Lump Sum |
| MEASURED QUANTITY BID ITEMS - WATER MAIN REPLACEMENT | | |
| WL PIPE 2" | 17 | Ft. |
| WL PIPE 4" | 14 | Ft. |
| WL PIPE 8" | 56 | Ft. |
| WL PIPE 24" | 1,423 | Ft. |
| DICL PIPE 4" | 3 | Ft. |
| DICL PIPE 8" | 27 | Ft. |
| DICL PIPE 12" | 28 | Ft. |
| ANCHORED VALVE ASSY. 4" | 1 | Each |
| ANCHORED VALVE ASSY. 8" | 4 | Each |
| ANCHORED VALVE ASSY. 12" | 1 | Each |
| ANCHORED VALVE ASSY. 24" | 1 | Each |
| LINE VALVE ASSY. 24" | 1 | Each |
| FIRE HYDRANT ASSY. | 3 | Each |
| SERVICE OUTLET ASSY. 2" | 1 | Each |
| WATER SERVICE INSTALLATION (Long) | 1 | Each |
| WATER SERVICE INSTALLATION (Short) | 3 | Each |
| SAND BACKFILL (Flushed & Vibrated) | 1,538 | Ft. |
| SANITARY SEWER CONCRETE ENCASEMENT | 160 | Ft. |
| MEASURED QUANTITY BID ITEMS - PAVING | | |
| 8" CONCRETE PAVEMENT REMOVAL & REPLACEMENT (Includes Sub Base) | 1,009 | Sq. Yds. |
| BRICK PAVER STREET REMOVAL & REPLACEMENT (Includes Base & Sub Base) | 597 | Sq. Yds. |
| 6" ASPHALT PAVEMENT REMOVAL & REPLACEMENT (Includes Base & Sub Base) | 419 | Sq. Yds. |

1ST & 2ND STREET EAST DRAINAGE OUTFALL PROJECT
Project #468-84060
O.C.A. #660798

| RECAPITULATION OF QUANTITIES | | |
|--|----------------|----------|
| ITEM | QUANTITY TOTAL | UNIT |
| LUMP SUM BID ITEMS - DRAINAGE IMPROVEMENTS | | |
| FIELD OFFICE & LAB | 1 | Each |
| R/W CLEARING & SITE PREPARATION | 1 | Lump Sum |
| SITE RESTORATION | 1 | Lump Sum |
| PERMANENT SEEDING | 720 | Sq. Yds. |
| SODDING | 1,525 | Sq. Yds. |
| COMMUNITY RELATIONS SUPPORT | 1 | Lump Sum |
| REMOVAL OF EXISTING STRUCTURES (Includes Pipes, Manholes, etc.) | | |
| 48" RCP | 1,288 | Ft. |
| 42" RCP | 363 | Ft. |
| 36" RCP | 677 | Ft. |
| 30" RCP | 313 | Ft. |
| 24" RCP | 276 | Ft. |
| 18" RCP | 237 | Ft. |
| 15" RCP | 198 | Ft. |
| SAND BACKFILL (Flushed & Vibrated) | 3,352 | Ft. |
| TYPE IA INLET (6' 4" x 4' 4") | 1 | Each |
| TYPE IA INLET (6' 4" x 5' 4") | 1 | Each |
| TYPE I INLET (6' 4" x 4' 4") | 1 | Each |
| TYPE I INLET (11' 4" x 4' 4") | 14 | Each |
| TYPE II INLET (Double) | 3 | Each |
| DRIVE INLET (Double) | 1 | Each |
| DROP AREA INLET (Double) | 2 | Each |
| STANDARD TYPE "P" MANHOLE (5' Dia.) | 6 | Each |
| STANDARD TYPE "P" MANHOLE (6' Dia.) | 3 | Each |
| STANDARD TYPE "P" MANHOLE (7' Dia.) | 5 | Each |
| REINFORCED CONCRETE MANHOLE (7' 4" x 6' 4") | 2 | Each |
| REINFORCED CONCRETE TRENCH DRAIN INLET | 2 | Each |
| LUMP SUM BID ITEM - TRAFFIC | | |
| CONSTRUCTION TRAFFIC CONTROL | 1 | Lump Sum |
| PAVEMENT MARKINGS | 1 | Lump Sum |
| MEASURED QUANTITY BID ITEM - PAVING | | |
| 4" CONCRETE SIDEWALK REMOVAL & REPLACEMENT | 148 | Sq. Yds. |
| 8" CONCRETE DRIVE REMOVAL & REPLACEMENT | 687 | Sq. Yds. |
| 8" CONCRETE PAVEMENT REMOVAL & REPLACEMENT (Includes Sub Base) | 2,103 | Sq. Yds. |
| BRICK PAVER STREET REMOVAL & REPLACEMENT (Includes Base & Sub Base) | 1,158 | Sq. Yds. |
| COMBINED CURB & GUTTER REMOVAL & REPLACEMENT | 2,586 | Ft. |
| 6" A.C. PAVEMENT (4" Bit. Base) REMOVAL & REPLACEMENT (Incl. Sub Base) | 2,737 | Sq. Yds. |
| 2" A.C. PAVEMENT ON 6" CONCRETE BASE (Incl. Sub Base) | 817 | Sq. Yds. |
| MONOLITHIC CURB | 657 | Ft. |
| WHEELCHAIR RAMP CONSTRUCTION | 26 | Each |
| 5" ASPHALT PAVEMENT (HOOK-UP) | 200 | Sq. Yds. |
| ADJUSTMENT OF SANITARY SEWER MANHOLES | 6 | Each |
| ADJUSTMENT OF WESTAR MANHOLES | 2 | Each |
| MEASURED QUANTITY BID ITEM - EROSION CONTROL | | |
| DROP INLET BARRIER | 4 | Each |
| CURB INLET BARRIER | 21 | Each |
| EROSION CONTROL BLANKET (Behind Back of Curb) | 3,000 | Sq. Yds. |
| STABILIZED CONSTRUCTION ENTRANCE | 2 | Each |

| REMOVAL OF EXISTING STRUCTURES | | | | |
|--------------------------------|------------------|---------|---------------------|------------|
| BL STATION | ROADWAY | SIDE | ITEM | REMARKS |
| Sta. 9+58, B.L. 1 | 3rd Street North | 7' Lt. | Area Inlet | |
| Sta. 11+03, B.L. 1 | 3rd Street North | 7' Lt. | Drop Inlet | |
| Sta. 11+92, B.L. 1 | 3rd Street North | 7' Lt. | SWS Manhole | |
| Sta. 13+19, B.L. 2 | 3rd Street North | 1' Rt. | SWS Manhole | |
| Sta. 14+46, B.L. 2 | 3rd Street North | 23' Rt. | Curb Inlet | |
| Sta. 14+59, B.L. 2 | 3rd Street North | 22' Lt. | Curb Inlet | |
| Sta. 14+68, B.L. 2 | 3rd Street North | 33' Rt. | Drop Inlet | |
| Sta. 14+90, B.L. 2 | 3rd Street North | 23' Rt. | Curb Inlet | |
| Sta. 15+05, B.L. 2 | 3rd Street North | 22' Lt. | Curb Inlet | |
| Sta. 15+11, B.L. 2 | 3rd Street North | 1' Rt. | SWS Manhole | |
| Sta. 15+25, B.L. 2 | 3rd Street North | 14' Lt. | SS Manhole | |
| Sta. 16+55, B.L. 2 | 3rd Street North | -- | Railroad Tracks | |
| Sta. 16+73, B.L. 2 | 3rd Street North | -- | Railroad Tracks | |
| Sta. 16+89, B.L. 2 | 3rd Street North | 22' Rt. | SWS Manhole | |
| Sta. 16+97, B.L. 2 | 3rd Street North | 22' Rt. | Curb Inlet | |
| Sta. 17+96, B.L. 2 | 3rd Street North | 15' Lt. | SS Manhole | |
| Sta. 19+41, B.L. 2 | 3rd Street North | 1' Rt. | SWS Manhole | |
| Sta. 19+46, B.L. 2 | 3rd Street North | 21' Rt. | Curb Inlet | |
| Sta. 19+46, B.L. 2 | 3rd Street North | 20' Lt. | Curb Inlet | |
| Sta. 20+11, B.L. 3 | 3rd Street North | 1' Lt. | SWS Manhole | |
| Sta. 20+25, B.L. 3 | 3rd Street North | 15' Lt. | Curb Inlet | |
| Sta. 21+44, B.L. 3 | 3rd Street North | 1' Rt. | SWS Manhole | Caution** |
| Sta. 22+88, B.L. 3 | 3rd Street North | 19' Rt. | Curb Inlet | |
| Sta. 22+88, B.L. 3 | 3rd Street North | 23' Lt. | Curb Inlet | |
| Sta. 23+30, B.L. 3 | 3rd Street North | 20' Rt. | Curb Inlet | |
| Sta. 23+34, B.L. 3 | 3rd Street North | 13' Lt. | Drop Inlet | |
| Sta. 23+43, B.L. 3 | 3rd Street North | 3' Rt. | SWS Manhole | |
| -- | Wabash Ave | -- | 1500' 6" Water Line | 3rd to 2nd |
| Sta. 11+30, B.L. 4 | Wabash Ave | 19' Rt. | Curb Inlet | |
| Sta. 11+45, B.L. 4 | Wabash Ave | 21' Lt. | Curb Inlet | |
| Sta. 11+67, B.L. 4 | Wabash Ave | 16' Rt. | SWS Manhole | Abandon* |
| Sta. 12+08, B.L. 4 | Wabash Ave | 18' Rt. | Curb Inlet | |
| Sta. 12+09, B.L. 4 | Wabash Ave | 9' Rt. | Water Valve | |
| Sta. 6+37, B.L. 5 | 2nd Street North | 24' Lt. | Curb Inlet | |
| Sta. 6+37, B.L. 5 | 2nd Street North | 20' Rt. | Curb Inlet | |
| Sta. 6+68, B.L. 5 | 2nd Street North | 23' Rt. | SWS Manhole | Abandon* |
| Sta. 7+15, B.L. 5 | 2nd Street North | 21' Rt. | Curb Inlet | |
| Sta. 7+15, B.L. 5 | 2nd Street North | 24' Lt. | Curb Inlet | |

* - Manholes and pipes to be abandoned shall be abandoned per City of Wichita Specifications.

** - An existing 8" SS that is to remain in service runs through this SWS Manhole. The Contractor shall use care when removing the SWS Manhole to prevent damage to the 8" SS.

FOR INFORMATION ONLY. Cost to be INCIDENTAL to the bid item "Removal of Existing Structures"

REMOVAL OF EXISTING TREES

| B.L. STATION | STREET | SIDE | TREE SIZE |
|--------------------|------------------|------|-----------|
| Sta. 19+22, B.L. 2 | 3rd Street North | Rt. | 40" Tree |

SEEDING/SODDING QUANTITIES

| PROCESS | AREA OF RESTORATION (Sq. Yds.) | REMARKS |
|---------|--------------------------------|---------------------|
| Seeding | 720 | Non-Lawn/Turf Areas |
| Sodding | 1,525 | Lawn/Turf Areas |

Drawing File: E:\eng\Old Town Drainage Ph 2\Recap.dwg

Project No. 0610E682 CITY OF WICHITA, KANSAS

Design: TPV
Drawn: TPV
Approved: TPV
Scale: None

QUANTITY RECAPITULATIONS

DOUGLAS AVENUE DRAINAGE OUTFALL PROJECT - PHASE 2



February 2008

SHEET 47 OF 54